

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: February 2, 2018
To: Billie Blanchard, CPUC Project Manager
From: Sheila Hoyer, CPUC Monitoring Supervisor
Subject: Weekly Report #56 – January 22 to January 27, 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 January 22 to January 27, 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): Dave 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. There were no nighttime underground construction activities during this reporting period.
2. Daytime construction:
 - a. Segment 5 in Sections 1 through 18 (approximately at Stations 14+00 to 311+00) and Segment 3 in Sections 10 through 17 (approximately at Stations 563+00 to 678+00): Splicing, bracketing, and installing cable within vaults; saw cutting; excavating; installing conduit; encasing; backfilling; and asphalt paving.
 - b. P03: Recontouring work areas.

Overhead Transmission Line:

1. P03: No activity.
2. P04: No activity.
3. P05: No activity.
4. P06: No activity.
5. CC MM CP: Installing scaffolding.

Peñasquitos Substation:

1. No activity.

Sycamore Substation:

1. Excavating; installing conduit; 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. A nesting bird survey was conducted on January 22, 2018, in Segment 5, Section 20, from Station 336+00 to the Kearny Mesa Road cul-de-sac. No nesting birds were observed during the nesting bird survey.
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. Cultural and paleontological teams monitored vault excavations on the west side of the project, trenching on Stonebridge Parkway, and spot-checked minor excavations at the Sycamore Substation. Potholing activities, by use of a vacuum method, were spot-checked, as needed. No cultural or paleontological resources were observed during this reporting period.
4. No hazardous materials releases were recorded during this reporting period. An Environmental Health Specialist from San Diego County of Department of Environmental Health, Hazardous Materials Division conducted an on-site inspection of the Driving Range Staging Yard Hazardous Materials Storage Area on January 24, 2018. No corrective actions were identified during the inspection.

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. During this reporting period, a Red Flag Warning was issued by the National Weather Service on January 26, 2018, for the Mountains and Valleys (Zone 250). This zone covers the entirety of the Project work areas east of I-15. Construction activities were restricted east of I-15 on January 27, 2018. Normal work activities continued west of I-15.
6. Daytime underground construction activities occurred Monday through Saturday, from 8:00 am to 4:00 pm. Daytime and nighttime 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. On January 25, 2018, approximately 3 cubic yards of soil fell onto the paved roadway along Kearny Mesa Road at approximately Segment 5, Section 20, Station 335+50. The soil fell onto the roadway when a dump truck that was hauling soil from vault excavation popped open. The crews immediately shoveled the soil from the street, placed it back into the dump truck, and swept the remaining soil up off the pavement. The soil was then transported to the Hanson Staging Yard.
9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,670 project personnel have received the required SEAP training, and 1,566 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):**
Environmental Health Specialist from San Diego County of Department of Environmental Health, Hazardous Materials Division

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.
3	02/03/17	02/27/17	Segment A Segment C	1. Overhead construction from Sycamore Substation to Structure P06 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

MPR Request	Date Submitted	Date Issued	Segment #	Description
#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.
#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

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
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

Type	Date	Location	Description
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

2018-01-23 AM Inspection Report

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

Inspection Date	2018-01-23
Start Time	09:52:00
End Time	12:49:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Shallow trench work (into pavement) took place on Stonebridge Parkway and Pomerado Road. Digging also starting on PO5 access road. Vault work took place along alignment and pole work at CC MM CP.
Summary of Compliance Activities	I didn't observe any excavation requiring monitors, nor did I observe other resource monitors.
Were any issues encountered?	No

Photo Log

Photo



Caption Straw wattles have been extended across entire bottom of road below CC MM CP.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 12:34:15 GMT-0800 (PST)
Coordinates: 32.889185, -117.202877
View Direction: East

Photo



Caption Erosion control devices below CC MM CP will be deployed before next predicted rain event, per LEI.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 12:31:28 GMT-0800 (PST)

Photo



Caption Gap in straw wattles is to allow water from outflow pipe at CC MM CP to flow across work site and downslope, per LEI.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 12:29:52 GMT-0800 (PST)
Coordinates: 32.889873, -117.203313
View Direction: West

Photo



Caption Erosion control below outfall onto CC MM CP.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 12:28:21 GMT-0800 (PST)
Coordinates: 32.8899, -117.203208
View Direction: East

