

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: February 15, 2018
To: Billie Blanchard, CPUC Project Manager
From: Sheila Hoyer, CPUC Monitoring Supervisor
Subject: Weekly Report #58 – February 5 to February 10, 2018

INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project for the week of February 5 to February 10, 2018.

A summary of the Notices to Proceed, Minor Project Refinement, and Temporary Extra Workspace Requests are provided in Tables 1, 2, and 3, respectively. A summary of Non-compliance, Project Memoranda and Incidents is provided in Table 4. Daily Inspection Reports are provided in Appendix A.

CPUC/Panorama Environmental Monitors (EMs): David Flietner

STAGING YARDS

Summary of Activity:

Stonebridge Staging Yard:

1. Delivering equipment; inspecting BMPs; and demobilizing equipment.

Driving Range Staging Yard:

1. Delivering equipment and inspecting BMPs.

Vulcan Staging Yard:

1. Maintaining BMPs; delivering materials and equipment; and delivering, sorting, and removing spoil material from night excavations.

Crestmar Point Staging Area:

1. Delivering materials and equipment; and inspecting BMPs.

Underground Transmission Line:

1. Nighttime construction activities occurred west of I-15 in Segment 5 within Section 20 (approximately at Stations 322+00 to 335+00).
2. Daytime construction activities occurred in Segment 5 in Sections 1 through 18 (approximately at Stations 14+00 to 311+00) and Segment 3 in Sections 4 through 17 (approximately at Stations 611+00 to 678+00): Splicing, bracketing, and installing cable within vaults; mandreling; saw cutting; excavating; repairing median; installing conduit; encasing; backfilling; and asphalt paving.

Overhead Transmission Line:

1. P03: No activity.
2. P04: No activity.
3. P05: Installing five anchor points for cable guy wires.
4. P06: No activity.
5. CC MM CP: Termination splicing.

Peñasquitos Substation:

1. No activity.

Sycamore Substation:

1. Installing conduit; mandreling; and backfilling.

Environmental Compliance:

1. All pavement was kept clean during this reporting period. No winds occurred that were higher than 20 mph. All off-road diesel-powered construction equipment met a minimum of EPA Tier 3 standards.
2. Monitoring for special-status species was implemented to avoid and minimize impacts to biological resources. No special-status species were observed during the monitoring period. All project equipment arrived clean and free of mud and/or vegetation. Nesting bird surveys were conducted on February 6 and 7, 2018, in areas for anticipated construction. On February 7, 2018, an Anna's hummingbird nest was detected. On February 7, 2018, a Nesting Bird Buffer Reduction Request (NBBRR) was submitted to the CPUC to reduce the buffer surrounding the Anna's hummingbird nest. The CPUC approved the NBBRR on February 9, 2018.
3. During this reporting period, archaeological, paleontological, and Native American monitors were on site for ground-disturbing activities in areas with a moderate to high potential of encountering resources. Specifically, cultural and paleontological teams monitored trenching along Miramar Road on the west side of the Project, as well as drilling of anchor holes near P05 on the east side of the Project. No cultural or paleontological resources were observed during this reporting period.
4. No hazardous materials releases were recorded during this reporting period.
5. All construction activities occurred in accordance with the approved Construction Fire Prevention Plan. All construction vehicles were equipped with the required fire tools. No fire incidents were reported during this reporting period.

6. Daytime underground construction activities occurred Monday through Saturday, from 8:00 am to 4:00 pm. Daytime construction activities occurred in accordance with the City of San Diego approved Traffic Control Permits and Noise Permits.
7. Project personnel parked their personal vehicles within a designated personal vehicle parking area within the project limits within the Stonebridge Staging Yard. Workers parked within the work limits of the Driving Range Staging Yard or parked on the adjacent public street. Traffic Control Permits were obtained from the City of San Diego.
8. The QSP conducted required daily inspections during this reporting period. A vacuum was used to collect excess water, and a street sweeper was used to clean up excess sediment/dust during sawcutting activities. All equipment staged along the ROW, at the overhead sites, and stored in the staging yards, had drip pans or absorbent pads in place to capture oil drips/leaks. The QSP conducted a pre-rain inspection on February 9, 2018, for a 15 to 60 percent chance of rain for the period of February 12, 2018 through February 15, 2018. The general recommendations from the pre-rain inspection included: 1) use drip pans under any parked equipment to prevent potential oil leaks on the ground; 2) keep all streets, gutters, and construction entrances/exits clear of sediment and debris; and, 3) cover all trash dumpsters at all of the staging yards.
9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,701 project personnel have received the required SEAP training, and 1,597 project personnel have received the UXO training.
10. There were no Compliance Level incidents during this reporting period.
11. No complaints were received during this reporting period.
12. **Agency Representatives during Construction (other than CPUC EMs):** None

