TL 6975 SAN MARCOS TO ESCONDIDO PROJECT

Quarterly Compliance Report

Quarter 2 2022

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ATTACHMENTS

1.0 INTRODUCTION

In accordance with Section 2.5.2 of the Mitigation Monitoring, Reporting and Compliance Program (MMRCP), for the TL 6975 San Marcos to Escondido Project (Project), this Quarterly Compliance Report provides an overview of the construction progress and applicant proposed measure (APM) and mitigation measure (MM) implementation by resource area, as well as details regarding compliance-related activities conducted by San Diego Gas & Electric Company (SDG&E) on the Project during the 2nd Quarter of 2022 (April 2022 - June 2022).

To date, SDG&E construction activities have been authorized by the California Public Utilities Commission (CPUC) under Notice to Proceed No. 1 (NTP-1) and NTP-2. The approval of NTP-1 authorized rebuilding an existing 69 kilovolt (kV) power line west of San Marcos Substation, constructing a new 69 kV power line from Melrose Tap to Meadowlark Junction, reconductoring an existing line from Meadowlark Junction to Escondido Substation and work within Escondido and San Marcos Substations. Three staging yards (Rock Springs Staging Yard and San Elijo Staging Yards) and two auxiliary yards (Kearny Auxiliary Yard and ICON 3PL Materials Auxiliary Yard) were also approved under NTP-1. Additionally, the data recovery effort for Segment 1 was approved under NTP-1. The approval of NTP-2 authorized the installation of the alternating current (AC) interference mitigation system in Segment 1.

2.0 CONSTRUCTION SUMMARY

The following activities were performed during the reporting period:

NTP-1 (Segment 1)

- Vegetation Trimming

NTP-1 (Segment 2)

- Grading
- Drilling
- Foundation Installation (drilling, pouring concrete, strip and patch)
- BMP Maintenance
- Wall Construction
- Brow Ditch Installation

NTP-1 (Segment 3)

- Drilling
- Foundation Work
- Demobilization
- Grading
- Brow Ditch Installation
- Vegetation Trimming

- Overhead Reconductoring Work
- Installing Ground Rods

NTP-1 (San Marcos Substation)

- Pier Foundation Installation
- Conduit Installation
- Grounding Installation
- Potholing
- Pad Installations
- Demolition of SS Pad Foundation
- LDE Foundation Installation
- Site Cleanup and Restoration

NTP-2 (Segment 1)

- AC Mitigation

NTP-3 (Segment 1)

- Data Recovery
- AC Mitigation

Photos of construction activities are included in **Attachment 1,** *Photo Log***.**

2.1 CONSTRUCTION STATUS

The CPUC receives the Weekly Status Report containing the 3-week look-ahead schedule each Friday detailing anticipated upcoming construction activities in accordance with the MMRCP, Section 2.5.2. The summary of construction activities is included in **Table 1**, *Construction Status.*

Table 1: Construction Status

Project Activity	Approximate Duration (months)[1]	Anticipated Start Date[2]	Approximate Percent Complete
Reconductoring and Reenergizing Overhead Work (Segment 3)	5	January 04, 2022	60
Work Area Preparation-Veg trim and grading (Segment 2)	3.5	February 14, 2022	90
Drilling and installing pole foundations (Segment 3)	1.5	February 25, 2022	75
Drilling and installing pole foundations (Segment 2)	1.5	March 18, 2022	85

Project Activity	Approximate Duration (months)[1]	Anticipated Start Date[2]	Approximate Percent Complete
San Marcos Substation Work	1.5	March 30, 2022	95
AC Mitigation Work	1	June 20, 2022	30

[1] Duration is not necessarily continuous.
[2] Dates in *italics* are anticipated dates for activities that have not yet begun.

2.2 PROJECT MODIFICATIONS AND APPROVALS

Please see **Attachment 2**, *NTP and MPR Schedule*, for a summary of approved and pending NTPs and MPRs.

3.0 ENVIRONMENTAL COMPLIANCE SUMMARY

The Lead Environmental Inspector (LEI) completes a Daily LEI Field Report for each day of construction activity. These reports describe daily activities, environmental monitoring, and compliance observations. The Daily LEI Field Reports will be made available to the CPUC upon request.

3.1 BIOLOGICAL RESOURCES COMPLIANCE SUMMARY

Monitoring and pre-construction clearance surveys for biological resources took place for ground-disturbing and vegetation trimming activities in habitat in accordance with the MMRCP and APM BIO-8 during the reporting period. Wart-stemmed ceanothus (*Ceanothus verrucosus)* was identified along the access road that leads to Location 65. The Natural Community Conservation Plan (NCCP)-protected plants were flagged, and the shrubs were avoided during construction activities. Coastal sage scrub (CSS) habitat is located throughout Segments 2 and 3. The CSS habitat surrounding the approved work areas remained undisturbed throughout the reporting period. The jurisdictional aquatic resources throughout Segments 2 and 3 were protected with BMPs during the reporting period, and no impacts occurred. Please see **Attachment 3**, *Biological Resources Monitoring Overview*, for a summary of biological monitoring activities performed during the reporting period. There were no compliance issues or concerns related to biological resources. The Daily Biological Monitoring Reports are included as an attachment to the Weekly Compliance Summary Report.

Pre-construction nesting bird surveys were performed during the reporting period as it was the avian breeding season (February 15 – August 31), and there were 52 new active nests discovered on the Project during the reporting period. In compliance with APM BIO-6, avian monitoring by qualified biologists took place throughout the reporting period to ensure construction activities did not result in nest disturbance or abandonment. Throughout the reporting period, several coastal California gnatcatchers were observed near Locations 62, 64, 67, 68, and 69. In addition, a Cooper's hawk was observed near Locations 55 and 57, a rufous crowned sparrow was observed near Location 70, and an orange-throated whiptail was observed near Locations

63 and 67. A total of six active coastal California gnatcatcher nests were discovered at Locations 64, 66, 67, and 68. 41 nests fledged successfully, 7 nests are still active, and 9 nests failed due to predation (non-Project related). Please see **Attachment 4,** *Nest Log*, for a summary of all active nests discovered during the reporting periods.

3.2 CULTURAL, NATIVE AMERICAN AND PALEONTOLOGICAL RESOURCES

3.2.1 Cultural Resources and Native American Monitoring

Cultural and Native American monitoring took place for ground-disturbing activities in culturally sensitive areas in accordance with MM CUL-3 and the Cultural Resources Monitoring Plan (CRMP) during the reporting period. Several artifacts and lithics were discovered throughout the reporting period. Please see **Attachment 5**, *Cultural Resources Monitoring Overview* for a summary of cultural and Native American monitoring activities performed during the reporting period. Cultural Monitoring Reports are included as an attachment to the Weekly Compliance Summary Reports.

During the reporting period, data recovery excavations took place per MM CUL-4 for the Project components within P-37-032160 boundaries, Locations 8, 11, 12, Deepwell 11 and Coupon Test Station 2. All soil excavated was stockpiled and screened for artifacts. Lithics, fire affected rock (FAR), metavolcanic debitage, historic ceramics, and other artifacts were discovered during excavations. The Post Data Recovery Summary Report summarizing initial results was submitted to the CPUC on June 9, 2022.

3.2.2 Paleontological Resources

Paleontological resource monitoring took place for ground-disturbing activities in paleontologically sensitive areas in accordance with the Paleontological Resources Monitoring and Mitigation Plan (PRMMP). Fossil resources were discovered and properly recorded onsite at Location 55 while drilling activities took place on June 6. Please see **Attachment 6**, *Paleontological Resources Monitoring Overview* for a summary of paleontological monitoring activities performed during the reporting period. Paleontological Monitoring Reports are included as an attachment to the Weekly Compliance Summary Reports.

3.3 FIRE PREVENTION AND PROTECTION

All Project activities were in compliance with the Construction Fire Prevention Plan (CFPP) during the reporting period. All construction personnel were observed to have appropriate personal protective equipment (PPE), and all Project vehicles had fire tools attached. There were no red flag warnings issued for the Project region during the reporting period. No fires occurred on or near the Project during the reporting period.

3.4 HAZARDOUS MATERIALS

All Project activities were in compliance with the Soil and Dewatering Management Plan and the Health and Safety Plan during the reporting period. There was one encounter with groundwater during the reporting period. On May 12, groundwater was encountered at a depth

of 13 feet during the line dead-end (LDE) pier foundation installation at the San Marcos Substation. In compliance with Section 5.3 of the Soil and Dewatering Management Plan, the Qualified Stormwater Pollution Prevention Plan (SWPPP) Practitioner (QSP) assessed the groundwater for signs of contamination. No contamination was observed. The groundwater was then stored and used onsite for dust mitigation in accordance with the SWPPP and the State Water Resources Control Board (SWRCB) Construction General Permit. There were no encounters with contaminated soil nor contaminated water during construction activities.

3.5 CONSTRUCTION WASTE DIVERSION

MM US-1 requires that the Project shall recycle and/or reuse 90 percent of inert materials and 70 percent of all other materials, as well as 100 percent of trees, stumps, and other vegetation. In order to document and track such diversions, a preliminary Construction and Demolition Debris Register was drafted and submitted to the CPUC as part of the NTP-1 submittal package and an Updated Construction and Demolition Debris Register was submitted to the CPUC on February 22, 2022. Records were kept over the reporting period to document the disposal and/or diversion of all construction debris. The Project's waste tracking was in compliance with MM US-1 throughout the duration of the reporting period. Please see **Attachment 7**, *Waste Tracking per MM US-1*, for a summary of the current construction waste totals.

3.6 NOISE

Pursuant to APM NOI-1, MM NOI-1 and the Construction Noise Reduction and Mitigation Plan (CNRMP), noise monitoring was conducted for construction activities within 100 feet of sensitive receptors during the reporting period. Monitoring is suspended if noise levels are shown to consistently comply with applicable noise limits. Monitoring is resumed if the construction activities change at a site, or a noise complaint is received. There were no exceedances over the 75 dBA hourly Leq threshold. Please see **Attachment 8**, *Noise Monitoring Overview*, for a summary of noise monitoring activities during the reporting period. All construction activities were performed in accordance with the CNRMP. There was one public complaint related to noise during the reporting period. Please see Section 5.0 for a summary of the complaint.

3.7 STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

SDG&E's Qualified SWPPP Practitioner (QSP) conducted weekly SWPPP inspections during the reporting period to document any BMP deficiencies and potential non-compliance incidents. All Project activities were in compliance with the SWPPP during the reporting period and an adequate number of spill kits were on site. A copy of the Project's SWPPP is maintained on site.

4.0 MMRCP COMPLIANCE

There were five minor compliance deviations during the reporting period. Please see **Attachment 3**, *Compliance Incidents*, for a summary of the minor compliance deviations and the corrective actions that were taken. There were no impacts to any environmental resources and there were no non-compliance incidents during the reporting period.

5.0 PUBLIC COMPLAINTS

There were two public complaints during the reporting period. Please see **Table 2,** *Public Complaint Log,* for a summary of the complaints.

Table 2: Public Complaint Log

Date(s)	Name	Complaint	Action/Resolution	Date/Time Resolved
April 22, 2022	Eric Davidson	Per Mr. Davidson, construction noise from grading activities at Location 61 is inconvenient to listen to and getting annoying due to rock breaking. Grading activities at Location 61 have encountered large quantities of rock, which is suspected to have affected noise emissions at this location.	SDG&E Public Affairs staff are engaging the complainant to offer temporary relocation for the remainder of the grading activities at Location 61. On Friday, April 22, Public Affairs staff engaged the complainant with temporary relocation. The complainant did not respond. This is consistent with Section 4.7 of the CNRMP. SDG&E will also conduct noise monitoring during grading activities at Location 61.	April 25, 2022
April 25, 2022	Don Camara	The resident is following up on an earlier complaint regarding dust from the access road being used to access Location 69 and other sites in Segment 2. Mr. Camara stated that although dust mitigation seemed to improve for a while, it seems recently dust mitigation has become an issue again. They offered that increased activity and recent winds appear to be exacerbating factors.	On Thursday, April 28, the SDG&E Public Affairs staff provided a response to Mr. Camara detailing the actions that have been taken to remedy this issue. These actions include increasing the number of trips the water trucks take daily to mitigate fugitive dust and being more vigilant about ensuring the water trucks lead in front of large equipment. Mr. Camara responded and confirmed he noticed these efforts and is content with the results.	April 28, 2022

6.0 WORKER ENVIRONMENTAL AWARENESS PROGRAM

In compliance with Section 2.2.4 of the MMRCP, MM CUL-2, MM PALEO-2 and the CFPP Section 10, all personnel working on the Project participated in the Worker Environmental Awareness Program (WEAP) training prior to performing work on the Project. During the reporting period, 99 new Project personnel attended the WEAP training. WEAP Sign-In Sheets are included as an attachment to the Weekly Compliance Summary Reports.

ATTACHMENT 1
PHOTOGRAPH LOG

PHOTO LOG

Photograph 1:

April 4, 2022. Foundation drilling operations at Location 69. Facing: East.

Photograph 2:

April 5, 2022. Grading operations at Location 59. Facing: East.

PHOTO LOG

Photograph 3:

April 6, 2022. Grading operations at Location 59. Facing: North.

Photograph 4:

April 6, 2022. Grading operations at Location 61. Facing: East.

PHOTO LOG

Photograph 5:

April 6, 2022. Grading operations at Location 59. Facing: Northeast.

Photograph 6:

April 6, 2022. View of excavation operations inside the San Marcos Substation. Facing: East.

PHOTO LOG

Photograph 7:

April 12, 2022. Grading operations at Location 61. Facing: Northeast.

Photograph 8:

April 13, 2022. Grading operations at Location 58. Facing: Southeast.

PHOTO LOG

Photograph 9:

April 14, 2022. View of foundation framing inside the San Marcos Substation. Facing: East.

Photograph 10:

April 14, 2022. Foundation drilling operations at Location 77. Facing: East.

PHOTO LOG

Photograph 11:

April 14, 2022. Drilling operations at Location 69. Facing: East.

Photograph 12:

April 15, 2022. Grading operations at Location 59. Facing: East.

