

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: February 9, 2018
To: Billie Blanchard, CPUC Project Manager
From: Sheila Hoyer, CPUC Monitoring Supervisor
Subject: Weekly Report #57 – January 29 to February 3, 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 29 to February 3, 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): Korey Klutz

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 12 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: No activity.
4. P06: No activity.
5. CC MM CP: Installing scaffolding.

Peñasquitos Substation:

1. No activity.

Sycamore Substation:

1. Excavating; 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. A nesting bird survey was conducted on February 2, 2018, in the following locations: Segment 5, Section 20, from Station 322+00 to 336+00; MPR #12 area; and in Segment 3, Sections 1 and 2, from Station 416+00 to 438+00. 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. Specifically, cultural and paleontological teams monitored trenching on Stonebridge Parkway. During this reporting period, trenching along Stonebridge Parkway was completed. No cultural or paleontological resources were observed during this reporting period.
4. On January 31, 2018, a hydraulic fluid release occurred on Kearny Mesa Road when a backhoe's hydraulic hose broke. Crews that were around the backhoe when the release occurred immediately installed a drip pan under the broken hydraulic hose to capture the release. In total, approximately 4 gallons of fluid was released; however, only a small portion of the release reached the asphalt surface. The release was immediately cleaned

up using absorbent pads and absorbent powder. All soiled materials were placed in the on-site hazardous waste storage bins located in the Stonebridge Staging Yard. The broken hydraulic hose was immediately repaired while the backhoe was on Kearny Mesa Road. No other 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. 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. In accordance with the Fire Plan, construction activities were restricted east of I-15 on January 29, 2018. The Red Flag Warning was lifted on January 29, 2018, at 4:00 p.m. 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 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.
9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,682 project personnel have received the required SEAP training, and 1,578 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.

NTP #	Date Submitted	Date Issued	Segment #	Description
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
#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

MPR Request	Date Submitted	Date Issued	Segment #	Description
#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
#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

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

Type	Date	Location	Description
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

2018-02-01 AM Inspection Report

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

Inspection Date	2018-02-01
Start Time	10:18:00
End Time	14:00:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Active work areas were CMMCP, vault work on Activity Road, Pomerado Road and trench work on Stonebridge Parkway.
Summary of Compliance Activities	All work was completed per the conditions of approval. Fire conditions were normal and traffic measures were implemented as approved.
Were any issues encountered?	No

Photo Log

Photo



Caption Trench work to P05.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 13:15:55 GMT-0800 (PST)
Coordinates: 32.922020, -117.044160
View Direction: Northeast

Photo



Caption Trench work on Stonebridge Parkway.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 13:12:09 GMT-0800 (PST)
Coordinates: 32.921929, -117.044209
View Direction: West

Photo



Caption Paving and traffic control on Stonebridge Parkway.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 13:05:50 GMT-0800 (PST)
Coordinates: 32.921193, -117.048324
View Direction: East

Photo



Caption Vault mandreling on Pomerado Road.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 13:01:02 GMT-0800 (PST)
Coordinates: 32.920690, -117.062797
View Direction: South

Photo



Caption Traffic control at Pomerado Road.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 12:58:39 GMT-0800 (PST)
Coordinates: 32.921265, -117.062676
View Direction: North

Photo



Caption Street plate storage, active traffic control in place on Padgett Street.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 11:46:05 GMT-0800 (PST)
Coordinates: 32.896781, -117.127141
View Direction: South

Photo



Caption Vault/cable work on Activity Road.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 11:09:57 GMT-0800 (PST)
Coordinates: 32.896604, -117.133733
View Direction: West

Photo



Caption BMPs in place and maintained at CC MM CP.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 10:25:13 GMT-0800 (PST)
 Coordinates: 32.889852, -117.203421
 View Direction: South

Photo



Caption CCM MCP pole and scaffolding.

Photo Attributes Capture Date/Time: Thu Feb 01 2018 10:21:17 GMT-0800 (PST)
 Coordinates: 32.889650, -117.202520
 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 Met Requirements

appropriate composting or recycling, as appropriate?	
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?	N/A
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	BMPs were installed and maintained throughout active ROW.
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
Q10 Notes	Fire conditions were normal throughout active ROW. Red flag warning ended on Monday.
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

2018-02-02 AM Inspection Report

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

Inspection Date	2018-02-02
Start Time	10:53:00
End Time	14:04:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Active work included cable installation and mandreling on Pomerado Road, cable install on Carroll Canyon Road, trench work on Stonebridge Parkway, and pole work at CC MM CP.
Summary of Compliance Activities	All work was done within the conditions of approval.
Were any issues encountered?	No

Photo Log

Photo



Caption CC MM CP with tarp on east side.

Photo Attributes Capture Date/Time: Fri Feb 02 2018 13:45:50 GMT-0800 (PST)
Coordinates: 32.889786, -117.202591
View Direction: Northwest

Photo



Caption Trench work and traffic control on Stonebridge Parkway.

Photo Attributes Capture Date/Time: Fri Feb 02 2018 11:17:13 GMT-0800 (PST)
Coordinates: 32.921356, -117.044122
View Direction: North

Photo



Caption Equipment storage Stonebridge Parkway.

Photo Attributes Capture Date/Time: Fri Feb 02 2018 11:09:31 GMT-0800 (PST)
Coordinates: 32.921334, -117.057434
View Direction: West



Caption Cable installation on Pomerado Road.

Photo Attributes Capture Date/Time: Fri Feb 02 2018 10:53:29 GMT-0800 (PST)
 Coordinates: 32.899756, -117.098908
 View Direction: East

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	Water truck observed onsite.
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?	N/A
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
Q9 Notes	Equipment not being used was properly stored with drip pans.
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	Met Requirements

avoidance occurring as required? (b) If potential resources or human remains were inadvertently discovered, were response procedures and protocols implemented as required?

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

Q14 Notes Conditions were implemented as approved.

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