

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: June 1, 2018
To: Billie Blanchard, CPUC Project Manager
From: Jessica Hing, CPUC Monitoring Supervisor (back-up)
Subject: Weekly Report #73 – May 21 to May 26, 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 May 21 to May 26, 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; demobilizing equipment; and delivering, sorting, and removing spoil material

Crestmar Point Staging Area:

1. Delivering equipment; and inspecting BMPs.

Underground Transmission Line:

1. Nighttime construction activities: Asphalt saw cutting; grinding the roadway; trenching; and installing conduit.
2. Daytime construction activities west of I-15 in Segment 5 in Section 20 (approximately at Stations 322+00 to 401+00): Mandreling
3. Daytime construction activities east of I-15 in Segment 3 in Sections 12 through 17 (approximately at Stations 614+00 to P05): Installing and splicing cable; mandreling; and working in vaults.

I-15 Crossing

1. Construction activities in Segment 5 (approximately at Station 402+50): Grouting around the installed reinforced concrete pipe; and preparing the pipe for installation of the 230-kV cable conduit and spacers.

Overhead Transmission Line:

1. P03: Splicing and testing fiber optic wire.
2. P04: No activity.
3. P05: Splicing conductor wire and fiber optic wire; and removing scaffolding.
4. P06: No activity.
5. CC MM CP: No activity.

Peñasquitos Substation:

1. No activity.

Sycamore Substation:

1. Splicing and testing conductor and fiber optic wire; and installing electrical hardware on the racking station.

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 or had due diligence documentation provided to CPUC for it.
2. A nesting bird survey was conducted on May 24, 2018 at structure CC MM CP in anticipation of proposed final grading activities scheduled for May 29, 2018. No nesting birds were encountered. During this reporting period, daily nest monitoring was conducted at three different locations. The three locations consist of a pair of common ravens nesting near the west side sending bore pit (Segment 4, West of I-15), a kestrel pair nesting in a monopole inside the Sycamore Substation, and a Say's phoebe nest underneath the contractor's construction trailer. The kestrel, raven, and phoebe nests were spot-checked throughout the day on a daily basis. Daily monitoring will continue until it is determined that the young have fledged, it is not an active nest, or construction activities cease at these locations. On May 24, 2018, the Lead Environmental Inspector (LEI) was notified by a SDG&E FCA of a southern Pacific rattlesnake located inside the

Sycamore Substation in proximity to where workers were testing fiber optic cable. The LEI captured the rattlesnake and released it unharmed on the same day. On May 25, 2018, the LEI was notified by a SDG&E FCA of a cottontail rabbit that fell into the west side bore pit. The rabbit was captured by the contractors and handed over to the LEI. The LEI released the rabbit unharmed on the same day. On May 25, 2018, the LEI found a red diamond rattlesnake located under the SDG&E construction trailer within the Stonebridge Staging Yard; the snake was captured and released unharmed by the LEI on the same day. No other special-status species were observed during the monitoring period. All project equipment arrived clean and free of mud and/or vegetation.

3. During this reporting period, archaeological, paleontological, Cultural and Native American monitors were on-site for ground-disturbing activities. Cultural monitoring teams and paleontological monitors observed trenching during day and night shifts along Pomerado Road on the east side of I-15 near the receiving pit. No cultural or paleontological resources were observed during the monitoring effort this reporting period.
4. On May 24, 2018, during the night shift, approximately 3 to 4 quarts of diesel fuel was released onto the asphalt roadway near station 422+00. The release was caused by a truck that had an overfilled gas tank and was also parked at an angle, causing the overfill to release from the tank onto the ground. The release was immediately contained and cleaned up with absorbent pads and material. The stained materials were bagged and placed in an on-site hazardous waste metal storage drum located in the Nancy Ridge Staging Yard. No other hazardous material releases were recorded during this reporting period.
5. All construction activities occurred in accordance with the approved Construction Fire Prevention Plan.
6. Nighttime underground construction activities occurred during this reporting period for trenching along Pomerado Road from 9:00 pm to 5:00 am. 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. The QSP conducted a pre-rain inspection on May 21 and May 24, 2018, for the anticipated rain events on May 22 and May 25, 2018. The rain events did not occur as anticipated. The Environmental Inspectors inspected equipment to ensure that drip pans were being placed under equipment by the contractor. All trash receptacles were covered daily, ingress/egress areas were hand-swept, a street sweeper was used in and around work areas, and regular BMP maintenance and installation was conducted throughout the week.

9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,884 project personnel have received the required SEAP training, and 1,780 project personnel have received the UXO training.
10. No compliance level incidents were recorded 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.
3	02/03/17	02/27/17	Segment A Segment C	<ol style="list-style-type: none"> Overhead construction from Sycamore Substation to Structure P06 Overhead construction from Structure CC MM CP to the Peñasquitos Substation Deepwell AC mitigation installation Construction activities at Sycamore Canyon and Peñasquitos Substations
4	09/27/17	09/28/17	Segment B	Conduct geotechnical boring at the end of the cul-de-sac of Kearny Mesa Road, west of I-15 in the City of San Diego.

MINOR PROJECT REFINEMENT & TEMPORARY EXTRA WORKSPACE REQUESTS

Tables 2 and 3 summarize the Minor Project Refinements (MPRs) and Temporary Extra Workspace (TEWS) Requests that 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.

MPR Request	Date Submitted	Date Issued	Segment #	Description
#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.
#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
#14	3/29/18	3/30/18	Segment B	Authorizes an approximately 0.44 acre of additional temporary workspace located just northwest of structure CC MM CP

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

TEWS Request	Date Submitted	Date Issued	Segment #	Description
#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

No incidents occurred during this reporting period.

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
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

Type	Date	Location	Description
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
Memoranda	03/02/2018	Segment B	Traffic incident at Miramar Road
Level 3	04/27/18	Segment B	Non-adherence to approved Fire Plan
Level 2	04/27/18	Segment B	Construction vehicles driving outside of approved work area crushing vegetation without prior nest survey
Level 1	05/01/18	Segment B	Workers on site without SEAP training

ATTACHMENT A INSPECTION REPORTS

2018-05-23 AM Inspection Report



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

Inspection Date	2018-05-23
Start Time	08:48:00
End Time	21:42:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Work included cable install on Pomerado Road, fiber optic work at PO5, grouting pipe under I-15 and vault work on Stonebridge Parkway. Nighttime work is scheduled but start time will not be until after 10pm.
Summary of Compliance Activities	LEI and EIs were onsite actively ensuring compliance with conditions of approval.
Were any issues encountered?	No

Photo Log

Photo



Caption Crane lift.

Photo Attributes Capture Date/Time: Wed May 23 2018 09:04:56 GMT-0700 (PDT)
Coordinates: 32.894562, -117.117699
View Direction: North

Photo



Caption Workers prepping steel beams for bore pit.

Photo Attributes Capture Date/Time: Wed May 23 2018 08:50:37 GMT-0700 (PDT)
 Coordinates: 32.894557, -117.117664
 View Direction: Northwest

Photo



Caption Supply delivery, crane will lift into bore pit.

Photo Attributes Capture Date/Time: Wed May 23 2018 08:49:00 GMT-0700 (PDT)
 Coordinates: 32.894600, -117.117732
 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 Met Requirements

collected and separated from non-organic waste for 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)? Met Requirements

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? 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

Q13 Notes Traffic and access to businesses was normal throughout active ROW.

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 Traffic measure 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