CPUC NOTICES TO PROCEED (NTPs)

Table 1 summarizes the CPUC NTP activity for the SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project to date.

Table 1 CPUC NTPs

NTP #	Date Submitted	Date Issued	Segment #	Description
1	12/05/16	12/29/16	N/A	Mobilize and begin operations at the construction staging yards.
2	01/23/17	02/07/17	Segment B	Construct the underground portion of the Project from Sycamore Substation to Structure P03, and from Structure P05 to Structure CC MM CP.

NTP #	Date Submitted	Date Issued	Segment #	Description
3	02/03/17	02/27/17	Segment A	1. Overhead construction from Sycamore Substation to Structure P06
			Segment C	2. Overhead construction from Structure CC MM CP to the Peñasquitos Substation
				3. Deepwell AC mitigation installation
				4. Construction activities at Sycamore Canyon and Peñasquitos Substations

MINOR PROJECT REFINEMENT & TEMPORARY EXTRA WORKSPACE REQUESTS

Tables 2 and 3 summarize the Minor Project Refinements (MPRs) and Temporary Extra Workspace (TEWS) Requests have been submitted to date.

Table 2 Minor Project Refinement (MPR) Requests

MPR Request	Date Submitted	Date Issued	Segment #	Description
#1	12/06/16	1/11/17	Segment A	Underground 230-kV getaway from Sycamore Substation to Structure P03.
#2	01/17/17	01/24/17	Segment B	Realignment of the 230-kV underground transmission line from Miramar Road north on Black Mountain Road and west on Activity Road.
#3	03/06/17	03/08/17	Segment A	Provides temporary power to the SDG&E trailer at the Stonebridge Staging Yard through the existing power box located outside of the existing project boundary.
#4	04/18/17	04/20/17	Segment B	Modifies the approved 2.61-acre Vulcan Mine Yard location approximately 884 feet to the west to an approximately 1.71-acre paved area.
#5	07/10/17	07/11/17	Segment B	Establishes staging yards along southern perimeter of Pomerado Road and temporary work spaces north of P05 and P06
#6	08/03/17	08/04/17	Segment B	Establishes staging yards along southern and northern perimeters of Pomerado Road
#7	08/25/17	08/28/17	Segments B, C	Establishes a staging yard at the southwest corner of the intersection of Pomerado Road and Avenue of Nations (previously approved in TEWS #1), and extends the temporary work space surrounding Structure E40
#8	09/12/17	Denied	South of Segment C	Adds temporary work areas around 16 poles and 14 guard structures south of Carroll Canyon Road and east of Interstate 805. The refinement area extends approximately 2 miles south of CC MM CP
#9	10/06/17	10/11/17	Segment B	Adds a paved, developed area off Crestmar Point for use as a staging area for vehicles and construction equipment.

MPR Request	Date Submitted	Date Issued	Segment #	Description
#10	11/29/17	11/29/17	Segment B	Authorizes a newly identified underground route option for the crossing of Interstate-15, using a tunnel bore machine to install the 230-kV line
#11	11/22/17	11/29/17	Segment A	Adds approximately 0.13 acre of temporary work space to accommodate the installation of the 138-kV and 230-kV trench packages north of Sycamore Canyon Substation
#12	1/30/18	1/30/18	Segment B	Authorizes approximately 0.96 acre of additional temporary workspace located along Kearny Mesa Road and west of Interstate 15 for staging vehicles, equipment, and materials necessary for installing the 230-kV line under Interstate-15
#13	2/01/18	2/05/18	Segment B	Authorizes the installation of five guy wire anchors within an existing dirt access road between structures P05 and P06 to stabilize and support structure P05 during trenching and retaining wall construction activities

