

## PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: July 6, 2018  
To: Billie Blanchard, CPUC Project Manager  
From: Jessica Hing, CPUC Monitoring Supervisor (back-up)  
**Subject:** Weekly Report #78 – June 25-June 30

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### 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 June 25 to June 30, 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. Delivering materials and equipment; demobilizing equipment; and delivering, processing, and removing spoil material from Pomerado Road.

#### Crestmar Point Staging Area:

1. Delivering equipment; and inspecting BMPs.

**Underground Transmission Line:**

1. Nighttime construction activities (Stations 415+00 to 419+00) June 25, 26, 27, and 28, 2018: Repairing, installing, and encasing conduit, followed by paving asphalt.
2. Daytime construction activities east of I-15 in Segment 3, Sections 2 and 3 (approximately at Stations 438+00 to 455+00): Splicing fiber optic and cable.

**I-15 Crossing:**

1. Installing water manifold system.

**Overhead Transmission Line:**

2. No activity.

**Roadway Restoration**

1. No activity.

**Peñasquitos Substation:**

1. No activity.

**Sycamore Substation:**

1. Overhead Transmission Line: Splicing fiber optic and cable.

**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.
2. No 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, no archaeological, paleontological, and Native American monitors were not on-site. No cultural or paleontological resources were observed during the monitoring effort in this reporting period.
4. On June 30, a hydraulic fluid stain was discovered on the soil surface in the work area surrounding the bore pit located east of I-15. The release was cleaned, picked up and placed in an on-site hazardous waste storage drum at the Driving Range 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 trenching construction activities occurred on June 25, 26, 27, and 28, 2018, 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. Workers parked within the work limits of the Project Staging Yards or parked on the adjacent public street. Traffic Control Permits were obtained from the City of San Diego.

8. During this reporting period, the Qualified SWPPP Practitioner (QSP) conducted daily inspections. The contractor continued to maintain BMPs as necessary. On June 27, 2018, two separate failures of the cooling system within the west side bore pit resulted in non-storm water discharges. The cooling system failed once at approximately 10:00 a.m., and a second failure, on a different water cooling line, occurred again at 10:00 p.m. In each event, the water was discharged into BMPs within the project area. During the first occurrence, approximately 700 to 800 gallons of the diluted water/grout liquid was discharged within the project area. During the second occurrence, at 10:00 p.m., approximately 12,000 gallons of diluted water/grout liquid was discharged within the project area. In both occurrences, the liquid did not reach any storm drain inlet or drainage channel. Filter socks and gravel bag BMPs were used prior to the liquid leaving the work area. In addition, crews returned to the site to clean up and remove any grout residue that was discharged to the ground in that area. On June 28, 2018, notification of the non-storm water discharges was provided to the Regional Water Quality Control Board, City of San Diego, and CPUC.
9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,913 project personnel have received the required SEAP training, and 1,813 project personnel have received the UXO training.
10. On June 28, 2018, SDG&E submitted a Level 1 Compliance Incident Notification for work activities occurring outside of the approved temporary work space as a result of the two non-storm water discharges that occurred on June 27, 2018. No other 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"> <li>Overhead construction from Sycamore Substation to Structure P06</li> <li>Overhead construction from Structure CC MM CP to the Peñasquitos Substation</li> <li>Deepwell AC mitigation installation</li> <li>Construction activities at Sycamore Canyon and Peñasquitos Substations</li> </ol>
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 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	01/30/18	01/30/18	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	02/01/18	02/05/18	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	03/29/18	03/30/18	Segment B	Authorizes an approximately 0.44 acre of additional temporary workspace located just northwest of Structure CC MM CP
#15	06/12/18	06/15/18	Segment C	Authorizes the installation of stormwater management features by Structure CC MM CP
#16	06/20/18	06/25/18	Segment A	Authorizes the repair of the access road to Sycamore Canyon Substation, including slope repairs at two proposed locations and widening the access road at one location north of the 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**

One incident 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

Type	Date	Location	Description
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
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
Level 1	06/28/18	Segment B	Unauthorized non-stormwater discharge

## **ATTACHMENT A INSPECTION REPORTS**

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# 2018-06-27 AM Inspection Report



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

Inspection Date	2018-06-27
Start Time	13:45:00
End Time	16:24:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Work included grouting at both bore pit locations and several splicing crews.
Summary of Compliance Activities	LEI and monitors were onsite actively monitoring for compliance.
Were any issues encountered?	No

### Photo Log

Photo



Caption According to LEI there was a discharge of water at the western bore pit today. Water was discharged north of the pit, filter with gravel bags.

Photo Capture Date/Time: Wed Jun 27 2018 14:52:50 GMT-0700 (PDT)  
Attributes Coordinates: 32.894545, -117.117347  
View Direction: North

Photo



Caption Western bore pit grouting under way.

Photo  
 Attributes Capture Date/Time: Wed Jun 27 2018 14:50:41 GMT-0700 (PDT)  
 Coordinates: 32.894617, -117.117573  
 View Direction: North

Photo



Caption No active work along Stonebridge.