PHOTO LOG

Photograph 13:

April 21, 2022. Crews pouring concrete foundation at Location 77. Facing: Northwest.

Photograph 14:

April 21, 2022. Retaining wall construction operations at Location 55. Facing: East.

PHOTO LOG

Photograph 15:

April 21, 2022. Grading operations at Location 61. Facing: Southeast.

Photograph 16:

April 21, 2022. View of foundation framing inside the San Marcos Substation. Facing: East.

PHOTO LOG

Photograph 17:

April 22, 2022. Grading / rock breaking operations at Location 58. Facing: East.

Photograph 18:

April 22, 2022. Grading operations at Location 61. Facing: Northeast.

PHOTO LOG

Photograph 19:

April 25, 2022. Grading operations at Location 61. Facing: Northeast.

Photograph 20:

April 25, 2022. Poured foundation at Location 69. Facing: West.

PHOTO LOG

Photograph 21:

April 28, 2022. Drilling operations at Location 64. Facing: Southwest.

Photograph 22:

April 28, 2022. Grading operations at Location 60. Facing: North.

PHOTO LOG

Photograph 23:

April 28, 2022. Retaining wall construction at Location 61. Facing: Northeast.

Photograph 24:

April 29, 2022. View of grading operations at Location 68. Facing: South.

PHOTO LOG

Photograph 25:

May 2, 2022. Grading operations at Location 60. Facing: North.

Photograph 26:

May 2, 2022. Retaining wall construction at Location 61. Facing: East.

PHOTO LOG

Photograph 27:

May 2, 2022. Grading operations at Location 68. Facing: South.

Photograph 28:

May 3, 2022. Drilling operations at Location 59. Facing: North.

PHOTO LOG

Photograph 29:

May 3, 2022. Poured foundation at Location 64. Facing: South.

Photograph 30:

May 6, 2022. View of concrete foundation pour inside the San Marcos Substation. Facing: East.

PHOTO LOG

Photograph 31:

May 9, 2022. Grading operations at Location 60. Facing: Northeast.

Photograph 32:

May 10, 2022. Retaining wall construction at Location 55. Facing: Northeast.

PHOTO LOG

Photograph 33:

May 10, 2022. Grading operations at Location 68. Facing: East.

Photograph 34:

May 11, 2022. Drilling operations at Location 57. Facing: East.

PHOTO LOG

Photograph 35:

May 10, 2022. Poured foundation at Location 59. Facing: East.

Photograph 36:

May 10, 2022. View of finished concrete foundations inside the San Marcos Substation. Facing: East.

PHOTO LOG

Photograph 37:

May 17, 2022. Grading operations at Location 68. Facing: South.

Photograph 38:

May 17, 2022. Retaining wall construction at Location 60. Facing: Northeast.

PHOTO LOG

Photograph 39:

May 17, 2022. Crews pouring concrete foundation at Location 57. Facing: East.

Photograph 40:

May 18, 2022. Grading operations at Location 78. Facing: West.

PHOTO LOG

Photograph 41:

May 18, 2022. Grading operations at Location 68. Facing: South.

Photograph 42:

May 20, 2022. Grading operations at Location 78. Facing: East.

PHOTO LOG

Photograph 43:

May 23, 2022. Retaining wall construction at Location 60. Facing: Northeast.

Photograph 44:

May 23, 2022. Crews drilling foundation at Location 63. Facing: Southwest.

PHOTO LOG

Photograph 45:

May 23, 2022. Grading operations at Location 78. Facing: East.

Photograph 46:

May 24, 2022. Foundation breaking operations inside San Marcos Substation. Facing: East.

PHOTO LOG

Photograph 47:

May 26, 2022. Grading operations at Location 68. Facing: South.

Photograph 48:

May 27, 2022. Grading / rock breaking operations at Location 69. Facing: Northeast.

PHOTO LOG

Photograph 49:

May 31, 2022. Drilling operations at Location 68. Facing: Southwest.

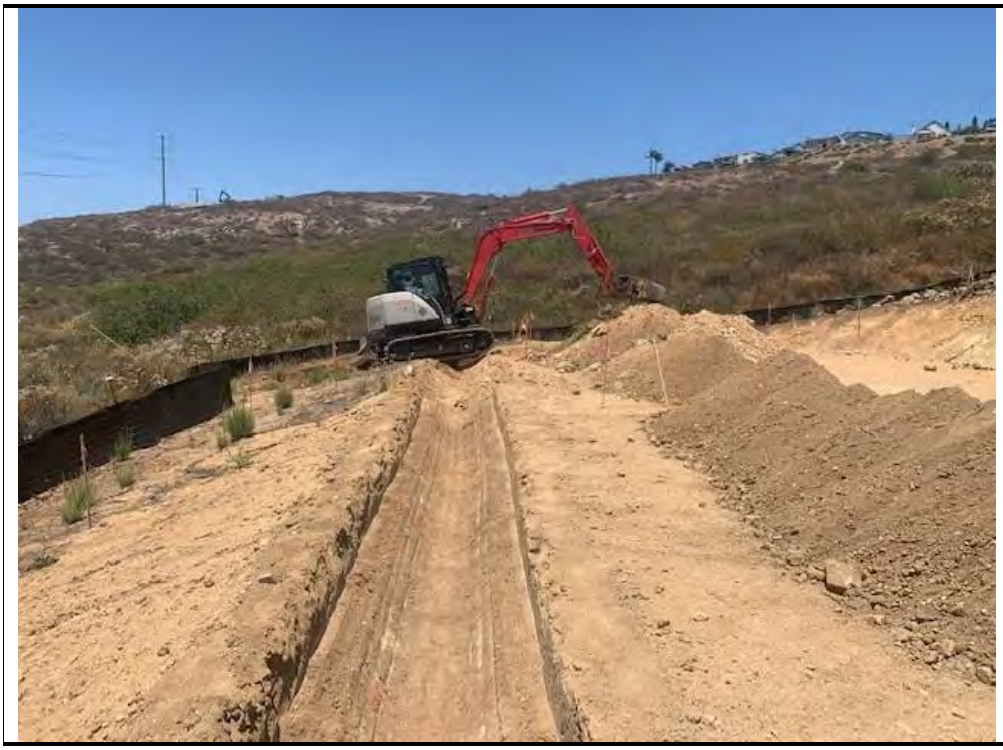
Photograph 50:

May 31, 2022. Grading / rock breaking operations at Location 69. Facing: Southwest.

PHOTO LOG

Photograph 51:

June 1, 2022. Crews drilling foundation at Location 66. Facing: North.



Photograph 52:

June 2, 2022. Brow ditch excavation at Location 70. Facing: North.

PHOTO LOG

Photograph 53:

June 2, 2022. Grading operations at Location 78. Facing: East.

Photograph 54:

June 2, 2022. Finished foundations inside the San Marcos Substation. Facing: East.

PHOTO LOG

Photograph 55:

June 6, 2022. Crews drilling foundation at Location 55. Facing: Northeast.

Photograph 56:

June 6, 2022. Drilling / rock breaking operations at Location 58. Facing: Northeast.

PHOTO LOG

Photograph 57:

June 7, 2022. Crews excavating brow ditch at Location 68. Facing: Southeast.

Photograph 58:

June 8, 2022. Vegetation trimming / removal at Location 3. Facing: South.

PHOTO LOG

Photograph 59:

June 10, 2022. Grading operations at Location 78. Facing: East.

Photograph 60:

June 10, 2022. Crews setting up Location 60 for micro-pile drilling. Facing: Northeast.

PHOTO LOG

Photograph 61:

June 13, 2022. Crews drilling at Location 60. Facing: Northeast.

Photograph 62:

June 14, 2022. Crews drilling foundation at Location 56. Facing: North.

PHOTO LOG

Photograph 63:

June 16, 2022. Concrete removal at Location 63. Facing: Northwest.

Photograph 64:

June 17, 2022. Drilling operations at Location 68. Facing: Southeast.

PHOTO LOG

Photograph 65:

June 20, 2022. Crews laying wire in the v-ditch at Location 68. Facing: Southeast.

Photograph 66:

June 20, 2022. Crews grouting at Location 60. Facing: Northwest.

PHOTO LOG

Photograph 67:

June 22, 2022. Drilling at Location 56. Facing: Southwest.

Photograph 68:

June 22, 2022. Crews backfilling the hole with rock at Location 78. Facing: South.

PHOTO LOG

Photograph 69:

June 24, 2022. Brow-ditch concrete pouring at Location 70. Facing: Northwest.

Photograph 70:

June 24, 2022. Crews concrete pouring a brow-ditch at Locations 74 and 77. Facing: South.

PHOTO LOG

Photograph 71:

June 26, 2022. Crews working adjacent to an aquatic feature on Quest Haven Road. Facing: Southwest.

Photograph 72:

June 27, 2022. Crews completing concrete brow ditch at Location 68. Facing: South.

PHOTO LOG

Photograph 73:

June 28, 2022. Crews drilling at Location 56. Facing: Southwest.

Photograph 74:

June 29, 2022. Grading activites at Location 68. Facing: South.

PHOTO LOG

Photograph 75:

June 30, 2022. Crews inspecting the vault near Location 70. Facing: West.

ATTACHMENT 2
NTP AND MPR SCHEDULE

NTP and MPR Schedule

NTP / MPR	Description	Submittal Date[1]	Requested / Actual Approval Date
NTP-1	NTP-1 included approval of Project activities in Segments 1-3, with the exception of some Segment 1 Locations and the installation of the alternating current (AC) mitigation system.	Submitted March 3, 2021	Approved September 9, 2021
NTP-2	NTP-2 allows the installation of the AC interference mitigation system with the exception of components covered under MM CUL-4.	Submitted August 04, 2021 Resubmitted November 10, 2021	Approved December 2, 2021
NTP-3	NTP-3 includes Segment 1 and AC mitigation system components covered by MM CUL-4.	Submitted June 8, 2022	Approved July 07, 2022
MPR-1	MPR-1 allows the use of a temporary work area between Locations 85 and 86 for Segment 3 wire installation operations.	Submitted October 22, 2021 Comments Received November 1, 2021 Resubmitted November 4, 2021	Approved November 8, 2021
MPR-2	MPR-2 allows the use of 3 temporary work areas for Locations 107, 108, and the relocation of Stringing Site (SS) 19.	Submitted October 27, 2021 Comments Received November 1, 2021 Resubmitted with Revisions November 3, 2021	Approved November 4, 2021
MPR-3	MPR-3 increased the size of work areas for Location 102 and SS17, and the relocation of SS18.	Submitted November 05, 2021	Approved November 12, 2021
MPR-4	MPR-4 increased the size of the work areas for Locations 81 and 89.	Submitted November 16, 2021 Comments Received November 22, 2021 Resubmitted with Revisions December 9, 2021	Approved December 21, 2021
MPR-5	MPR-5 approved the relocation of Location 77 and increased work area near Location 74.	Submitted December 15, 2021 Comments Received January 3, 2022 Resubmitted January 6, 2022	Approved January 18, 2021
MPR-6	MPR-6 approved the relocation of Location 78 and associated work area changes.	Submitted January 20, 2022 Comments Received February 1, 2022 Resubmitted February 7, 2022	Approved February 10, 2022
MPR-7	MPR-7 would include additional temporary work areas for Locations 57, 62, 63, 64 and 69 to facilitate pole installation work.	Submitted February 16, 2022	Approved February 24, 2022

NTP / MPR	Description	Submittal Date[1]	Requested / Actual Approval Date
MPR-8	MPR-8 would approve the use of portions of existing access roads not included on the NTP-1 Mapbook.	Submitted March 1, 2022 Comments Received March 14, 2022 Resubmitted March 16, 2022	Approved March 18, 2022
MPR-9	MPR-9 would approve minor changes to the temporary work area at Location 59.	Submitted March 17, 2022	Approved March 24, 2022
MPR-10	MPR-10 would approve changes to the temporary work areas at Locations 51-54.	Submitted April 13, 2022 Comment Received April 29, 2022 Response to Comment Submitted May 2, 2022	Approved May 2, 2022
MPR-11	MPR-11 would approve modifications to temporary work areas at Locations 2.1, 3 and 7.	Submitted May 11, 2022	Approved May 27, 2022
MPR-12	MPR-12 would approve revised work areas for Location 56, and an additional work area near Location 8.	Submitted May 20, 2022	Approved May 24, 2022
MPR-13	MPR-13 would approve revised designs for Locations 4, 5 and 6.	*July 22, 2022*	*August 5, 2022*

[1] Dates in *italics* are anticipated dates and have not yet been submitted.