Table 3 Temporary Extra Workspace (TEWS) Requests

TEWS Request	Date Submitted	Date Issued	Segment #	Description
#1	06/29/17	07/05/17	B	Additional staging area located at the southwest corner of the intersection of Pomerado Road and Avenue of Nations
#2	07/19/17	07/19/17	B	Addition to approved temporary work area on Pomerado Road
#3	09/02/17	09/04/17	C	New location for temporary guard structure 06 in a paved parking lot at the intersection of Lusk Boulevard and Wateridge Circle
#4	12/13/17	12/14/17	C	Temporary Work Space for a helicopter landing zone located within an asphalt-covered parking lot at 6925 Lusk Boulevard
#5	12/27/17	12/29/17	A	Temporary Work Space to mobilize and stage a large crane that will be used to lift and install a vault located at station 676+00 on Stonebridge Parkway

NON-COMPLIANCES, PROJECT MEMORANDA & INCIDENTS

Table 4 Non-Compliances, Project Memoranda, and Other Incidents

Type	Date	Location	Description
Level 1	04/12/2017	Segment B	Potable water was used in a street sweeper

Type	Date	Location	Description
Memoranda	04/19/2017	Segment B	Traffic incident at Driving Range Staging Yard
Level 1	04/24/2017	Segment B	Presence of trash along the project alignment
Level 1	05/01/2017	Segment B	Working outside of City-approved hours
Memoranda	05/03/2017	Segment B	Traffic incident at Snapple/7-Up Plant
Memoranda	05/18/2017	Segment B	Traffic incident at Station 169+89
Memoranda	05/23/2017	Segment B	Unauthorized non-stormwater discharge
Level 1	06/08/2017	Segment B	Non-adherence to approved Fire Plan
Level 2	06/15/2017	Segment B	Non-adherence to approved Fire Plan
Memoranda	07/06/2017	Segment B	Traffic incident at Carroll Canyon Road
Level 1	07/20/2017	Segment B	Non-adherence to approved Fire Plan
Memoranda	07/20/2017	Segment B	Traffic incident at Miralani Drive
Memoranda	08/03/2017	Segment B	Traffic incident at Pomerado Road
Memoranda	08/10/2017	Segment B	Unauthorized non-stormwater discharge
Level 1	08/16/2017	Segment B	Staging equipment outside of approved limits
Level 3	08/28/2017	Segment B	Non-adherence to approved Fire Plan Non-adherence to SEAP training requirement Working outside of approved limits
Level 1	08/29/2017	Segment C	Driving equipment on non-approved access road
Memoranda	09/07/2017	Segment B	Unauthorized non-stormwater discharge
Memoranda	09/14/2017	Segment B	Spot fire on Pomerado Road caused by grinding activity spark
Level 1	01/14/2018	Segment C	Construction materials going outside of approved work limits

ATTACHMENT A INSPECTION REPORTS

2018-02-05 AM Inspection Report

SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project: Daily Inspection Report

Inspection Date	2018-02-05
Start Time	12:05:00
End Time	14:31:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Laying conduit and other trench work at P05, pothole get on Kearney Mesa Road, and vault work throughout were the major activities.
Summary of Compliance Activities	LEI on alignment.
Were any issues encountered?	No

Photo Log

Photo



Caption Scaffolding around tower at CC MM CP site.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 14:27:13 GMT-0800 (PST)
Coordinates: 32.890126, -117.20374
View Direction: South

