

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date: November 27, 2017

To: Billie Blanchard, CPUC Project Manager
From: Sheila Hoyer, CPUC Monitoring Supervisor

Subject: Weekly Report #46 – November 12 to November 18, 2017

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 November 12 to November 18, 2017.

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 Noncompliance, 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 materials and equipment; and maintaining BMPs.

Driving Range Staging Yard:

1. Delivering and removing materials and equipment; maintaining BMPs; and conducting fiber optic and cable tests (Attenuation Tests).

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 maintaining BMPs.

Underground Transmission Line:

- 1. Nighttime construction in Segment 5 along Sections 1 through 19 (approximately at Stations 13+00 to 321+00): Saw cutting for trenches; excavating trenches; potholing; installing and mandreling conduit; backfilling; laying asphalt; and maintaining BMPs.
- 2. Daytime construction in Segment 3 in Sections 9 through 15 (approximately at Stations 454+00 to 654+00): Saw cutting for trenches and vaults; excavating trenches and vaults; potholing; installing and mandreling conduit; installing cable; backfilling; laying asphalt; and maintaining BMPs.

Overhead Transmission Line:

- 1. P03: Pulling wire; and installing equipment.
- 2. P04: Pulling wire; and installing equipment.
- 3. P05: Pulling wire; and installing equipment.
- 4. P06: Pulling wire; and installing equipment.
- 5. CC MM CP: No activity.

Peñasquitos Substation:

1. No activity.

Sycamore Substation:

1. Excavating trenches; installing conduit; backfilling; and removing soil.

Environmental Compliance:

- 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.
- 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.
- 3. During this reporting period, archaeological, Native American, and paleontological monitoring of vault excavations and trenching occurred in areas of high potential for paleontologically sensitive deposits and archaeological resources. On the west side of the project, the trench excavations were in disturbed soil/fill material where the potential to encounter historical or archaeological resources was low. Spot-checking during backhoe activities and within the trench excavations occurred. Paleontological monitors spot-checked grading activities to verify the soil composition as recommended by a Qualified Paleontologist. Cultural monitoring teams and paleontological monitors observed trenching and vault excavation along Pomerado Road and Sycamore Parkway, and trenching excavations at the Sycamore Canyon Substation to a depth of over 9 feet. Nighttime monitoring was discontinued on November 16, 2017 because activities were limited to areas that were previously disturbed by construction, or were in disturbed soil/fill material where the potential to encounter archaeological or paleontological resources were low. Cultural monitoring teams will continue spot-checking when needed at these locations. If the soil composition changes,

- full-time monitoring may be recommended by the CPUC-approved cultural resources specialist/archaeologist. No archeological and/or paleontological resources were observed during this reporting period.
- 4. On November 15, 2017, approximately 10 ounces of hydraulic oil was released from the front loader at cable pole location P03. Secondary containment was under the equipment at the time and nothing was released onto the soil surface. All absorbent materials used to clean up the spill were placed in a bag, which was transported to the Stonebridge Staging Yard and stored in an on-site metal hazardous waste storage drum. On November 16, 2017, a release of approximately three quarts of hydraulic fluid occurred from a cement truck on Miramar Road between stations 321+75 and 22+25. The release was cleaned up with absorbent materials, which were deposited into a plastic bag and sealed. The bag was transported to the Driving Range Staging Yard and stored in an on-site metal hazardous waste storage drum on the same day. On November 17, 2017, a release of approximately one quart of hydraulic fluid occurred from a cement truck on steel trench plates located on the dirt access road from stations 13+00 to 14+50. The release was cleaned up with absorbent materials, which were deposited into a plastic bag and sealed. The bag was transported to the Driving Range Staging Yard and stored in an on-site metal hazardous waste storage drum on the same day. On November 17, 2017, a release of approximately 10 ounces of diesel fuel was observed on loose soil at P05. The source of the release is unknown as no leaking equipment was on site during that time. The soil where the release occurred was shoveled up and deposited into a plastic bag and sealed. The bag was transported to the Stonebridge Staging Yard and stored in an on-site metal hazardous waste storage drum on the same day. No other hazardous materials releases occurred 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 Friday, from 8:30 am to 3:30 pm, and on Saturday from 8:00 am to 4:30 pm. Daytime construction activities on Stonebridge Parkway occurred Monday through Friday from 9:00 am to 3:30 pm. Construction hours on Saturday occurred from 8:30 am to 4:30 pm. Daytime overhead construction activities occurred Monday through Friday, from 7:00 am to 7:00 pm. Nighttime underground construction activities occurred Sunday through Thursday, from 9:00 pm to 5:00 am. Daytime and nighttime construction activities occurred in accordance with the City of San Diego approved Traffic Control 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 BMP maintenance requested by the CPUC Monitoring Supervisor on November 6, 2017, has been completed. On November 17, 2017 the CPUC Environmental Monitor notified the LEI regarding a minor BMP maintenance concern at P06. The CPUC Environmental Monitor requested that the QSP inspect the area and determine if any corrections were needed to a soil berm that had been run over by construction equipment. Specifically, the CPUC Environmental Monitor requested the QSP inspect the integrity of the soil berm and determine whether it would prevent potential unauthorized non-stormwater discharges from flowing out of the work area. Due to safety concerns associated with wire-pulling activities at P06, the QSP was not able to inspect the berm. The QSP will inspect the berm when the wire-pulling operations cease, which is expected to be on November 21, 2017.