Photo



Caption Vault work on Marilani Road. Fire equipment is in back of open truck.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 12:09:02 GMT-0800 (PST)
Coordinates: 32.895651, -117.143354
View Direction: Southeast

Photo



Caption Vault work site on Pomerado Road.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 11:42:34 GMT-0800 (PST)
Coordinates: 32.900109, -117.097446
View Direction: Northwest

Photo



Caption Approach to work zone from west (Pomerado Road). Mandreling in background.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 11:22:29 GMT-0800 (PST)
Coordinates: 32.919547, -117.063489
View Direction: North

Photo



Caption Staging area on Stonebridge Parkway. Drip pan is under equipment.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 11:10:19 GMT-0800 (PST)
Coordinates: 32.921803, -117.057951
View Direction: Northwest

Photo



Caption Staging area on Downing Lane. (off Stonebridge Parkway), with drip pan in place.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 10:41:36 GMT-0800 (PST)
Coordinates: 32.92228, -117.048502
View Direction: North

Photo



Caption Approach to work zone from east (Stonebridge Parkway).

Photo Attributes Capture Date/Time: Tue Jan 23 2018 10:08:28 GMT-0800 (PST)

Photo



Caption Digging trench in PO5 access road.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 10:02:00 GMT-0800 (PST)
Coordinates: 32.922272, -117.042986
View Direction: East

Photo



Caption Excavated area around base of PO5 is holding water.

Photo Attributes Capture Date/Time: Tue Jan 23 2018 09:57:39 GMT-0800 (PST)
Coordinates: 32.92276, -117.042337
View Direction: South

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	Met Requirements

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? 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

Q7 Notes Erosion control BMPs repaired and in place.

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? Met Requirements

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

2018-01-26 AM Inspection Report

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

Inspection Date	2018-01-26
Start Time	09:37:00
End Time	13:17:00
Monitor Name	Dave Flietner
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Trenching, repaving, vault work, and constructing scaffolding took place.
Summary of Compliance Activities	Archaeology, Native American, and paleontology monitors (1 each) present.
Were any issues encountered?	No

Photo Log

Photo



Caption Gravel bag BMP in place at CC MM CP site. See comments regarding erosion control.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 13:07:11 GMT-0800 (PST)
Coordinates: 32.889978, -117.203292
View Direction: South

Photo



Caption Scaffolding being erected at CC MM CP site.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 13:04:37 GMT-0800 (PST)
Coordinates: 32.889789, -117.202739
View Direction: North

Photo



Caption Vault work site, Carroll Canyon Road.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 12:48:43 GMT-0800 (PST)
Coordinates: 32.892272, -117.191647
View Direction: West

Photo



Caption Kearney Mesa Road work site, covered soil stockpile in foreground

Photo Attributes Capture Date/Time: Fri Jan 26 2018 12:05:12 GMT-0800 (PST)
Coordinates: 32.894631, -117.117428
View Direction: West

Photo



Caption Erosion controls BMPs at bottom of Kearney Mesa Road work area.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 12:02:43 GMT-0800 (PST)
Coordinates: 32.894925, -117.117494
View Direction: East

Photo



Caption Mandreling site on Pomerado Road.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 11:44:40 GMT-0800 (PST)
Coordinates: 32.916302, -117.068954
View Direction: Northeast

Photo



Caption Removing concrete from Pomerado Road median and mandreling.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 11:12:27 GMT-0800 (PST)
Coordinates: 32.922301, -117.06064
View Direction: North

Photo



Caption Four warning signs approaching corner of Pomerado Road.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 11:15:43 GMT-0800 (PST)
Coordinates: 32.922184, -117.061004
View Direction: South

Photo



Caption Truck covering over soil being transported from PO5.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 10:35:21 GMT-0800 (PST)
Coordinates: 32.921902, -117.04419
View Direction: East

Photo



Caption Trenching in PO5 access road, 2 monitors present.

Photo Attributes Capture Date/Time: Fri Jan 26 2018 10:25:06 GMT-0800 (PST)

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
Q7 Notes	Additional BMPs in place at CC MM CP site to slow runoff in light rains. They would be removed to prevent flooding in work area during heavy rains, per LEI.
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?	Met Requirements
Q11 Notes	Monitors on hand for excavation in PO5 access road.
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