Photo  
 Attributes Capture Date/Time: Wed Jun 27 2018 14:32:03 GMT-0700 (PDT)  
 Coordinates: 32.921622, -117.044139  
 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
Q1 Notes	A discharge of water occurred outside of the approved work area. The LEI was onsite actively assessing the issue.
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	Met Requirements

requirements for special-status plants implemented adequately (e.g., avoiding sensitive areas)?	
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	Water from grouting at bore pit was discharged outside of work area. The discharges didn't impact any jurisdictional water ways.
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	Discharge sediment will be tested for PH to determine if mediation is required
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

## **ATTACHMENT B INCIDENT REPORTS**

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Jessica Hing &lt;jessica.hing@panoramaenv.com&gt;

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## SXPQ-10652-ENV-TR Level 1 Compliance Incident Notification

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SXPQ230kV@semprautilities.com &lt;SXPQ230kV@semprautilities.com&gt;

Thu, Jun 28, 2018 at 7:21 PM

To: billie.blanchard@cpuc.ca.gov, TWare@semprautilities.com, SBoczkwicz@semprautilities.com, chelsea.ohanesian@aecom.com, Michelle.Fehrensen@aecom.com, Jkaminsky@semprautilities.com, kreynolds@semprautilities.com, Jessica.Fernandes@aecom.com, ceck@burnsmcd.com, MHuber@semprautilities.com, KBasinski@semprautilities.com, LHuerta@seucontractor.com, jessica.hing@panoramaenv.com, susanne.heim@panoramaenv.com, sheila.hoyer@panoramaenv.com, Ron.Walker@aecom.com, jmckay@seucontractor.com  
Cc: SXPQ230kV@semprautilities.com

[Link to # SXPQ-10652-ENV-TR](#)

**To:** Blanchard, Billie

**From:** Ware, Tanzania

**Remarks:**

Date: 2018-06-28

Response By: Ware, Tanzania

Remarks/Response: Hello,

In compliance with Section 4.5 of the Sycamore to Peñasquitos 230 kilovolt (kV) Transmission Line Project's (Project) Mitigation, Monitoring and Reporting Program (MMCRP), San Diego Gas and Electric (SDG&E) is submitting this Level 1 Compliance Incident Notification associated with two non-storm water discharges that occurred on June 27, 2018. The non-storm water discharges were the result of two separate failures of the cooling system at the bore pit located west of Interstate-15. Specifically, the bore pit grouting operation consisted of a grout injection into the bore hole around multiple fiberglass conduit lines/pipe. The conduit pipe is used to relay potable water to cool the grout as it dries. During the cooling operation, pipe connection points failed allowing the potable water to enter the bore pit. At this point the water within the bore pit contained grout residue. The water level within the pit continued to rise as workers attempted to seal the leaking pipe. To fix the break in the cooling water line, the water level within the bore pit needed to be lowered by pumping water out of the pit to create a safe work area. This water was pumped using a sump pump into the existing paved work area using filter socks. Best Management Practices (BMPs) including numerous layers of fiber roll and approximately 25 gravel bag check dams were in place downslope of the discharge. This failure occurred once at approximately 10:00 AM, and a second failure, on a different water cooling line, occurred again at 10:00 PM. In each event, the water was discharged into BMPs within the project area.

During the first occurrence, vacuum trucks were immediately deployed to the site. Two trucks arrived at approximately 10:45 AM to begin pumping water from the pit to reduce need for surface discharge. Prior to arrival of the vacuum trucks, approximately 700 to 800 gallons of the water/liquid from the leak flowed out of the work area. The water/liquid did not reach any storm drain inlet or drainage channel. Filter socks and gravel bag BMPs were used prior to the diluted water/grout liquid leaving the work area.

During the second occurrence, at 10:00 PM, vacuum trucks were not available at the time of the incident, and approximately 12,000 gallons of water/liquid was pumped and discharged to the upland area. The liquid did not reach any storm drain inlet or drainage channel. Filter socks and gravel bag Best Management Practices (BMPs) were used prior to the liquid leaving the work area. In addition, crews returned to the site to clean up and remove any grout residue that was discharged to the ground in that area. The majority of the cleanup is complete (see attached photos), but some minor areas of cleanup will be completed by tomorrow, 6/29/18.

Notification of the discharges has been provided to the Regional Water Quality Control Board and City of San Diego and was reported in accordance with the SWPPP.

Response was conducted in accordance with the SWPPP and MMCRP. However, because the incident resulted in the installation of BMPs and clean-up activities outside of the approved Project limits, SDG&E has determined that this is a non-compliance incident. Since no resources were put at risk, SDG&E is submitting this Level 1 Incident Notification for project activities beyond the approved work limits.

7/6/2018

Panorama Environmental Mail - SXPQ-10652-ENV-TR Level 1 Compliance Incident Notification

As a corrective action, SDG&E has informed the contractor that a vacuum truck must be available on-site while the cooling system continues to operate (approximately 3 more days) to prevent any further discharges resulting from pipe failure.

Please let me know if you have any questions regarding this Level 1 Incident Notification.

Tanzania Ware  
San Diego Gas and Electric  
310-902-2415

**Issued For:** Your Use

**Status:** No Action Required

**Link(s) to Attachment(s):**



**20180628\_SPXQ\_Level 1 Photos.zip**  
6533K