ATTACHMENT 3

BIOLOGICAL RESOURCES MONITORING OVERVIEW

Biological Resources Monitoring Overview

Date	Biological Monitor	Activity Performed	Project Location
4/01/2022	T. Utic	Grading & Drilling	Locations 67 and 69
The biologist monitored grading at Location 67 and drilling at Location 69. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/01/20022	M. Moutsos	Excavation	Location 55
The biologist monitored excavation activities at Location 55. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/04/2022	T. Utic	Grading and Drilling	Locations 67 and 69
The biologist monitored drilling activities at Location 69 and mobilization to Location 67. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/04/2022	K. Oberhammer	Grading	Location 55
The biologist monitored grading at Location 55 and crews remained within delineated work area with proper fire tools and BMPs still in place. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/05/2022	T. Utic	BMP Maintenance and Drilling	Locations 69 and 77
The biologist monitored drilling operations at Location 69 and monitored the installation of straw wattle BMPs at Location 77. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/06/2022	R. Layden	Excavation	Location 59
The biologist monitored the loading and hauling of previously excavated material from Location 59. All sites had proper BMPs installed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/06/2022	T. Utic	Grading and Drilling	Locations 61 and 69
The biologist monitored drilling operations at Location 69. Crews were monitored grading and excavation work at Location 61. All sites had proper BMPs installed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/07/2022	T. Utic	Grading and Drilling	Location 61
The biologist monitored grading and excavations at Location 61. All sites had proper BMPs installed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			

Date	Biological Monitor	Activity Performed	Project Location
4/07/2022	R. Layden	Excavation	Location 59
The biologist monitored excavations and rock breaking at Location 59. The excavator was used to break rock and load excavated material into dump trucks. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/08/2022	T. Utic	Grading, Excavation, and Drilling	Locations 61 and 69
The biologist monitored the drilling and cleaning of the hole at Location 69. Crews were monitored grading and excavating at Location 61. All sites had proper BMPs installed and the jurisdictional ephemeral stream south of work area remained unimpacted. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/08/2022	K. Blackmon	Grading	Location 59
The biologist monitored grading activities at Location 59. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/11/2022	T. Utic	Drilling	Location 69
The biologist monitored drilling operations at Location 69. A pair of coastal California gnatcatchers were observed vocalizing outside the work area. No impacts to biological or aquatic resources occurred.			
4/11/2022	K. Oberhammer	Grading	Locations 59 and 61
The biologist monitored grading at Locations 59 and 61. The crews remained within the delineated work area with proper fire tools and BMPs still in place. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/12/2022	T. Utic	Drilling	Locations 68, 69, and 77
The biologist monitored drilling operations at Location 77 due to the nearby non jurisdictional waterway, and the adjacent coastal sage scrub (CSS) habitat, as well as hole cleaning activities at Location 69. A pair of coastal California Gnatcatchers were observed flying approximately 450 feet from the work limit at Location 68. No impacts to biological or aquatic resources occurred.			
4/12/2022	K. Oberhammer	Grading	Locations 59 and 61
The biologist monitored grading and exporting dirt at Locations 59 and 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/13/2022	T. Utic	Drilling	Locations 69 and 77
The biologist monitored drilling operations at Location 69 and Location 77. All sites had proper BMPs installed. No biological or aquatic resources were impacted.			
4/13/2022	K. Oberhammer	Grading	Locations 59 and 61
The biologist monitored grading at Locations 59 and 61. The crews operated within the delineated work areas and proper BMPs were in place. No impacts to biological or aquatic resources occurred.			

Date	Biological Monitor	Activity Performed	Project Location
4/14/2022	T. Utic	Grading and Drilling	Locations 61 and 77
The biologist monitored crews exporting dirt from the pad as a part of their grading operation at Location 61. The biologist also monitored drilling activity at Location 77 due to its proximity to the non-jurisdictional drainage and native CSS habitat. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/15/2022	K. Blackmon	Grading	Location 61
The biologist monitored grading activities at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/15/2022	T. Utic	Drilling	Location 77
The biologist monitored drilling activities at Location 77 due to its proximity to the non-jurisdictional drainage and native CSS habitat. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/18/2022	K. Blackmon	Drilling	Location 77
The biologist monitored drilling operations at Location 77. No impacts to biological or aquatic resources occurred.			
4/18/2022	T. Utic	Grading	Location 61
The biologist monitored grading at Location 61. The crews remained within the delineated work area. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/19/2022	T. Utic	Grading	Locations 55 and 61
The biologist monitored grading operations at Location 61 due to the adjacent coastal CSS habitat. A Cooper's Hawk (*Accipiter cooperii*) was observed flying above Location 55. No impacts to biological or aquatic resources occurred.			
4/20/2022	T. Utic	Mobilization	Location 55
The biologist monitored mobilization of excavation equipment at Location 55. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/20/2022	K. Oberhammer	Mobilization and Drilling	Location 64
The biologist monitored equipment mobilization and drilling operations at Location 64. All sites had proper BMPs installed. No biological or aquatic resources were impacted.			
4/20/2022	R. Cravey	Grading and Drilling	Locations 61 and 77
The biologist monitored grading at Location 61 and drilling at Location 77. The crews operated within the delineated work areas and proper BMPs were in place. No special-status species were observed. No impacts to biological or aquatic resources occurred.			
4/21/2022	T. Utic	Mobilization and Retaining Wall Installation	Location 55
The biologist monitored crews installing the retaining wall, mobilizing brick, and importing fill at Location 55. No special-status species were observed and no impacts to biological or aquatic resources occurred.			

Date	Biological Monitor	Activity Performed	Project Location
4/21/2022	K. Oberhammer	Mobilization and BMP Installation	Location 64
The biologist monitored crews installing additional straw wattles around the spoils pile and pole hole at Location 64. Crews mobilized compressors and equipment. No impacts to biological or aquatic resources occurred.			
4/22/2022	T. Utic	Drilling	Location 62
The biologist monitored crews mobilizing equipment to Location 62. They started drilling operations. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/22/2022	K. Oberhammer	Pad Installation	Location 64
The biologist monitored the crew creating a pad in the work area at Location 64. No impacts to biological or aquatic resources occurred.			
4/22/2022	D. Jirsa	Excavation	Locations 61 and 77
The biologist monitored excavation at Location 61. The biologist monitored construction activity including concrete form removal and slab finishing at Location 77. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/25/2022	K. Oberhammer	Mobilization	Location 64
The biologist monitored mobilization of the drill rig at Location 64. The crews remained within the delineated work area. No impacts to biological or aquatic resources occurred.			
4/26/2022	K. Oberhammer	Grading and Mobilization	Locations 61 and 68
The biologist monitored grading operations at Location 61 and equipment mobilization at Location 68. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/26/2022	R. Layden	Mobilization and Drilling	Location 64
The biologist monitored equipment mobilization and drilling operations at Location 64. All sites had proper BMPs installed. No biological or aquatic resources were impacted.			
4/27/2022	T. Utic	Demobilization and Grading	Locations 55 and 61
The biologist monitored demobilization of equipment from Location 55 and grading the pad at Location 61. The crews operated within the delineated work areas and proper BMPs were in place. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/27/2022	H. Wood	Grading	Location 61
The biologist monitored crews grading at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/27/2022	R. Layden	Drilling	Location 64
The biologist monitored crews drilling at Location 64. No impacts to biological or aquatic resources occurred.			
4/28/2022	T. Utic	V-Ditch Installation	Location 68

Date	Biological Monitor	Activity Performed	Project Location
The biologist monitored crews installing a V-ditch at Location 68. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/28/2022	R. Layden	Drilling and Demobilization	Location 64
The biologist monitored drilling activities at Location 64. Once completed, the crews demobilized equipment from the site. No other impacts to biological or aquatic resources occurred.			
4/28/2022	H. Wood	Retaining Wall Installation	Location 61
The biologist monitored crews backfilling soil and installing retaining wall blocks at the new pad area at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/29/2022	T. Utic	Grading and Excavation	Location 68
The biologist monitored grading and excavation activities at Location 68. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
4/29/2022	K. Oberhammer	Concrete Pouring	Location 64
The biologist monitored crews pouring concrete at Location 64. Coastal California gnatcatchers were heard calling approximately 200 feet from Location 64. No nesting activity was observed. No impacts to biological or aquatic resources occurred.			
5/02/2022	T. Utic	Excavation, Grading, and Rock Breaking	Location 68
The biologist monitored excavation, grading, and rock breaking at Location 68. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/02/2022	R. Layden	Retaining Wall Installation	Location 61
The biologist monitored crews installing a retaining wall at Location 61. A CSS habitat is within the immediate vicinity of the work area but was not affected by the construction activities. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/02/2022	K. Oberhammer	Concrete Pouring	Location 64
The biologist monitored concrete pouring at Location 64. A coastal California gnatcatcher pair was observed foraging approximately 100 feet east of the work area, but no nesting activity was observed. No impacts to biological or aquatic resources occurred.			
5/03/2022	M. Moutsos	Excavation	Location 61
The biologist monitored crews excavating at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/03/2022	T. Utic	Excavation	Location 68
The biologist monitored excavation activities at Location 68. No special-status species were observed, and no biological or aquatic resources were impacted.			
5/03/2022	K. Oberhammer	Foundation Work and Grading	Locations 64 and 68

Date	Biological Monitor	Activity Performed	Project Location
The biologist monitored foundation work at Location 64 and grading at Location 68. The crews operated within the delineated work areas and proper BMPs were in place. A coastal California gnatcatcher was observed foraging east of the work area at Location 64, but no nesting activity was observed. No impacts to biological or aquatic resources occurred.			
5/04/2022	M. Huerta	Retaining Wall Installation	Location 61
The biologist monitored crews installing a retaining wall at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/04/2022	R. Cravey	Grading, Mobilization, and Demobilization	Locations 58, 64, and 68
The biologist monitored crews grading at Location 68. Crews were monitored demobilizing equipment at Location 64 and mobilizing equipment at Location 58. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/05/2022	T. Utic	Grading and Excavation	Location 68
The biologist monitored grading and excavation at Location 68. A coastal California gnatcatcher pair was observed flying bush to bush, but no nesting activity was observed. No other impacts to biological or aquatic resources occurred.			
5/05/2022	D. Jirsa	Backfilling, Grading, and Retaining Wall Installation	Location 61
The biologist monitored crews backfilling soil, installing retaining wall blocks, and grading at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/06/2022	T. Utic	Drilling and Mobilization	Locations 58 and 59
The biologist monitored drilling operations for the new foundation at Location 59. Crews were also monitored while mobilizing equipment at Location 58. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/06/2022	R. Layden	Retaining Wall Installation	Location 61
The biologist monitored crews installing the retention wall at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/09/2022	T. Utic	Excavation and Mobilization	Locations 55, 57, and 68
The biologist monitored mobilization of equipment at Locations 55 and 57. The biologist spot-checked Location 55 due to the riparian area and jurisdictional ephemeral stream downslope. The biologist monitored excavation operations at Location 68 while the adjacent CSS habitat remained undisturbed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/10/2022	T. Utic	Retaining Wall Installation, Grading, and Demobilization	Locations 55, 61, and 68
The biologist monitored crews installing a retaining wall at Location 55. No impacts to the nearby riparian habitat and jurisdictional ephemeral stream occurred. The biologist monitored crews grading at Location 68. The nearby CSS habitat was undisturbed. Crews were monitored demobilizing equipment at Location 61. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/10/2022	R. Layden	Mobilization	Location 57

Date	Biological Monitor	Activity Performed	Project Location
The biologist monitored mobilization of equipment at Location 57. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/11/2022	T. Utic	Backfilling and Excavation	Locations 55 and 68
The biologist monitored retaining wall installation and backfilling at Location 55 and no impacts to the nearby riparian habitat and jurisdictional ephemeral stream occurred. Crews were monitored excavating at Location 68 and the adjacent CSS habitat remained unimpacted. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/11/2022	R. Layden	Drilling	Location 57
The biologist monitored drilling activities at Location 57. No special-status species were observed, and no biological or aquatic resources were impacted.			
5/12/2022	T. Utic	Backfilling and Excavation	Locations 55 and 68
The biologist monitored retaining wall installation and backfilling at Location 55 and no impacts to the nearby riparian habitat and jurisdictional ephemeral stream occurred. Crews were monitored excavating at Location 68 and the adjacent CSS habitat remained unimpacted. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/12/2022	R. Cravey	Drilling and Mobilization	Location 57
The biologist monitored crews drilling and mobilizing equipment at Location 57. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/13/2022	K. Oberhammer	Mobilization and Grading	Locations 62 and 68
The biologist monitored crews mobilizing equipment at Location 62 and grading at Location 68. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/13/2022	M. Moutsos	Demobilization and Staging	Location 57
The biologist monitored crews demobilizing and staging equipment in preparation for foundation pouring at Location 57. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/16/2022	T. Utic	Retaining Wall Installation and Grading	Locations 55, 68, and 78
The biologist monitored crews installing a retaining wall at Location 55. No impacts to the nearby riparian habitat and jurisdictional ephemeral stream occurred. The biologist monitored crews grading at Location 68. The nearby CSS habitat was undisturbed. Crews were monitored grading at Location 78. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/16/2022	K. Oberhammer	Mobilization	Locations 57, 61, and 62
The biologist monitored mobilization of equipment at Locations 57, 61, and 62. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/17/2022	T. Utic	Vegetation Trimming, Excavation, Demobilization, and Concrete Pouring	Locations 53, 57, 68, and 78

Date	Biological Monitor	Activity Performed	Project Location
The biologist monitored vegetation trimming at Location 53. Crews were monitored demobilizing equipment and concrete pouring at Location 57. Crews were monitored excavating at Location 68 and the adjacent CSS habitat remained unimpacted. Crews were monitored excavating at Location 78. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/17/2022	M. Moutsos	Foundation Installation	Location 57
The biologist monitored the installation of foundation at Location 57. No special-status species were observed, and no biological or aquatic resources were impacted.			
5/18/2022	K. Oberhammer	Mobilization	Locations 57 and 62
The biologist monitored mobilization of equipment at Locations 57 and 62. The adjacent CSS habitat remained unimpacted. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/18/2022	T. Utic	Excavation	Locations 68 and 78
The biologist monitored crews excavating for the creation of new pads for Locations 68 and 78. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/18/2022	K. Oberhammer	Mobilization, Drilling, Grading, and Retaining Wall Installation	Locations 57, 60, and 62
The biologist monitored crews mobilizing equipment at Locations 57 and 62. Crews were also monitored drilling at Location 62. The adjacent CSS habitats remained unimpacted. The biologist monitored grading and installing the retaining wall at Location 60. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/19/2022	M. Moutsos	Foundation Installation and Demobilization	Location 57
The biologist monitored crews installing foundation and later demobilizing equipment at Location 57. A Cooper's hawk was observed perched near Location 61; however, it did not enter the work area. No impacts to biological or aquatic resources occurred.			
5/19/2022	T. Utic	Excavation and Demobilization	Locations 64, 68, and 78
The biologist monitored crews mobilizing equipment at Location 64 and the adjacent CSS habitats remained unimpacted. The biologist monitored crews excavating for the creation of new pads for both Locations 68 and 78. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/20/2022	R. Layden	Drilling and Loading	Locations 62 and 63
The biologist monitored crews drilling at Location 63 and loading excavated material into a truck at Location 62. A coastal California gnatcatcher was observed in the vicinity of Location 62 but was unaffected by construction activities. No impacts to biological or aquatic resources occurred.			
5/20/2022	T. Utic	Mobilization	Locations 57 and 59
The biologist monitored mobilization of equipment at Locations 57 and 59. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/23/2022	T. Utic	Drilling and Grading	Locations 63 and 68
The biologist monitored crews drilling at Location 63 and grading at Location 68. The nearby CSS habitat was undisturbed. No impacts to biological or aquatic resources occurred.			