- 9. All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,573 project personnel have received the required SEAP training, and 1,469 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.

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	 Overhead construction from Sycamore Substation to Structure P06 Overhead construction from Structure CC MM CP to 	
			С	the Peñasquitos SubstationDeepwell AC mitigation installationConstruction 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.

Table 3 Temporary Extra Workspace (TEWS) Requests

TEWS Request	Date Submitted	Date Issued	Segment #	Description
#1	06/29/17	07/05/17	В	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	В	Addition to approved temporary work area on Pomerado Road.

TEWS	Date	Date	Segment	Description
Request	Submitted	Issued	#	
#3	09/02/17	09/04/17	С	New location for temporary guard structure 06 in a paved parking lot at the intersection of Lusk Blvd. and Wateridge Circle.

NON-COMPLIANCES, PROJECT MEMORANDA & INCIDENTS

There were no non-compliances, memoranda or incidents reported during this reporting period.

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

Туре	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	
Memoranda	09/14/2017	Segment B	Spot fire on Pomerado Road caused by grinding activity spark	

ATTACHMENT	A INSPECTION	ON REPORTS	S	

2017-11-14 AM Inspection Report

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

 Inspection Date
 2017-11-14

 Start Time
 09:10:00

 End Time
 12:30:00

Monitor Name Dave Flietner

Organization Panorama Environmental, Inc. (Panorama)

Grinding, vault work, trenching, laying conduit, and

repaving occurred.

Summary of Compliance Activities LEI, archeology, Native American, paleontology, and

SWPPP monitors were working.

Were any issues encountered?

Photo Log

Summary of Construction Activities

Photo



Caption Helicopter parked at Stonebridge Staging Yard.

Photo Attributes Capture Date/Time: Tue Nov 14 2017 12:20:11 GMT-0600 (CST)

Coordinates: 32.921565, -117.030848

View Direction: East

Photo



Caption Removing asphalt on Stonebridge Parkway.

Photo Attributes Capture Date/Time: Tue Nov 14 2017 11:48:29 GMT-0600 (CST)

Coordinates: 32.921189, -117.057029

View Direction: Southeast



Caption Fire protection in place during trench cutting on Pomerado Road.

Capture Date/Time: Tue Nov 14 2017 13:27:56 GMT-0600 (CST) Coordinates: 32.909988, -117.074491 Photo Attributes

View Direction: West

Photo



Caption Repaving on Pomerado Road.

Capture Date/Time: Tue Nov 14 2017 11:21:40 GMT-0600 (CST) Coordinates: 32.912199, -117.072851 Photo Attributes

View Direction: West

Photo



Caption Traffic control for eastbound traffic on Pomerado Road.

Photo Attributes Capture Date/Time: Tue Nov 14 2017 11:04:57 GMT-0600 (CST)

Coordinates: 32.918643, -117.064826

View Direction: West

Photo



Caption Trenching on Pomerado Road. Three resource monitors observing work.

Capture Date/Time: Tue Nov 14 2017 10:59:54 GMT-0600 (CST) Coordinates: 32.918025, -117.066699 View Direction: Southwest Photo Attributes

Photo



Caption Concrete pour on Pomerado Road.