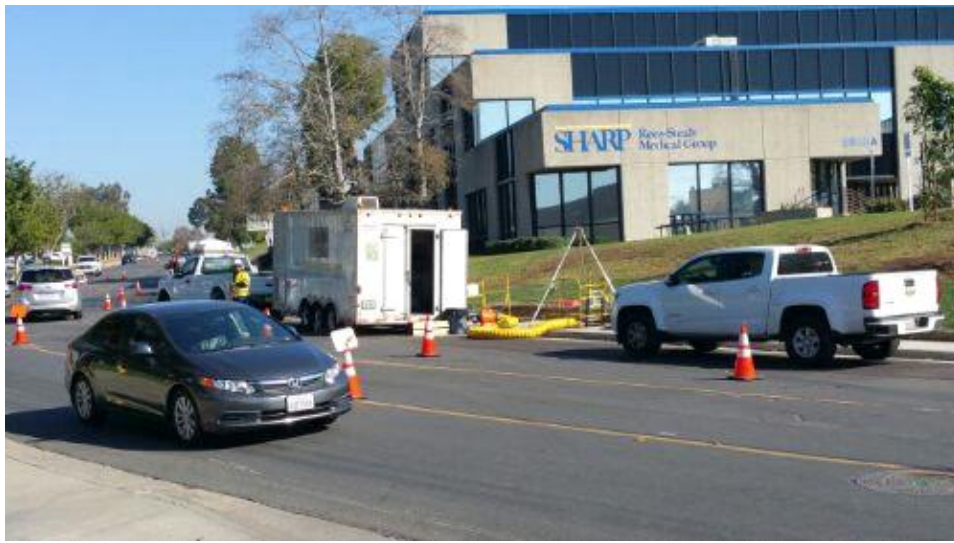
Photo



Caption Vault work, Carroll Canyon Road.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 14:16:33 GMT-0800 (PST)
Coordinates: 32.887522, -117.177901
View Direction: East

Photo



Caption Vault work, Activity Road.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 13:57:42 GMT-0800 (PST)
Coordinates: 32.896373, -117.13441
View Direction: Southeast

Photo



Caption Approach to Stonebridge Parkway work area from east.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 13:20:18 GMT-0800 (PST)
Coordinates: 32.921875, -117.04179
View Direction: West

Photo



Caption Temporary waste receptacle.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 13:01:36 GMT-0800 (PST)
Coordinates: 32.921976, -117.044084
View Direction: Northeast

Photo



Caption Placing conduit in trench, P05 access road.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 12:56:40 GMT-0800 (PST)
Coordinates: 32.922035, -117.044212
View Direction: Northeast

Photo



Caption Mandreling site, Stonebridge Parkway.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 12:47:19 GMT-0800 (PST)
Coordinates: 32.921513, -117.049737
View Direction: West

Photo



Caption Potholing site, Kearney Mesa Road.

Photo Attributes Capture Date/Time: Mon Feb 05 2018 12:22:17 GMT-0800 (PST)
Coordinates: 32.894143, -117.118403
View Direction: North

Daily Checklist

Q1 – General Avoidance and Minimization: (a) Were the limits of work areas and access roads clearly marked? (b) Were construction activities limited to CPUC-approved work areas?	Met Requirements
Q2 – Air Quality/GHG: (a) Were dust avoidance and minimization requirements implemented and monitored adequately? (b) Was dust generation below required thresholds? (c) Were equipment and vehicles maintained and operated in a manner to limit emissions? (d) Was organic waste collected and separated from non-organic waste for appropriate composting or recycling, as appropriate?	Met Requirements
Q3 – Special-Status Plants: Were impact avoidance and minimization requirements for special-status plants implemented adequately (e.g., avoiding sensitive areas)?	N/A
Q4 – Wildlife (Non-Avian): Were impact avoidance and minimization requirements for wildlife implemented adequately (e.g., avoiding sensitive areas, covering excavations, and inspecting equipment/trenches)?	Met Requirements
Q5 – Nesting and Burrowing Birds: (a) Were active nests and occupied burrows identified and monitored during applicable seasons, as required? (b) Were impact avoidance and minimization requirements for any active nests or occupied burrows implemented adequately?	Met Requirements
Q6 – Water Features and Aquatic Habitat: Were water features avoided?	Met Requirements
Q7 – Stormwater, Erosion, and Sediment Control: (a) Were erosion and sediment control BMPs in place and functioning properly? (b) Were inactive or completed work areas stabilized and/or restored adequately?	Met Requirements
Q8 – Invasive Weed Control: Were procedures to prevent the spread of invasive weeds implemented adequately?	Met Requirements
Q9 – Hazardous Materials and Waste Management: (a) Were hazardous materials stored and labeled properly? (b) Was hazardous material waste disposed of appropriately? (c) Were any spills or leaks addressed adequately? (d) Was solid waste collected and disposed of adequately?	Met Requirements
Q10 – Fire Management: (a) Were fire prevention procedures in place? (b) Was firefighting equipment available on site?	Met Requirements
Q11 – Cultural, Paleontological, and Tribal Resources: (a) Were cultural, paleontological, and tribal resources monitoring and impact avoidance occurring as required? (b) If potential resources or human remains were inadvertently discovered, were response procedures and protocols implemented as required?	N/A
Q11 Notes	No excavation requiring resource monitors.
Q12 – Construction Noise: (a) Were noise minimization measures in place, as required? (b) If noise complaints were received, were they documented and addressed, as required?	Met Requirements
Q13 – Maintain Access: (a) Was access to driveways (e.g.,	Met Requirements