Date	Biological Monitor	Activity Performed	Project Location
5/23/2022	K. Oberhammer	Drilling and Grading	Locations 62, 74, and 78
The biologist monitored grading at Locations 62, 74, and 78 and drilling at Locations 74 and 78. The nearby CSS habitat was undisturbed. No impacts to biological or aquatic resources occurred.			
5/24/2022	M. Moutsos	Grading	Locations 67 and 68
The biologist monitored crews grading at Locations 67 and 68. A coastal California gnatcatcher pair was observed near Location 67. No impacts to biological or aquatic resources occurred.			
5/24/2022	K. Oberhammer	Grading	Locations 62 and 78
The biologist monitored grading at Locations 62 and 78. The nearby CSS habitat was undisturbed. No special-status species were observed, and no biological or aquatic resources were impacted.			
5/25/2022	T. Utic	Grading, Vegetation, and Trimming	Locations 51, 68, and 70
The biologist monitored crews grading at Locations 68 and 70. Vegetation trimming was observed at Location 51. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/26/2022	H. Wood	Drilling and Excavation	Locations 62 and 63
The biologist monitored crews drilling at Location 62 and excavating at Location 63. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/26/2022	T. Utic	Drilling, Grading, and Mobilization	Locations 67, 68, and 69
The biologist monitored crews drilling at Location 67, grading the pad at Location 68, and mobilizing equipment at Location 69. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
5/27/2022	T. Utic	Foundation Installation, Mobilization, and Demobilization	Locations 67, 68, and 69
The biologist monitored crews mobilizing equipment at Location 68, demobilizing equipment at Location 67 and installing a foundation at Location 69. The adjacent CSS habitat remained unimpacted. The biologist observed a coastal California gnatcatcher over 300 feet from Location 67. No impacts to biological or aquatic resources occurred.			
5/27/2022	M. Moutsos	Concrete Pouring	Location 63
The biologist monitored crews pouring concrete at Location 63. A rufous crowned sparrow was observed by the biologist in the vicinity of Location 70 while performing a nest survey (no monitoring at 70). No impacts to biological or aquatic resources occurred.			
5/31/2022	M. Moutsos	Drilling and Excavation	Locations 68, 69, and 70
The biologist monitored crews drilling at Location 68 and excavating at Locations 69 and 70. The nearby CSS habitat was undisturbed. No impacts to biological or aquatic resources occurred.			
5/31/2022	K. Oberhammer	Demobilization	Location 62
The biologist monitored demobilization of large equipment from Location 62. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/1/2022	M. Moutsos	Mobilization and Drilling	Location 66

Date	Biological Monitor	Activity Performed	Project Location
The biologist monitored crews mobilizing equipment and drilling at Location 66. No impacts to biological or aquatic resources occurred.			
6/1/2022	K. Oberhammer	Mobilization, Grading, and Brow Ditch Excavation	Locations 56, 69, and 70
The biologist monitored equipment mobilization at Location 56 and grading at Location 69. Crews installed a brow ditch at Location 70. The nearby CSS habitat was undisturbed. No special-status species were observed, and no biological or aquatic resources were impacted.			
6/2/2022	M. Moutsos	Excavation	Location 78
The biologist monitored crews excavating a brow ditch at Location 78. The nearby CSS habitat was undisturbed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/2/2022	K. Oberhammer	Mobilization and Grading	Locations 55 and 69
The biologist monitored crews mobilizing equipment at Location 55 and grading of the pad at Location 69. The nearby CSS habitat was undisturbed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/3/2022	M. Moutsos	Brow Ditch Excavation	Location 78
The biologist monitored crews grading the pad and excavating the brow ditch at Location 78. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/6/2022	M. Moutsos	Grading and Concrete Pour	Locations 62, 63, and 70
The biologist monitored crews grading at Location 70 and concrete pour activities at Locations 62 and 63. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/6/2022	K. Oberhammer	Mobilization and Drilling	Locations 55 and 58
The biologist monitored drilling at Location 58 and mobilization of equipment at Location 55. The nearby CSS habitat was undisturbed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/7/2022	K. Oberhammer	Vegetation Trimming	Location 7
The biologist monitored vegetation trimming at Location 7. No special-status species were observed, and no biological or aquatic resources were impacted.			
6/8/2022	H. Wood	Vegetation Trimming	Location 7
The biologist monitored crews trimming vegetation at Location 7. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/8/2022	M. Moutsos	Grading	Location 70
The biologist monitored crews grading at Location 70. The nearby CSS habitat was undisturbed. No impacts to biological or aquatic resources occurred.			
6/9/2022	H. Wood	Brow Ditch Excavation and Mobilization	Locations 61 and 64
The biologist monitored crews excavating the brow ditch at Location 64 and mobilized equipment at Location 61. The nearby CSS habitat was undisturbed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			

Date	Biological Monitor	Activity Performed	Project Location
6/10/2022	R. Layden	Mobilization, Excavation, and Brow Ditch Excavation	Locations 56, 59, and 78
The biologist monitored crews mobilizing equipment at Location 56 and 59. The crews began the brow ditch excavation within the developed pad site at Location 59. The crews were monitored excavating material from the pad site at Location 78. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/10/2022	M. Moutsos	Vegetation Trimming	Location 51
The biologist monitored crews trimming vegetation at Location 51. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/13/2022	T. Utic	Vegetation Trimming	Locations 51, 52, 53, and 54
The biologist monitored crews trimming vegetation at Locations 51-54. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/13/2022	M. Moutsos	Brow-Ditch Excavation	Location 67
The biologist monitored crews excavating a brow-ditch at Location 67. No impacts to biological or aquatic resources occurred.			
6/13/2022	K. Oberhammer	Drilling	Locations 56 and 61
The biologist monitored drilling the pole holes at Locations 56 and 61. No impacts to the CSS habitat occurred outside of the work area boundary. No biological or aquatic resources were impacted.			
6/14/2022	T. Utic	Mobilization and Brow-Ditch Excavation	Location 70
The biologist monitored crews mobilizing equipment at Location 70 and began brow-ditch excavations. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/14/2022	B. Latta	Drilling and Vegetation Trimming	Locations 54 and 56
The biologist monitored crews drilling for tower foundation at Location 56. Crews trimmed vegetation at Location 54. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/15/2022	T. Utic	Vegetation Trimming, Demobilization, and Brow-Ditch Installation	Locations 35, 51, 70, and 78
The biologist monitored crews trimming vegetation at Location 35 and a gate removal with a backhoe at Location 51. Crews finished installing the brow-ditch and demobilized equipment at Location 70. At Location 78, crews mobilized equipment and started installing the brow-ditch. The nearby CSS habitat was undisturbed. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/15/2022	B. Latta	V-Ditch Installation, Drilling, Concrete Pouring, and Grading	Locations 55, 56, 63, and 68
The biologist monitored crews digging for the V-Ditch and retaining wall installation at Location 55. The crews performed drilling operations at Location 56. The crews were monitored pouring concrete for the tower foundation form at Location 63. Crews were monitored grading the west side of the pad at Location 68. An orange-throated whiptail (*Aspidoscelis hyperythra)* observed approximately 50 feet southwest of the work area at Location 63. No impacts to biological or aquatic resources occurred.			
6/16/2022	B. Latta	Grading	Location 68

Date	Biological Monitor	Activity Performed	Project Location
The biologist monitored crews grading and exporting soils at Location 68. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/17/2022	R. Layden	Drilling	Location 56
The biologist monitored crews drilling at Location 56. No impacts to biological or aquatic resources occurred.			
6/17/2022	A. Layden	Demobilization and Drilling	Locations 66, 67, 68, and 78
The biologist monitored crews demobilizing equipment from Locations 67, 68, and 78. Crews were monitored drilling at Locations 66 and 68. A coastal California gnatcatcher pair was observed near Location 67 and a wart-stemmed ceanothus was observed at Location 66. No impacts to biological or aquatic resources occurred.			
6/21/2022	B. Latta	Excavation and Ground Rod Installation	Location 67
The biologist monitored crews excavating a ground trench and installing a ground rod at Location 67. A coastal California gnatcatcher and a coastal whiptail were observed near the work area at Location 67. No impacts to biological or aquatic resources occurred.			
6/22/2022	K. Oberhammer	Mobilization and Excavation	Location 64
The biologist monitored crews mobilizing trucks and equipment and began excavating at Location 64. No impacts to the CSS habitat occurred outside of the work area boundary. No biological or aquatic resources were impacted.			
6/22/2022	B. Latta	Drilling and Brow-Ditch Installation	Locations 56 and 67
The biologist monitored crews drilling at Location 56 and began brow-ditch excavations at Location 67. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/22/2022	H. Wood	Overhead Work and Ground Rod Installation	Locations 78 and 100
The biologist monitored crews performing overhead work installing vibration dampers on conductors at Location 100. Crews were monitored installing ground rods in a new trench at Location 78. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/24/2022	H. Wood	Drilling, Excavation, and Brow-Ditch Installation	Locations 56 and 70
The biologist monitored crews drilling at Location 56. Crews were monitored excavating and installing a brow-ditch at Location 70. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/27/2022	M. Moutsos	Excavation and Drilling	Locations 51 and 70
The biologist monitored crews excavating and drilling a new pole hole at Location 51. Crews were monitored grading at Location 70. No special-status species were observed and no impacts to biological or aquatic resources occurred.			
6/27/2022	K. Oberhammer	Drilling and Concrete Pouring	Locations 56 and 68
The biologist monitored crews drilling the pole hole at Location 56. No impacts to the sensitive CSS occurred outside of the work area boundary. Crews were monitored pouring concrete for the brow ditch at Location 68. No biological or aquatic resources were impacted.			
6/28/2022	M. Moutsos	Concrete Pour	Location 55

Date	Biological Monitor	Activity Performed	Project Location
The biologist monitored crews pouring concrete for the brow ditch at Location 55. No impacts to biological or aquatic resources occurred.			
6/28/2022	T. Utic	Concrete Pour, Drilling, and Ground Rod Installation	Locations 56, 62, 63, and 69
The biologist observed crews digging and installing ground rods at Locations 62 and 63. Crews were monitored backfilling the ground rod trenches at Location 69. Crews were monitored drilling for the foundation hole at Location 56. No impacts to the sensitive CSS occurred outside of the work area boundaries. No impacts to biological or aquatic resources occurred.			
6/29/2022	T. Utic	Drilling, Ground Rod Installation, and Grading	Locations 56, 59, 65, 68, and 69
The biologist observed crews drilling at Location 56 and installing ground rods at Locations 59 and 65. Crews were monitored grading at Locations 68 and 69. No impacts to the sensitive CSS occurred outside of the work area boundaries. No impacts to biological or aquatic resources occurred.			
6/30/2022	M. Moutsos	Pole Installation	Location 70
The biologist monitored crews performing overhead work using a crane to unload segments for the new pole at Location 70. No special-status species were observed and no impacts to biological or aquatic resources occurred.			

ATTACHMENT 4
NEST LOG

Nest Log

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
20220308_BUSH_77_01	Bushtit (*Psaltriparus minimus*)	Inactive (Fledged)	100 feet	35 feet	Location 77
On April 5, Location 77 was swept for nesting birds prior to BMP installation activities. The bushtit nest was checked on and no activity was observed. There were no active nests in the area.					
20220329_NOMO_60_01	Northern Mockingbird *(Mimus polylottus)*	Inactive (Failed)	100 feet	8 feet	Location 60
On April 5, the biologist could see the northern mockingbird sitting low in incubation posture on the nest. On April 6, the nest was watched for a period of time, no activity was observed until a passing rabbit flushed the bird from the nest. The nesting northern mockingbird returned shortly after and did not leave for the remainder of the observation period. No construction activities are currently scheduled at Location 60. On April 13, the biologist observed the northern mockingbird incubating two eggs within the black sage "*Salvia Mellifera"* shrub. No construction activities are planned at this location until the nest fledges or otherwise becomes inactive. On April 20, the biologist observed the northern mockingbird nest. The nest is 8 feet from the work area. The pair was not seen on the nest during the observation period. However, there were no signs of predation, the nest appeared neat and there were no eggshell remains anywhere around the nest. On April 21, the nest was observed by the biologist. The nest was not visited by either of the nesting pair. It had been 21 days since the nest became active typically incubation only take 12-14 days. After two days of inactivity, the nest was visually inspected, and the egg could be seen in the nest unattended. The nest is inactive. No construction activity took place within the standard buffer while the nest was active.					
20220323_CAKI_SanElijo_01	Cassin's Kingbird (*Tyrannus vociferans*)	Inactive (Failed)	100 feet	30 feet	San Elijo Yard
On April 4, the biologist observed the pair maintaining a territory within the eucalyptus trees and surrounding habitat. The pair mobbed passing birds. One of the nesting individuals perched adjacent to the nest for the majority of the observation period. A second pair begun frequenting a nearby palm tree, the two pairs occasionally clashed in a loud and vibrant display. The new pair will need to be monitored for nesting behavior. All staging yard operations/construction activity took place outside the standard buffer and the modified buffer A dozer was used to mix the stockpile, while a water truck kept the pile moist for fugitive dust control. On April 6, this nest was considered inactive. This nest failure is being considered non-Project related as the majority of the work in the staging yard has occurred outside the standard buffer of 100 feet, and no work has been performed within the modified buffer of 30 feet. Previously, the pair was undisturbed by construction activity while incubating. A second pair of Cassin's Kingbirds has been frequenting a nearby palm tree, and the two pairs have been clashing which may have contributed to the nest failure. The nesting pair have begun nest building in a eucalyptus tree east of the original nest, undisturbed by the continued construction activity.					
20220329_NOMO_60_01	Northern Mockingbird *(Mimus polylottus)*	Inactive (Failed)	100 feet	8 feet	Location 60

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On April 13, the biologist observed the northern mockingbird incubating two eggs within the black sage shrub *"Salvia Mellifera.*" No construction activities are planned at this location until the nest fledges or otherwise becomes inactive. April 20, the biologist observed the northern mockingbird nest. The nest is 8 feet from the work area. The pair was not seen on the nest during the observation period. However, there were no signs of predation, the nest appeared neat and there were no eggshell remains anywhere around the nest. On April 21, the nest was observed by the biologist. The nest was not visited by either of the nesting pair. It had been 21 days since the nest became active typically incubation only take 12-14 days. After two days of inactivity, the nest was visually inspected, and the egg could be seen in the nest unattended. The nest is inactive. No construction activity took place within the standard buffer while the nest was active.					
20220331_CAGN_68_01	Coastal California Gnatcatcher *(Polioptila californica californica)*	Inactive (Failed)	300 feet	60 feet	Location 68
On April 7, after an extended period of observation, the biologist concluded the coastal California gnatcatcher nest is no longer incubating and the nest is inactive. During the observation the pair did not visit the nest, could not be seen in incubation posture, and they were not heard nor seen in their established territory east of the work limit. The nest failure is non-project related as no work has occurred at location 68 or within the standard buffer of 300 feet since before the nest was active. Following the nest failure, it is likely the pair will begin nesting efforts again within their new territory.					
20220412_MODO_SESY_01	Mourning Dove *(Zenaida macroura)*	Inactive (Fledged)	100 feet	89 feet	San Elijo Staging Yard
On April 12, the biologist discovered a mourning dove nest at the San Elijo Staging Yard. The nest is a small collection of sticks on a palm frond atop the fence next to the palm tree approximately 5 feet off the ground. On April 20, the biologist observed the existing mourning dove nest at the San Elijo Staging Yard. The nest is still incubating. On April 22, the female was observed incubating. On April 25, the female was observed sitting on the nest. On April 28, the biologist could see the female on the nest with her nestlings. On April 29, the nestlings and nesting pair left the nest.					
20220413_CAGN_64_01	Coastal California Gnatcatcher *(Polioptila californica californica)*	Inactive (Failed)	300 feet	152 feet	Location 64
On April 13, the biologist discovered a coastal California gnatcatcher nest at Location 64. The cup nest is located in an "*Artemisia californica*" shrub approximately 3 feet off the ground. The female was observed in incubation posture. On April 19, the biologist observed the existing coastal California gnatcatcher nest. The female was observed sitting on the nest brooding eggs.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On April 20, the nest is incubating. Due to the difference in elevation, noise did not affect the incubation process and no signs of distress were exhibited. On April 21, the nest is continuing incubation and did not exhibit flushing or signs of distress while crews mobilized compressors throughout the day. On April 22, the biologist observed the pair incubating the nest. No flushing or signs of distress were observed while crews created the pad. On April 25, the male was observed feeding the nestlings within the nest. No flushing or signs of disturbance as a result of construction was observed. On April 27, the biologist observed the pair active near the nest. Throughout the day the pair alternated making nest visits to feed the nestlings. The male was also observed flying throughout their territory and calling. The pair was also observed interacting with a western scrub jay in a laurel sumac (*Malosma laurina)* approximately 25 feet west of the nest. On April 28, the pair was not seen nor heard within the nest vicinity when the biologist arrived. The pair's activity during the previous two days of monitoring was audible and consistent. The biologist approached the nest after approximately two hours of no visual or audible detections. Upon arrival, the biologist documented an empty nest and nest material and eggshell fragments on the ground underneath. The nest was intact, but in disarray. The pair was later detected approximately 100-150 feet east of the nest site and were observed foraging within several black sage shrubs. It appears that the nest was predated upon, given the interaction with the western scrub-jay the biologist observed the previous day.					
20220413_BGGN_64_01	Blue-Gray Gnatcatcher *(Polioptila caerulea)*	Inactive (Failed)	100 feet	98 feet	San Elijo Staging Yard
On April 13, the biologist discovered a blue-gray gnatcatcher nest at the San Elijo Staging Yard. The small cup nest is located in the fork of a chamise shrub. The female could be seen sitting in incubation posture on the nest. On April 19, the biologist observed the nest at Location 64. Upon arrival, neither of the nesting pair were observed on the nest. After 1 hour of observation with no signs of the nesting pair, the biologist checked the nest. There were no longer eggs in the nest and the interior lining looked disturbed. No work took place at Location 64 or within the standard buffer, and the nest failure was non-Project related.					
20220414_HOFI_SanElijo SY_01	House Finch *(Haemorhous mexicanus)*	Inactive (Fledged)	100 feet	20 feet	San Elijo Staging Yard
On April 14, the biologist discovered a new house finch nest at the San Elijo Staging Yard. The nest is located within the hole in the attachment piece of the transformer to the I-beam on the substation equipment. The nest has been built, incubated, and hatched during ongoing construction activity. On April 20, the male and female were observed visiting the nest. Nestling calls were audible. On April 22, the nest was observed to be fledged.					
20220414_HOFI_SanElijo SY_02	House Finch *(Haemorhous mexicanus)*	Inactive (Fledged)	100 feet	20 feet	San Elijo Staging Yard

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On April 14, the biologist discovered a new house finch nest at the San Elijo Staging Yard. The male and female were observed visiting the lone palm tree, when they flew into the palm nestlings could be heard begging for food. On April 22, the nest was observed to be fledged.					
20220414_HOFI_RockSpringsSY_01	House Finch *(Haemorhous mexicanus)*	Inactive (Fledged)	100 feet	5 feet	Rock Springs Staging Yard
On April 14, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located in a bucket truck parked at the center of Rock Springs Staging Yard. The pair chose to build a nest, lay eggs, incubate, and brood nestlings during daily construction yard operations within the standard buffer. On April 19, the biologist observed the nest at Rock Springs Staging Yard. The biologist observed the nesting pair visiting the cavity with the nest. The nest is still active.					
20220415_HOFI_77_01	House Finch *(Haemorhous mexicanus)*	Inactive (Fledged)	100 feet	20 feet	Location 77
On April 15, the biologist discovered a new house finch nest at Location 77. The nest lies in the gap between the I-beam and attachment point on the east most transformer on the H-frame of the equipment adjacent to the work limit. The active nest has been built, incubated, and hatched during ongoing construction activity including the operation of drilling equipment, a skid steer, and compressors. On April 18, the biologist monitored the nest at Location 77. The nest still contains nestlings and did not appear to be impacted by the drilling activities. On April 20, the biologist observed the pair foraging and feeding the nestlings. On April 22, the male and female were observed leaving and returning to the nest throughout the day. On April 26, the biologist observed the male feeding nestlings during the nest check. The nesting pair and nestlings did not exhibit signs of flushing or disturbance in response to construction activity.					
20220415_HOFI_RockSpringsSY_02	House Finch (Haemorhous mexicanus)	Inactive (Fledged)	100 feet	15 feet	Rock Springs Staging Yard
On April 15, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located in the pully system for the cables on the crane. The nest can be seen from the ground. the active nest has been built, incubated and hatched during ongoing construction activity including staging yard operations, moving vehicles, and mobilization of equipment. On April 19, the biologist observed the female flying into the cavity. She remained in the cavity only exiting for brief periods of time to meet the male atop the tip of the crane. The behavior of the female indicates she is brooding the eggs. On April 26, the biologist observed three of the eggs fell slightly off the nest and have expired in the sun. The female was seen incubating the remaining eggs. No flushing or signs of distress were observed during staging yard activity. On May 3, the biologist observed the nesting pair feeding nestlings in the cavity.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On May 4, the biologist observed the nesting pair taking trips into the cavity to feed the nestlings. On May 10, the biologist observed the nest was successful and produced fledglings.					
20220418_HOFI_RockSprings_03	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	10 feet	Rock Springs Staging Yard
On April 18, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located in a small cavity on the arm of the auger on a line truck. The active nest has been built, incubated, and hatched during ongoing use of the staging area. On April 19, the nesting pair was observed visiting the cavity with the nest. The nest is still active. On April 26, no activity was observed from the nest and several fledglings were observed in the area. This nest has fledged.					
20220418_HOFI_RockSprings_04	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	15 feet	Rock Springs Staging Yard
On April 18, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located on the underside of a flat-bed trailer. The active nest has been built, incubated, and hatched during ongoing use of the staging area. On April 19, the nesting pair was observed visiting the nest. The nest is still active. On April 26, the nest has fledged. A fledgling was observed briefly visiting the nest. No signs of disturbance were observed during staging yard activity.					
20220419_MODO_64_01	Mourning Dove (*Zenaida macroura*)	Inactive (Fledged)	100 feet	20 feet	Location 64
On April 19, the biologist discovered a new mourning dove nest at Location 64. The nest is on the basal fork of a *Salvia mellifera* shrub located approximately 15 - 20 feet north of the temporary work area. The pair were seen intermittently swapping positions and taking turns incubating the nest. The nest has been built and incubating during ongoing construction activity. On April 21, the pair is continuing to incubate and did not exhibit flushing or signs of distress while crews mobilized compressors throughout the day. On April 22, the pair are incubating the nest. Though they are 20 feet away, they are hidden well in the dense coastal sage scrub canopy and did not exhibit signs of distress or flushing while the crew graded the pad in the work area of location 64. On April 25, the female was observed incubating the nest prior to the start of construction. On April 26, the pair was still incubating at the nest site located approximately 20 feet from the work area. No change in behavior was observed. On April 27, the pair continued to incubate at the nest site. The nest was observed before, during, and after work activities and no change in behavior was observed. On April 28, the pair continued to incubate at the nest site. The biologist carefully checked the bird's activity before, during, and after drilling and compressor removal activities. No change in behavior was observed.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On April 29, the female was still incubating the nest. No flushing occurred at the onset of construction nor were any signs of disturbance observed. On May 2, the biologist did not visually observe nestlings, but it is assumed the nest has squabs due to the amount of time elapsed from the first incubation observation. The male was seen sitting atop the nest with assumed squabs underneath. On May 3, the biologist observed the male sitting atop the squabs within the nest. The pair did not flush while work occurred, and no signs of disturbance were observed. On May 19, the biologist observed the empty and intact nest. The fledglings likely left the nest.					
20220421_NOMO_73_01	Northern Mockingbird (*Mimus polylottus*)	Inactive (Fledged)	100 feet	42 feet	Location 73
On April 21, the biologist discovered a new northern mockingbird nest. The nest is located along the side of the access road leading to Locations 65-69, 73, 77, and 78 in a laurel sumac (*Malosma laurina) shrub*. The nest is 42 feet east of Location 73.					
20220422_CALT_62_01	California Towhee (*Melozone crissalis*)	Inactive (Fledged)	100 feet	42 feet	Location 62
On April 22, the biologist discovered a new California towhee nest. The nest is located in the middle of a California sagebrush (*Artemisia californica*) shrub off the side of the access road 42 feet southwest of the work limit and 6 feet from a frequently used access road. On April 26, one of the nesting pair was observed feeding the nestlings. No construction activity occurred.					
20220422_HOFI_62_01	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	10 feet	Location 62
On April 22, the biologist discovered a new house finch nest. The nest is located in the lowest east-facing cross arm of the non-Project-related pole near Location 62, where the work limit boundary is approximately 10 feet from the nest.					
20220425_BGGN_55_01	Blue-Gray Gnatcatcher (*Polioptila caerulea*)	Inactive (Predated)	100 feet	25 feet	Location 55
On April 25, the biologist discovered a new blue-gray gnatcatcher nest at Location 55. The female was observed sitting in the nest, low in incubation posture. The nest is located in the fork of a tall scrub oak tree approximately 18 feet from the ground. On April 26, the female was observed sitting on the nest, and the biologist left to reduce the chance of predation from the nearby scrub jay watching. On April 27, the female was observed sitting on the nest in incubation posture. The nesting pair was not disturbed by the crews demobilizing equipment. On April 28, the biologist limited the observation period to the minimum amount of time needed to identify the status of the nest to reduce the chance of potential predation from the nearby scrub jays. The nest is still active.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On April 29, the nest is active. Once the status of the nest was confirmed the biologist left quickly to reduce the potential of predation from the nearby scrub jays. On May 3, the biologist did not see either of the nesting pair sitting on the nest. During this period, a pair of scrub jay were observed foraging in the area. After a long period of observation without seeing the nesting pair in or around the nest, the biologist began glassing the surrounding vegetation, below the nest the finer material from the inner lining of the nest was seen strew across the branches of nearby trees and it was found at the base of the oak tree housing the nest. This is a clear indication of predation.					
20220426_CAKI_SESY_02	Cassin's Kingbird (*Tyrannus vociferans*)	Inactive (Fledged)	100 feet	50 feet	San Elijo Staging Yard
On April 26, the biologist discovered a pair of Cassin's kingbirds nested in an old nest at the San Elijo Staging Yard. The nest is located at the terminal point of a main branch in a eucalyptus tree. the active nest has been built and maintained with ongoing staging yard operations. On April 27, the biologist kept observations to a minimum to prevent potential predation of the nest. The nesting pair was observed bringing food items to the nest. On April 28, the female was observed flying off the nest, greeting the male. She later returned to the nest. The female had been on the nest for the remainder of the observation period. The male spent the majority of the observation period perched 15 feet away from the nest on the distribution lines near the nest. On May 2, the biologist observed the female on the nest and the male on the nearby powerline. On May 5, the biologist observed the nesting pair still actively attending their nest, the male was observed mobbing another kingbird that passed nearby. On May 10, the biologist observed the female flying onto the nest, where she remained for the duration of the observation period. On May 11, the biologist observed the female shuffling around on the nest. On May 12, the biologist observed the Cassin's kingbird sitting on the nest, likely brooding nestlings. On June 1, the biologist observed the nest has fledged.					
20220426_HOOR_SESY_01	Hooded Oriole (*Icterus cucullatus*)	Inactive (Fledged)	100 feet	50 feet	San Elijo Staging Yard
On April 26, the biologist discovered a new hooded oriole nest at the San Elijo Staging Yard. The nest is located hanging on the main branch of a tree and is located 6 feet west of the Cassin's kingbird nest. The active nest has been built and maintained with ongoing staging yard operations. On April 28, the female was observed leaving the nest for a short period of time before returning to the nest for the remainder of the observation period. On May 2, the biologist observed the pair within the adjacent eucalyptus tree before the female returned to the nest site and was no longer visible during the observation period. The male was observed throughout the observation period within the eucalyptus and palm tree next to the staging yard.					
20220426_CALT_68_01	California Towhee *(Melozone crissalis)*	Inactive (Fledged)	100 feet	47 feet	Location 68