businesses, schools, residences) maintained as required? (b) Was access to recreational areas maintained and appropriate signage installed? (c) Was pedestrian and bicycle access maintained, or were detours clearly defined?

Q14 – Traffic Control (a) Were flaggers present at all times? (b) Were barriers, cones, and signs in place? (c) Were detours clearly marked? Met Requirements

Q15 – Helicopter Use (a) Were helicopter use restrictions implemented adequately? (b) Were helicopter take-off and landing sites within prescribed limits? Met Requirements

Q16 – Worker Training and Communication: Have all workers on site received the required environmental trainings for the project? Met Requirements

Q17 – MMCRP Implementation: (a) Were project activities consistent with the approved project as defined in the EIR and subsequent CPUC authorizations? (b) Were MMCRP procedures implemented adequately? Met Requirements

2018-02-08 AM Inspection Report

SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project: Daily Inspection Report

Inspection Date	2018-02-08
Start Time	10:05:00
End Time	13:30:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Crews continued trenching on P05 access road, and did vault work throughout alignment.
Summary of Compliance Activities	No specific resource monitors needed.
Were any issues encountered?	No

Photo Log

Photo



Caption Filling trench at base of P05 access road.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 13:08:51 GMT-0800 (PST)
Coordinates: 32.922015, -117.044069
View Direction: Southwest

Photo



Caption Trench plates on P05 access road.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 13:05:00 GMT-0800 (PST)
Coordinates: 32.922126, -117.044041
View Direction: East

Photo



Caption Mandreling work area, Stonebridge Parkway.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 12:55:56 GMT-0800 (PST)
Coordinates: 32.921115, -117.055849
View Direction: Northeast

Photo



Caption Curb replacement, upper Pomerado Road.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 12:37:00 GMT-0800 (PST)
Coordinates: 32.922191, -117.060757
View Direction: Northeast

Photo



Caption Cable stringing work area, Pomerado Road.
Photo Attributes Capture Date/Time: Thu Feb 08 2018 12:16:38 GMT-0800 (PST)
Coordinates: 32.90597, -117.080612
View Direction: East

Photo



Caption Vault work area, Pomerado Road.
Photo Attributes Capture Date/Time: Thu Feb 08 2018 12:03:18 GMT-0800 (PST)
Coordinates: 32.904425, -117.0865
View Direction: Northeast

Photo



Caption Drip pans in place, Kearney Mesa Road staging area.
Photo Attributes Capture Date/Time: Thu Feb 08 2018 11:41:27 GMT-0800 (PST)
Coordinates: 32.894275, -117.118273
View Direction: Northeast

Photo



Caption Vault work area, Activity Road.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 11:08:17 GMT-0800 (PST)
Coordinates: 32.896217, -117.134253
View Direction: East

Photo



Caption Vault work area, Marilani Road.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 10:56:40 GMT-0800 (PST)
Coordinates: 32.89597, -117.1388
View Direction: Northeast

Photo



Caption Vault work area, Carroll Canyon Road.
 Photo Attributes Capture Date/Time: Thu Feb 08 2018 10:37:57 GMT-0800 (PST)
 Coordinates: 32.890639, -117.196351
 View Direction: East

Photo



Caption Erosion control BMPs below CC MM CP site.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 10:14:45 GMT-0800 (PST)
 Coordinates: 32.889042, -117.202784
 View Direction: Northeast

Photo



Caption Erosion control BMPs below CC MM CP site.