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On April 26, the biologist discovered a new California towhee nest at Location 68. The nest is located 47 feet northeast of the work limit at location 68 and approximately 20 feet from the dirt access road. It is located 1 foot off the ground in a "*Salvia mellifera*" shrub. Nestlings were observed. On April 28, the nesting pair were observed bringing food items to the nestlings. On April 29, the nesting pair was observed bringing food items to the nestlings within the "*Salvia mellifera."* On May 2, the biologist observed the nestlings in and around the nest, they are almost developed enough to fledge. The parental pair is still feeding them, and they are unaffected by the construction activity. On May 3, the biologist observed the nestlings taking short flights in the surrounding sage brush that housed their nest. The nestlings have fledged.					
20220502_HOFIRockSpringsSY_08	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	5 feet	Rock Springs Staging Yard
On May 2, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located in the flap of the joint of the bucket lift on the line truck within a foot of the previous nest. On May 4, the biologist observed the female flying into the cavity, she left briefly to meet the male perched atop the truck. On May 20, the biologist observed an adult incubating in the nest. On May 24, the biologist observed the pair making trips to the nest with food items. On May 26, the biologist observed the nestlings begging when the adults entered the cavity to feed.					
20220502_HOFI_RockSpringsSy_05	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	5 feet	Rock Springs Staging Yard
On May 2, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located within in the cavity within the joint of the bucket lift. On May 4, the biologist observed the female flying into the cavity. The female remained in the cavity, indicating incubation. On May 20, the biologist observed the female flying into the cavity with the nest. She remained in the nest for the remainder of the survey. On May 25, the biologist determined the nest to be fledged. The nesting pair were observed feeding the fledgling on equipment nearby the old nest.					
20220502_HOFI_RockSpringsSY_06	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	5 feet	Rock Springs Staging Yard
On May 2, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located on the southeast corner of the trailer and is 6 inches from the previous nest located on this trailer. On May 4, the biologist observed the female flushed from the cavity and join the male in mobbing another pair that landed near their nest. Once they chased off the other pair, the female returned to the nest.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On May 20, the biologist observed the male bringing food items to the incubating female. On May 25, the biologist determined the nest to be fledged. The nesting pair were observed feeding the fledgling on equipment nearby the old nest.					
20220502_HOFI_RockSpringsSY_07	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	5 feet	Rock Springs Staging Yard
On May 2, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is in the cavity located in the beam of support which holds the crane arm. On May 4, the biologist observed the female flying into the cavity. She remained in the cavity, indicating incubation. On May 20, the biologist observed the male bringing food items to the incubating female. On May 25, the biologist determined the nest to be fledged. The nesting pair were observed feeding the fledglings in the nearby trees.					
20220503_LEGO_62_01	Lesser Goldfinch (*Spinus psaltria*)	Inactive (Fledged)	100 feet	58 feet	Location 62
On May 3, the biologist discovered a new lesser goldfinch nest at Location 62. The nest is located in a eucalyptus tree (*Eucalyptus sp.)* approximately 58-feet southwest of Location 62 work limits. Additionally, the nest is roughly 20-feet off the ground east of the tree. On May 26, the biologist determined the nest to be inactive. No activity was seen, and no lesser goldfinches were seen in the vicinity of this nest.					
20220503_HOFI_RockSpringsSY_09	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	5 feet	Rock Springs Staging Yard
On May 2, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located in a cavity in the spherical plastic covering of the joint attachment of the bucket to the arm of the lift. Female was observed incubating eggs. This nest is located on equipment that already has an active nest. On May 4, the biologist observed the female flying into the cavity. She remained in the cavity, indicating incubation. On May 13, the biologist observed the nest with nestlings. On May 20, the biologist observed the pair attending the nest. On May 24, the biologist observed the nestlings begging when the parental pair would enter the cavity with food items. On May 26, the biologist observed the nestlings begging when the adults entered the cavity to feed. On May 27, the biologist observed the nestlings begging from within their cavity.					
20220504_HOFI_RockSpringsSY_10	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	5 feet	Rock Springs Staging Yard

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On May 4, the biologist discovered a new house finch nest at the Rock Springs Staging Yard. The nest is located in the cavity on the east side of a bucket truck. On May 13, the biologist observed the incubating nest. On May 20, the biologist observed the female sitting in the nest in the incubation posture. On May 25, the biologist determined the nest to be fledged. The fledglings were observed begging for food outside the nest.					
20220505_GRRO_57_01	Greater Roadrunner (*Geococcyx californianus*)	Inactive (Fledged)	100 feet	25 feet	Location 57
On May 5, the biologist discovered a new greater roadrunner nest at Location 57. The nest is located within the stand of "*Opuntia*" on the northern edge where the cactus creeps below the canopy of the "*Malosma laurina*". It is situated about a foot off the ground and is comprised of sticks laid horizontally along a lateral paddle within a small natural alcove created by the branching nature of the cactus. On May 6, the biologist monitored the pair taking trips to the nest carrying food items including a small gopher snake, an alligator lizard, and a western fence lizard. On May 9, the biologist noted that the nestlings are growing, and their juvenile plumage is almost complete with downy feathers still present. The adult pair brought food to the nest. On May 10, the biologist observed the nestlings in the nest and an adult was observed several times bringing food back to the nest. On May 11, the biologist observed an adult making feeding trips to the nest. The nestlings were also observed at the nest being fed by the adult. On May 12, the biologist observed the active nest with nestlings. The nest was not disturbed during drilling. On May 13, the biologist observed an adult intermittently bringing food items to the nest-site. No disturbances to the pair were observed. On May 16, the biologist noted that the nest is brooding. The adult pair brought food to the nest. No disturbances to the nest were observed. On May 17, the biologist observed the nestlings on the nest. The adult was observed bringing food items to the nest site. They remained undisturbed by the crew demobilizing equipment. On May 18, the biologist observed the nestling being fed by the adult. On May 19, the biologist observed an adult intermittently delivering food items to the nest site. On May 20, the biologist observed the nestlings sitting in the nest.					
20220506_LEGO_SanElijo_01	Lesser Goldfinch (*Spinus psaltria*)	Inactive (Predated)	100 feet	45 feet	San Elijo Staging Yard
On May 6, the biologist discovered a new lesser goldfinch nest at the San Elijo Staging Yard. The nest is located in the crux of a eucalyptus tree approximately 15 feet in elevation. On May 10, the biologist observed the female sitting on the nest. On May 11, the biologist observed the female sitting on the nest.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On May 12, the biologist observed the female was sitting on the nest. On May 23, the biologist observed the adult either incubating or brooding chicks. On May 24, the biologist observed the nest incubating or brooding. On June 2, the biologist observed the nest has been predated.					
20220506_LEGO_San Elijo_02	Lesser Goldfinch (*Spinus psaltria*)	Inactive (Predated)	100 feet	45 feet	San Elijo Staging Yard
On May 6, the biologist discovered a new lesser goldfinch nest at the San Elijo Staging Yard. Nest is located within a low-hanging eucalyptus branch approximately 15 feet above the ground. On May 10, the biologist observed the female sitting on the nest. On May 11, the biologist observed the nest spread across the eucalyptus branches, and the nesting pair was no longer present. The nest was predated.					
20220509_CATH_57_01	California Thrasher (*Toxostoma redivivum)*	Inactive (Fledged)	100 feet	15 feet	Location 57
On May 9, the biologist discovered a new California thrasher nest at Location 57. The nest is located west of the access road in the low branches of the laurel sumac shrub. On May 12, the biologist observed the active nest incubating. The nest was not disturbed during drilling. On May 16, the biologist observed an adult incubating at the nest site. No disturbances were observed. On May 17, the biologist observed the adult pair incubating within the nest. On May 18, the biologist observed the nest incubating. On May 19, the biologist observed an adult incubating in the nest. No disturbance to the nest was observed. On May 20, the biologist observed the pair attending the nest. One adult was observed sitting in the nest in the incubation posture.					
20220510_NOMO_RockSpringsSY_01	Northern Mockingbird (*Mimus polyglottus)*	Inactive (Predated)	100 feet	40 feet	Rock Springs Staging Yard
On May 10, the biologist discovered a new northern mockingbird nest at the Rock Springs Staging Yard. The nest is located in the scrub oak along the eastern fence of the staging yard. The nest lies 3 feet off the ground in the scrub oak tree. On May 20, the biologist observed the nesting pair mobbed by a crow as it passed by the nest. On May 25, the biologist observed signs of depredation on the nest. The inner lining of the nest was torn out and strewn about.					
20220511_CALT_RockSpringsSY_01	California Towhee (*Melozone crissalis)*	Inactive (Fledged)	100 feet	30 feet	Rock Springs Staging Yard

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On May 11, the biologist discovered a new California towhee nest at the Rock Springs Staging Yard. The nest is located in an oak tree hanging on the eastern fence in the middle of the yard. The small cup nest is resting on the fence in the branches. On May 20, the biologist observed one adult flushed from the nest when a crow flew near the nest. The adult returned to the nest after the crow was chased off by the northern mockingbird pair nearby. On June 1, the biologist observed the nest has fledged.					
20220512_HOWR_SanElijoSY_01	House Wren (*Troglodytes aedon)*	Inactive (Fledged)	100 feet	40 feet	San Elijo Staging Yard
On May 12, the biologist discovered a new house wren nest at the San Elijo Staging Yard. The nest is located where the northwest row of insulators meets the I-beam. On the I-beam, there is a small cavity in the attachment piece; several sticks can be seen protruding from the cavity. The male was observed bringing a food item inside the cavity. No begging was heard from nestlings; therefore, it is likely it was a food delivery to the incubating female. On May 23, the biologist observed the adult delivering food items to the nest. On May 24, the biologist observed the adult taking fecal sac out of the nest cavity. On May 26, the biologist observed the adult frequenting the nest in the water valve, and chicks were visible inside the nest.					
20220513_CALT_62_02	California Towhee (*Melozone crissalis)*	Inactive (Fledged)	100 feet	44 feet	Location 62
On May 13, the biologist discovered a new California towhee nest at Location 62. The incubating nest is located in the same recorded location as before. It is approximately 2-3 feet off the ground within a canopy of "*artemisia californica"* located approximately 44 feet southwest of Location 62. On May 18, the biologist observed the nest incubating. On May 23, the biologist observed the adult in the adjacent areas near nest. It is assumed the adult is discreetly entering the nest through the thick canopy of the sagebrush. On May 31, the biologist observed the adult brooding nestlings.					
20220512_BGGN_68_01	Blue-Gray Gnatcatcher (*Polioptila caerulea)*	Inactive (Fledged)	100 feet	80 feet	Location 68
On May 13, the biologist discovered a new blue-Gray gnatcatcher nest at Location 68. The incubating nest is located approximately 5 to 6 feet off of the ground in the fork of a high branch of a "*Xylococcus bicolor"* shrub. The shrub is located approximately 94 feet north of the work area and 80 feet east of the access road. On May 16, the biologist observed the female incubating. On May 17, the female was observed sitting on the nest in incubation posture. On May 18, the biologist observed the female incubating. On May 19, the female was observed incubating.					
20220516_HOFI_78_01	House Finch	Inactive (Fledged)	100 feet	15 feet	Location 78

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
	(*Haemorhous mexicanus*)				
On May 16, the biologist discovered a new house finch nest at Location 78. The nest is located below the east most transformer in the cavity where this pair previously nested earlier in the season. On May 18, the biologist observed the adult pair feeding the nestlings. On May 19, the biologist observed the adult pair feeding the nestlings. On May 23, the biologist observed the nest active with the adults feeding the nestlings. On May 24, the biologist observed the female brooding the nestlings On May 26, the biologist determined the nest to be fledged. House finch fledglings were observed in the nearby habitat, and the parental pair were no longer making trips to the nest.					
20220516_CALT_78_01	California Towhee (*Melozone crissalis)*	Inactive (Fledged)	100 feet	75 feet	Location 78
On May 16, the biologist discovered a new California towhee nest at Location 78. The nest is located on the edges of the canopy of a "*Malosma Laurina*" shrub behind the dead tree easily visible from the path above the work limit for Location 78. On May 18, the biologist observed the female incubating. On May 19, the female was observed incubating. On May 23, the biologist observed the nest within the thick canopy and there are no signs of disturbance while crews worked. It is assumed the nest is incubating. On May 24, the biologist observed the nest incubating. On June 2, the biologist observed the pair brooding, and the chicks were heard begging. On June 3, the biologist observed the adult is brooding. The adult pair were observed intermittently feeding and brooding the chicks. No signs of distress or disturbance was observed. On June 10, the biologist did not observe activity at the nest.					
20220517_CALT_69_01	California Towhee (*Melozone crissalis)*	Inactive (Fledged)	100 feet	22 feet	Location 69
On May 17, the biologist discovered a new California towhee nest at Location 69. The nest is located in a dense "*Salvia mellifera*" shrub 22 feet north of the work limit 4 feet off the ground. The nestlings were present, and the nest is active. On June 1, the biologist observed the nest has fledged.					
20220519_WREN_61_01	Wrentit *(Chamaea fasciata)*	Inactive (Fledged)	150 feet	66 feet	Location 61
On May 19, the biologist discovered a new wrentit nest at Location 61. The nest is in a black sage (*Salvia mellifera*) shrub approximately 66 feet southeast of Location 57 work limits. Additionally, the nest is situated close to the ground by approximately 1 foot.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On June 2, the biologist observed the adult in close proximity to the nest throughout the observation period and it was observed making a return to the shrub containing the nest. The nest is under a shrub canopy, and it is assumed the adult is still brooding nestlings. On June 3, the biologist observed the adult pair foraging within the vicinity of the nest-site and delivering food items to fledglings. The fledglings were dispersed downslope from the nest site. It was determined that the nest has fledged.					
20220523_CAGN_66_01	Coastal California Gnatcatcher (*Polioptila californica californica*)	Inactive (Fledged)	300 feet	160 feet	Location 66
On May 23, the biologist discovered a new coastal California gnatcatcher nest at Location 66. The nest is 4 feet off the ground in the fork of a black sage shrub. The nest is located 160 feet from western edge of the work limit. The female was observed sitting on the nest, it has not yet been determined if she is incubating eggs or brooding chicks. On May 31, the biologist observed the nesting pair brooding. On June 1, the biologist observed the nesting pair brooding chicks.					
20220524_CAGN_67_01	Coastal California Gnatcatcher (*Polioptila californica californica*)	Inactive (Fledged)	300 feet	300 feet	Location 67
On May 24, the biologist discovered a new coastal California gnatcatcher nest at Location 67. The nest-start is in a back sage shrub approximately 250 feet southwest of Location 67 work limits. Additionally, the nest sits roughly 1 foot off the ground on a north-facing slope. The nest-site and surrounding vegetation provide an adequate visual buffer from proposed construction activities.					
20220527_HOWR_SanElijoSY_02	House Wren (*Troglodytes aedon*)	Inactive (Fledged)	100 feet	62 feet	San Elijo Staging Yard
On May 24, the biologist discovered a new house wren nest. The nest is approximately 62 feet southeast of the San Elijo Staging Yard work limits. Additionally, the nest is on an open pipe on the northeast side of a small building. On June 6, the biologist observed the nest to be fledged.					
20220526_HOFI_78_03	House Finch (*Haemorhous mexicanus*)	Inactive (Fledged)	100 feet	15 feet	Location 78
On May 26, the biologist discovered a new house finch nest at Location 78. Th nest is located in a cavity on the upper right portion in a horizontal beam of the H-Frame structure.					
20220601_HOFI_56_01	House Finch *(Haemorhous mexicanus)*	Inactive (Fledged)	100 feet	20 feet	Location 56

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On June 1, the biologist discovered a new house finch nest. The nest is located in the top crossarm of the tower. The main entrance used to enter the cavity is near the center of the tower. Both adults were seen intermittently going in the cavity approximately every 20 minutes. The nest has nestlings. On June 7, the biologist observed the nest with nestlings. On June 10, the biologist observed the pair nest building and bringing material into the nest area. On June 13, the biologist observed the pair visiting the nest once per hour. The nest is in the later nesting stage. On June 14, the biologist observed the pair entering the nest. On June 15, the biologist observed the pair entering the nesting area. On June 16, the biologist observed the nest to be fledged. The adults were feeding the fledglings on and near the tower.					
20220602_HOFI_SESY_03	House Finch *(Haemorhous mexicanus)*	Inactive (Fledged)	100 feet	40 feet	San Elijo Staging Yard
On June 2, the biologist discovered a new house finch nest. The nest is located within the top portion of a eucalyptus tree located south of the yard. The nest has nestlings. On June 6, the biologist observed the female brooding nestlings. On June 7, the biologist observed the nest with nestlings. On June 13, the biologist did not observe any activity in the nest. The nest has been fledged.					
20220607_CAGN_67_01	Coastal California Gnatcatcher (*Polioptila californica californica)*	Inactive (Fledged)	300 feet	255 feet	Location 67
On June 7, the biologist discovered a new coastal California gnatcatcher nest. The nest is located in a laurel sumac *(Malosma laurina)* shrub approximately 255 feet south-southwest of location 67 work limits. Additionally, the nest sits roughly 2 feet off the ground on a northwest-facing slope. The nest site is significantly downslope from Location 67 which provides a good visual buffer from proposed construction activities. On June 13, the biologist observed the male foraging in the vicinity in the nest vocalized prior to initiating an incubation swap. No discernible stress or disturbance to the pair was observed. The pair did not hesitate to return to the nest and intermittently foraged within the vicinity of the nest-site. On June 16, the biologist did not detect any activity at the nest site – follow up required. On June 20, the biologist observed the adult pair actively foraging along the nest ridge. On June 21, the biologist observed the adult pair visiting the nest area. The adult pair were foraging and vocalizing. On June 22, the biologist observed the nest to be fledged. The female was observed foraging with and feeding the fledgling 75 feet north of the nest location.					
20220609_BUSH_51_01	Bushtit *(Psaltriparus minimus)*	Active	100 feet	60 feet	Location 51

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On June 9, the biologist discovered a new bushtit nest. The nest is located approximately 60 feet northeast of Location 51 within work limits in a Peruvian pepper *(Schinus molle*) tree. Additionally, the nest is approximately 10 feet off the ground. On June 10, the biologist observed the nest incubating. On June 27, the biologist monitored the nest during the spot check. The bushtits were brooding. At least one adult was observed bringing food items to the nest during construction activities. No disturbance to the nest was observed.					
20220617_CAGN_64_02	Coastal California Gnatcatcher (*Polioptila californica californica)*	Active	300 feet	275 feet	Location 64
On June 17, the biologist discovered a new coastal California gnatcatcher nest. The nest is located approximately 3 feet off the ground in a desiccated California sagebrush. The nest abuts a public hiking trail, on the north side, and is exposed and visible within the shrub. The incubating female did not flush when hikers passed her on the trail. On June 22, the biologist observed the nest incubating with the female remaining in the nest as pedestrians walked on the nearby trail. The nest was monitored as construction activity took place and there were no signs of flushing or disturbance. On June 27, the biologist observed the male incubating in the nest while the female was close by foraging to the south. The adults were aggressively calling out during this time, but the male did not leave the nest. On June 28, the biologist observed the pair brooding chicks. Periodic observations of the nest were conducted as needed during construction activities. The female delivered food to the nest and fed the chicks. No discernable disturbance to the nest was observed.					
20220617_NOMO_66_01	Northern Mockingbird *(Mimus polyglottus)*	Active	100 feet	10 feet	Location 66
On June 17, the biologist discovered a new northern mockingbird nest. The nest is located 4 feet above the ground, in a California buckwheat/chamise shrub complex. The biologist observed adults feeding chicks during construction activities. After construction demobilized from the site, the adults continued to feed the chicks and nestlings were heard begging. The nesting activity did not appear to be disturbed by construction.					
20220620_HOFI_106_01	House Finch (*Haemorhous mexicanus*)	Active	100 feet	60 feet	Location 106
On June 20, the biologist discovered a new house finch nest. The nest is located in the upper portion of the dense foliage of a Mediterranean cypress.					
20220621_NOMO_100_01	Northern mockingbird *(Mimus polyglottus)*	Active	100 feet	12 feet	Location 100
On June 21, the biologist discovered a new northern mockingbird nest. The nest is approximately 3 feet above the ground and is in the nestling stage. The nestling appeared to be in the later stages of development.					

Nest ID	Species	Status	Standard Buffer	Reduced Buffer	Project Location
On June 22, the biologist observed the adults feeding the fledglings. The feeding continued uninterrupted while brief overhead work took place. On June 28, the biologist observed the pair brooding. At least one adult was observed delivering a food item to the nest. Brood begging calls were heard at the nest site.					
20220630_SPTO_68_01	Spotted Towhee *(Pipilo maculatus)*	Active	100 feet	96 feet	Location 68
On June 30, the biologist discovered a new spotted towee nest. The nest is situated on the ground within a laurel sumac *(Malosma laurina)/* California buckwheat *(Eriogonum fasciculatum)* shrub mix approximately 96 feet west of the Location 68 work limit. On July 1, the biologist observed nestlings shuffling about in the nest, and one of the nestlings was observed standing on the edge of the nest. The biologist predicts the nest will likely fledge within a few days.					
20220630_CALT_81_01	California Towhee *(Melozone crissalis)*	Active	100 feet	28 feet	Location 81
On June 30, the biologist discovered a new California towhee nest. The nest is located within a black sage shrub (*Salvia mellifera)*. Nestlings were audibly heard begging for food with adult visits.					

ATTACHMENT 5

CULTURAL RESOURCES MONITORING OVERVIEW

Cultural Resources Monitoring Overview

Date(s)	Cultural Monitor	Native American Monitor	Activity Performed	Project Location	Discovery
4/12/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Drilling	Location 77	No
No cultural materials were observed.					
4/13/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Drilling	Location 77	No
No cultural materials were observed.					
4/25/2022	P. McGinnis and N. Cox	Mario – Saving Sacred Sites	Vegetation and Fence Removal	Locations 11 and 12	No
No cultural materials were observed.					
4/26/2022	P. McGinnis, N. Cox, and H. Galvez	S. Nelson – Saving Sacred Sites	Data Recovery - Excavation	Locations 11 and 12	Yes
The monitors observed midden soil mixed with fill and/or previously disturbed deposits in both Locations. No artifacts were discovered at Location 11, but a few flakes at Location 12 were discovered.					
4/27/2022	P. McGinnis, N. Cox, H. Galvez, and L. Downs	S. Nelson – Saving Sacred Sites	Data Recovery - Excavation	Locations 11 and 12	Yes
Crews continued data recovery excavations at both locations. Several lithics, FAR, and historic ceramics were recovered which put the integrity of the deposit in this area in doubt. Location 12 excavation was slow due to compact soils. Some lithics recovered but deposit still appeared to be mixed.					
4/28/2022	P. McGinnis, N. Cox, H. Galvez, and L. Downs	S. Nelson – Saving Sacred Sites	Data Recovery - Excavation	Locations 11 and 12	Yes
Crews continued data recovery excavations at Location 11. Midden deposit ended at 140 centimeters. The deposit appeared to be truncated above 128 centimeters. No artifacts were recovered after 138 centimeters depth. Location 12 excavation continued to 130 centimeters. The soil continued to be disturbed native soil with midden soil mixed in. A few lithics were recovered.					
4/29/2022	N. Cox and H. Galvez	S. Nelson – Saving Sacred Sites	Data Recovery - Excavation	Locations 11 and 12	Yes
Crews excavated Unit 1 at Location 12 and continued to 150 centimeters with no change in soil. It was augured to 200 centimeters. The artifacts were collected and transported offsite.					
5/03/2022	P. McGinnis, N. Cox, and L. Downs	S. Nelson – *Saving Sacred Sites*	Vegetation Removal and Excavation	Location 8	Yes

Date(s)	Cultural Monitor	Native American Monitor	Activity Performed	Project Location	Discovery
Monitors monitored data recovery excavation of 1 meter by 1 meter unit at Location 8. Crews excavated to 50 centimeters. The deposit is very disturbed with much redeposited fill mixed with a lesser amount of midden spoil. Moderate numbers of lithic flakes and a few FAR recovered from all levels.					
5/04/2022	P. McGinnis, N. Cox, and H. Galvez	S. Nelson – *Saving Sacred Sites*	Data Recovery - Excavation	Location 8	Yes
The monitors observed excavation of units from 50 to 70 centimeters down. Work was slowed as hearth feature of a FAR in proximity to a mano was identified in the floor. Artifacts were left on pedestals, measured, and photographed in place. A historic late 19th century/early 20th century whiteware ceramic sherd was found adjacent to the mano. A tizon brownware potsherd was also found in this level. Additional artifacts and ecofacts are indicative of the rocks that support an intact feature was located.					
5/05/2022	N. Cox, H. Galvez, and E. Toscano	S. Nelson – Saving Sacred Sites	Backfilling	Location 8	No
No artifacts were discovered.					
5/06/2022	P. McGinnis, N. Cox, and L. Downs	S. Nelson – Saving Sacred Sites	Data Recovery - Excavation	Location 8	Yes
Crews finished cleanup of Unit 3 at 90 centimeters. The soil is clay and sterile. Crews drew wall profile and collected artifacts protruding from 70 to 80 centimeters. Crews installed geo-textile fabric across unit and backfilled.					
5/16/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Excavation	Locations 77 and 78	No
No cultural materials were observed.					
5/17/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Excavation	Locations 77 and 78	No
No cultural materials were observed.					
5/17/2022	P. McGinnis, L. Downs, and S. Davis	M. Herrera – Saving Sacred Sites	Excavation	Location 8	Yes
The monitor observed several artifacts recovered. The artifacts mostly consisted of metavolcanic debitage, fire affected rock, one piece obsidian debitage, and one prehistoric ceramic. Occasional pockets of intact midden were present.					
5/18/2022	E. Toscano	A. Ventura – Saving Sacred Sites	Grading	Location 78	No
No cultural materials were observed.					

Date(s)	Cultural Monitor	Native American Monitor	Activity Performed	Project Location	Discovery
5/18/2022	S. Davis, P. McGinnis, and L. Downs	M. Herrera – Saving Sacred Sites	Excavation	Location 8	Yes
The monitor observed the soils were mixed fill and midden with occasional intact small pockets of midden. Additional FAR and debitage recovered. No bone, shell, or charcoal were discovered.					
5/19/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Grading	Location 78	No
No cultural materials were observed.					
5/19/2022	S. Davis, P. McGinnis, and L. Downs	M. Herrera – Saving Sacred Sites	Excavation	Location 8	Yes
The monitor observed minimal artifacts present from excavated midden soil.					
5/20/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Grading	Location 78	No
No cultural materials were observed.					
5/23/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Grading and Drilling	Locations 74 and 78	No
No cultural materials were observed.					
5/24/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Grading and Drilling	Locations 74 and 78	No
No cultural materials were observed.					
5/25/2022	H. Galvez	S. Nelson – Saving Sacred Sites	Drilling	Location 74	No
No cultural materials were observed.					
5/25/2022	P. McGinnis	Zi'i – Saving Sacred Sites	Data Recovery	Coupon Test Station 2 and Deep Well 11	No
No cultural materials were observed. This testing completes the data recovery excavations.					
5/31/2022	E. Toscano	Tribe chose not to monitor	Brow Ditch Excavation	Location 70	No
No cultural materials were observed.					

Date(s)	Cultural Monitor	Native American Monitor	Activity Performed	Project Location	Discovery
6/01/2022	E. Toscano	Tribe chose not to monitor	Brow Ditch Excavation	Location 70	No
No cultural materials were observed.					
6/02/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Brow Ditch Excavation	Locations 70 and 78	No
No cultural materials were observed.					
6/03/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Brow Ditch Excavation	Location 78	No
No cultural materials were observed.					
6/6/2022	H. Galvez	S. Nelson – Saving Sacred Sites	Grading	Location 70	No
No cultural materials were observed.					
6/7/2022	H. Galvez	S. Nelson – Saving Sacred Sites	Grading and Excavation	Location 70	No
No cultural materials were observed.					
6/7/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Vegetation Trimming	Location 7	No
No cultural materials were observed.					
6/8/2022	H. Galvez	S. Nelson – Saving Sacred Sites	Grading and Excavation	Location 70	No
No cultural materials were observed.					
6/8/2022	E. Toscano	S. Nelson – Saving Sacred Sites	Vegetation Trimming	Location 7	No
No cultural materials were observed.					
6/9/2022	H. Galvez	S. Nelson – Saving Sacred Sites	Grading and Excavation	Location 78	No
No cultural materials were observed.					