Photo Attributes Capture Date/Time: Thu Feb 08 2018 10:28:20 GMT-0800 (PST)
 Coordinates: 32.889224, -117.202954
 View Direction: Northwest

Daily Checklist

Q1 – General Avoidance and Minimization: (a) Were the limits of work areas and access roads clearly marked? (b) Were construction activities limited to CPUC-approved work areas?	Met Requirements
Q2 – Air Quality/GHG: (a) Were dust avoidance and minimization requirements implemented and monitored adequately? (b) Was dust generation below required thresholds? (c) Were equipment and vehicles maintained and operated in a manner to limit emissions? (d) Was organic waste collected and separated from non-organic waste for appropriate composting or recycling, as appropriate?	Met Requirements
Q2 Notes	No excess idling observed.
Q3 – Special-Status Plants: Were impact avoidance and minimization requirements for special-status plants implemented adequately (e.g., avoiding sensitive areas)?	N/A
Q4 – Wildlife (Non-Avian): Were impact avoidance and minimization requirements for wildlife implemented adequately (e.g., avoiding sensitive areas, covering excavations, and inspecting equipment/trenches)?	Met Requirements
Q5 – Nesting and Burrowing Birds: (a) Were active nests and occupied burrows identified and	Met Requirements

monitored during applicable seasons, as required? (b) Were impact avoidance and minimization requirements for any active nests or occupied burrows implemented adequately?	
Q6 – Water Features and Aquatic Habitat: Were water features avoided?	N/A
Q7 – Stormwater, Erosion, and Sediment Control: (a) Were erosion and sediment control BMPs in place and functioning properly? (b) Were inactive or completed work areas stabilized and/or restored adequately?	Met Requirements
Q8 – Invasive Weed Control: Were procedures to prevent the spread of invasive weeds implemented adequately?	Met Requirements
Q9 – Hazardous Materials and Waste Management: (a) Were hazardous materials stored and labeled properly? (b) Was hazardous material waste disposed of appropriately? (c) Were any spills or leaks addressed adequately? (d) Was solid waste collected and disposed of adequately?	Met Requirements
Q9 Notes	Drip pans in place in staging areas.
Q10 – Fire Management: (a) Were fire prevention procedures in place? (b) Was firefighting equipment available on site?	Met Requirements
Q11 – Cultural, Paleontological, and Tribal Resources: (a) Were cultural, paleontological, and tribal resources monitoring and impact avoidance occurring as required? (b) If potential resources or human remains were inadvertently discovered, were response procedures and protocols implemented as required?	Met Requirements
Q11 Notes	No digging and no resource monitors on project.
Q12 – Construction Noise: (a) Were noise minimization measures in place, as required? (b) If noise complaints were received, were they documented and addressed, as required?	Met Requirements
Q13 – Maintain Access: (a) Was access to driveways (e.g., businesses, schools, residences) maintained as required? (b) Was access to recreational areas maintained and appropriate signage installed? (c) Was pedestrian and bicycle access maintained, or were detours clearly defined?	Met Requirements
Q14 – Traffic Control (a) Were flaggers present at all times? (b) Were barriers, cones, and signs in place? (c) Were detours clearly marked?	Met Requirements
Q15 – Helicopter Use (a) Were helicopter use restrictions implemented adequately? (b) Were helicopter take-off and landing sites within prescribed limits?	N/A
Q16 – Worker Training and Communication: Have all workers on site received the required environmental trainings for the project?	Met Requirements
Q17 – MMCRP Implementation: (a) Were project activities consistent with the approved project as defined in the EIR and subsequent CPUC authorizations? (b) Were MMCRP procedures implemented adequately?	Met Requirements