Date(s)	Cultural Monitor	Native American Monitor	Activity Performed	Project Location	Discovery
6/9/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Vegetation Trimming	Location 89	No
No cultural materials were observed.					
6/10/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Vegetation Trimming	Locations 51 and 81	No
No cultural materials were observed.					
6/10/2022	H. Galvez	S. Nelson – Saving Sacred Sites	Grading and Excavation	Location 78	No
No cultural materials were observed.					
6/13/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Vegetation Trimming	Locations 51 and 54	No
No cultural materials were observed.					
6/14/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Vegetation Trimming	Location 54	No
No cultural materials were observed.					
6/15/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Excavation and Drilling	Location 51 and 78	No
No cultural materials were observed.					
6/21/2022	S. Davis	M. Herrera – Saving Sacred Sites	Trenching and Ground Rod Installation	Location 78	No
No cultural materials were observed.					
6/23/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Excavation	Location 74 and 77	No
No cultural materials were observed.					
6/24/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Excavation	Location 70	No
No cultural materials were observed.					

Date(s)	Cultural Monitor	Native American Monitor	Activity Performed	Project Location	Discovery
6/27/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Excavation	Location 51	Yes
The monitor observed the crew using an auger drill to excavate the pole hole for Location 51. The crew used a 7-foot-wide auger to dig out a 21-foot-deep hole. The soil was mostly a sandy clayish soil, with some shell fossils appearing in the cultural layer.					
6/28/2022	E. Toscano	M. Herrera – Saving Sacred Sites	Grading	Location 70	No
No cultural materials were observed.					

ATTACHMENT 6

PALEONTOLOGICAL RESOURCES MONITORING OVERVIEW

Paleontological Resources Monitoring Overview

Date	Paleontological Monitor	Activity Performed	Project Location	Non-Compliance
4/04/2022	J. Shelmire	Grading & Substation Work	Location 55 & San Marcos Substation	No
No fossils were recovered.				
4/15/2022	G. Calvano	Grading & Substation Work	San Marcos Substation	No
No fossils were recovered.				
4/25/2022	J. Shelmire	Data Recovery / Excavation	Locations 11 and 12	No
No fossils were recovered.				
4/26/2022	J. Shelmire	Data Recovery / Excavation	Location 12	No
No fossils were recovered.				
4/27/2022	J. Shelmire	Data Recovery / Excavation	Locations 11 and 12	No
No fossils were recovered.				
4/28/2022	J. Shelmire	Data Recovery / Excavation	Locations 11 and 12	No
No fossils were recovered.				
4/29/2022	J. Shelmire	Data Recovery / Excavation	Location 12	No
No fossils were recovered.				
5/03/2022	J. Shelmire	Data Recovery / Excavation	Location 8	No
No fossils were recovered.				
5/04/2022	J. Shelmire	Data Recovery / Excavation	Location 8	No
No fossils were recovered.				
5/05/2022	J. Shelmire	Data Recovery / Excavation	Location 8	No
No fossils were recovered.				

Date	Paleontological Monitor	Activity Performed	Project Location	Non-Compliance
5/06/2022	J. Shelmire	Data Recovery / Excavation	Location 8	No
No fossils were recovered.				
5/17/2022	J. Shelmire	Data Recovery	Location 8	No
No fossils were recovered.				
5/18/2022	J. Shelmire	Data Recovery	Location 8	No
No fossils were recovered.				
6/03/2022	E. Martin	Drilling	Location 55	No
No fossils were recovered.				
6/6/2022	E. Martin	Drilling	Location 55	No
The monitor examined drilling to a depth of 17 feet and width of 7.5 feet. Sandstone was present. Fossil hash was observed but not collected.				
6/15/2022	E. Martin	Brow-Ditch Trenching	Location 55	No
No fossils were observed.				
6/20/2022	R. Grundler	Drilling and Excavation	Segment 1: Deep Well 5	No
No fossils were observed.				

ATTACHMENT 7
WASTE TRACKING PER MM US-1

Waste Tracking per MM US-1

Weight of Debris Recycled/ Reused Thus Far	Weight of Debris Disposed of Thus Far	Estimated Weight of Debris from Debris Register	Percentage Recycled/ Reused	Percentage Disposed	Minimum Requirement Recycled/ Reused	Project In Compliance?	Notes
Inert Waste (soil, asphalt, concrete, etc.)							
20,387 Itons	-	3,081 tons	100%	-	90%	Yes	100% of the inert waste on the Project was recycled or reused during the reporting period.
Other Materials (insulators, scrap metal, etc.)							
6.32 tons	2.22 tons	16.3 tons	74%	26%	70%	Yes	74% of other material waste on the Project was recycled or reused during the reporting period.
Green Waste (trees, vegetation trimmings, etc.)							
38.04 tons	-	40 tons	100%	-	100%	Yes	100% of the green waste on the Project was recycled or reused during the reporting period.

ATTACHMENT 8
NOISE MONITORING OVERVIEW

Attachment 8: Noise Monitoring Overview

Date	Project Location	Distance from Sensitive Receptor	Construction Activities	Max. Leq (1-hr period)[1]	Threshold Exceeded (Y/N)	In Compliance (Y/N)
4/05/2022	Site 59	45 feet	Grading	73.9 dBA	N	Y
No Corrective Action Required – No Exceedance or Complaint						
4/12/2022	Site 58	100 feet	Grading	65.4 dBA	N	Y
No Corrective Action Required – No Exceedance or Complaint						
4/26/2022	Location 61	100 feet	Grading / Rock Breaking	64.0 dBA	N	Y
No Corrective Action Required – No Exceedance. Property owner was offered relocation due to noise complaint – no response was received.						
4/28/2022	Location 60	70 feet	Grading	57.0 dBA	N	Y
No Corrective Action Required – No Exceedance or Complaint						
5/3/2022	Location 59	73 feet	Drilling	68.7 dBA	N	Y
No Corrective Action Required – No Exceedance or complaint						
5/3/2022	Location 60	68 feet	Grading and Rock Breaking	69.0 dBA	N	Y
No Corrective Action Required – No Exceedance or Complaint						
5/23/2022	San Marcos Substation	15 feet	Concrete Demolition	74.5 dBA	N	Y
Sound walls were utilized, but no corrective action was required. No exceedance or complaint.						
5/24/2022	San Marcos Substation	15 feet	Concrete Demolition	72.0 dBA	N	Y
Sound walls were utilized, but no corrective action was required. No exceedance or complaint.						
5/25/2022	Location 67	68 feet	Drilling	64.4 dBA	N	Y
No corrective action required – No exceedance or complaint						
6/1/2022	Location 66	70 feet	Drilling	58.8 dBA	N	Y
No corrective action required – No exceedance or complaint						
6/10/2022	Location 60	10 feet	Drilling	59.5 dBA	N	Y
No corrective action required – No exceedance or complaint						

ATTACHMENT 9
COMPLIANCE INCIDENTS

Compliance Incidents

Date	Summary	Corrective Action
April 4, 2022	On April 4, 2022, the Project LEI discovered that the grading subcontractor had been utilizing an existing access road entrance northeast of Location 55 off White Sands Drive. The crew has been using the access to occasionally enter the work area and make deliveries or pick up spoils. Although this is an existing utility access which SDG&E has rights to use through their easement, it was not mapped as part of the Project access roads in the IS/MND or NTP-1 Mapping and therefore, should not have been utilized to perform Project activities per APM BIO-3. There was no damage to resources or potential damage to resources as a result of this minor compliance deviation.	Once it was determined that the existing access road was not a mapped access road, the LEI stopped all use of the access road until further notice. In addition, the environmental team reiterated at the tailboard meetings the following day that all Project vehicles must remain on approved and mapped roads. As there is a need to utilize the unmapped access for the remainder of activities at Location 55 due to safety and constructability concerns, a Mapping Correction Memo will be submitted to the CPUC for review. The Memo will provide a map and photos of the proposed access to document the map correction. In addition, the LEI met with the crews and monitors to review proper protocol when moving into a new work area, including confirming the approved access roads at each location, and identifying any unmapped access as restricted.
June 3, 2022	On Friday, June 3, the Project LEI discovered that an SDG&E subcontractor parked a truck within a disturbed area that was outside of the limits of the approved access road near Location 78. This action did not result in any impacts to habitat or biological resources. However, it did deviate from APM BIO-3 which states all Project construction vehicles are restricted to approved access roads, and approval from a biological monitor is required for vehicle travel outside of approved access roads.	Once this deviation was discovered, the truck was immediately moved back within the limits of the approved access road. Compliance with APM BIO-3 and staying within approved access roads is covered within the Worker Environmental Awareness Program (WEAP) training that all personnel must attend to work on the Project. The importance of following these requirements was emphasized to the crew and to all personnel at the tailboard meetings the following workday.
June 15, 2022	While pumping concrete to Location 63 during foundation installation activities on Wednesday, June 15, there was a clog in the pipe which led to the pipe needing to be disassembled. As a result, there was an inadvertent discharge of slurry onto the ground. Although most of the slurry discharged onto the approved access road, a portion ran into the area east of the access road, outside of approved work limits. Although the area east of the access road contains CSS, the spill remained within disturbed and bare ground and did not impact the CSS. The total slurry mixture spilled was approximately 5 cubic yards. Because the cleanup of this spill required Project personnel to work outside of approved work limits, this resulted in a minor compliance deviation from the IS/MND and NTP-1. There was no discharge into any storm drains or drainage systems, and there	The crew immediately got to work shoveling the spilled slurry by hand. For the slurry that spilled outside of the access road, they shoveled the slurry into buckets and removed them from the site. Although this was an unexpected spill, it may have been better contained if the crews had additional BMPs onsite in case of emergency and this was brought up as a corrective action for similar construction activities going forward, especially those sites in proximity to aquatic drainages.

Date	Summary	Corrective Action
	were no impacts to habitat, biological resources, or other sensitive environmental resources.	
June 17, 2022	On Friday, June 17, the Project LEI discovered that an SDG&E subcontractor was performing work at Location 66 which was not a scheduled activity and a pre-construction nesting survey had not been performed. Specifically, the crew was operating a skid steer and backfilling the bottom of the pole excavation site with gravel to stabilize the pole hole. This action did not result in any impacts to habitat, biological resources, or other sensitive environmental resources. However, it did deviate from APM BIO-6 which requires pre-construction nesting surveys be performed to determine the presence or absence of nesting birds prior to the start of construction activities.	Once this deviation was discovered, the LEI immediately stopped work. A nesting bird survey was scheduled the same day, and an active northern mockingbird (NOMO) nest was discovered approximately 40 feet west of the work limits at Location 66, and 10 feet from the existing access road. The adult NOMOs was observed feeding chicks as the crew demobilized, and there was no disturbance to the nest. Nest monitoring will take place during construction activities at Location 66 while the nest is still active. On June 21, the Project Manager broadcasted preventative measures to all participants, including the main subcontractors, during the three-day look-ahead meeting. Also on June 22, direct discussions took place with the subcontractors about this event. Compliance with APM BIO-6 is covered within the Worker Environmental Awareness Program (WEAP) training that all personnel must attend to work on the Project. In addition, the Project has daily schedule calls and daily tailboard meetings to review all scheduled activities. At the tailboard the following workday, SDG&E emphasized the importance of ensuring all activities are listed on the construction schedule as this is how the environmental team ensures the appropriate surveys and monitoring take place to remain in compliance.
June 28, 2022	On Tuesday, June 28, a crew was placing concrete to complete the brow ditch construction activities at Location 64. Following the concrete delivery, one of the concrete trucks continued northeast on the existing access road approximately 200 yards to find an area to turn around. The portion of the access road that continues north of the Location 64 work area where the driver travelled is not a mapped or approved access in the IS/MND or NTP-1 mapping and therefore should not have been utilized to perform Project activities per APM BIO-3. The driver was stopped by the crew and backed up down the access road to the work area, where it turned around and continued offsite. In addition, although the concrete truck had performed wash-out before attempting to leave the site, the concrete truck dripped a small amount of concrete as it was driving on the unapproved access which had to be cleaned up using a shovel and a bucket. The unapproved access road has	The crew immediately got to work shoveling the spilled concrete drips into a bucket and removed it from the site. Compliance with APM BIO-3 is covered within the Worker Environmental Awareness Program (WEAP) that all personnel must attend to work on the Project. Although the driver understood he was supposed to leave the same way he came in, he claimed he got turned around and then continued down the unapproved access looking for a place to turn around after he realized his mistake. At the tailboard meeting the following day, June 29, the subcontractor's foreman (Patriot) responsible for this work stated to all members of the crew including the prime contractor's Construction Manager (Henkels & McCoy) that the concrete truck driver would be restricted from returning to the Project. They also reiterated the importance of flagging off restricted access to reduce confusion and ensuring that all delivery drivers clearly understand how to properly enter and

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	been partially overgrown by vegetation in some areas. The biologist onsite surveyed the portion of the access road where the concrete truck drove and determined there were no impacts to habitat as a result of this action or the cleanup efforts. It should be noted, there is an active coastal California gnatcatcher nest approximately 275 feet east Location 64. The direction the truck drove was away from the existing nest, further than the Location 64 work area. The biologist was onsite monitoring the nest and confirmed there was no disturbance to the nest during any construction activities at Location 64. There was no discharge into any storm drains or drainage systems, and there were no impacts to habitat, biological resources, or other sensitive environmental resources as a result of this minor compliance incident.	exit work sites to comply with Project requirements. All delivery drivers should have spotters to assist them with any questions regarding where to enter, park, or exit work areas to ensure they remain within approved areas.