Photo Attributes Capture Date/Time: Tue Nov 14 2017 10:23:56 GMT-0600 (CST) Coordinates: 32.909714, -117.074598 View Direction: West

Photo



Caption Crew upgrading erosion control BMPS on Pomerado Road. east of Avenida Magnifica.

Photo Attributes Capture Date/Time: Tue Nov 14 2017 10:07:00 GMT-0600 (CST)

> Coordinates: 0, 0 View Direction: East

Photo



Clayton Drive staging area with flashing directional sign. Caption

Capture Date/Time: Tue Nov 14 2017 09:47:15 GMT-0600 (CST) Photo Attributes

Coordinates: 0, 0 View Direction: North

Photo



Caption Padgett Street staging area in good order.

Capture Date/Time: Tue Nov 14 2017 09:33:00 GMT-0600 (CST) Photo Attributes

Coordinates: 0, 0 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

Q3 - Special-Status Plants: Were impact avoidance and minimization requirements for special-status plants implemented adequately (e.g., avoiding sensitive areas)?

Q4 - Wildlife (Non-Avian): Were impact avoidance and

Met Requirements

N/A

N/A
Met Requirements
Met Requirements
Installation of erosion control BMPS in progress.
Met Requirements
Met Requirements
Met Requirements
Met Requirements
Three monitors observing excavation on Pomerado Road.
Met Requirements
Met Requirements
Met Requirements
Met Requirements
Helicopter parked at Stonebridge Yard.
Met Requirements
Met Requirements

2017-11-17 AM Inspection Report

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

 Inspection Date
 2017-11-17

 Start Time
 09:01:00

 End Time
 12:51:00

 Monitor Name
 Dave Flietner

Organization Panorama Environmental, Inc. (Panorama)

Summary of Construction Activities Digging on Stonebridge. Vault work, digging, laying conduit, and repaving on

Pomerado Road took place. Work also took place in vaults on Trade Place, Trade

Street, and Camino Santa Fe.

Summary of Compliance Activities Archaeology, paleontology, and Native American monitors present at excavations

on Stonebridge Parkway and Pomerado Road. El also present on alignment.

Were any issues encountered?

Photo Log

Photo



Caption Traffic control in place for underground work on Trade Street. (also Trade Place).

Photo Attributes Capture Date/Time: Fri Nov 17 2017 12:45:40 GMT-0600 (CST)

Coordinates: 32.889231, -117.153369

View Direction: West

Photo



Caption Traffic control on side streets to Pomerado Road.

Photo Attributes Capture Date/Time: Fri Nov 17 2017 12:19:54 GMT-0600 (CST)

Coordinates: 32.920063, -117.06339

View Direction: North

Photo



Caption Repaving Pomerado Road.

Capture Date/Time: Fri Nov 17 2017 11:57:33 GMT-0600 (CST) Coordinates: 32.90994, -117.074456 Photo Attributes

View Direction: East

Photo



Caption Excavation on Stonebridge Parkway, monitors present.

Capture Date/Time: Fri Nov 17 2017 11:06:32 GMT-0600 (CST) Coordinates: 32.92161, -117.057437 View Direction: East Photo Attributes

Photo



Caption Rumble plates and gravel bags installed on road to pole sites. Photo Attributes Capture Date/Time: Fri Nov 17 2017 10:42:47 GMT-0600 (CST) Photo



Caption Silt fencing installed along north end of PO5.

Capture Date/Time: Fri Nov 17 2017 10:37:39 GMT-0600 (CST) Coordinates: 32.922794, -117.042453 View Direction: East Photo Attributes

Photo



Gravel berm in west establishing side of PO6 site appears damaged from being backed over. It should be repaired or upgraded. Caption

Capture Date/Time: Fri Nov 17 2017 10:29:04 GMT-0600 (CST) Coordinates: 32.922851, -117.044157 View Direction: Northwest Photo Attributes

Photo



Caption Erosion control BMPs at PO6 site: fiber rolls and gravel berm.

Capture Date/Time: Fri Nov 17 2017 10:26:54 GMT-0600 (CST) Coordinates: 32.92282, -117.044119 Photo Attributes

View Direction: Northwest

Photo



Caption Fiber roll installation on Pomerado Road.

Capture Date/Time: Fri Nov 17 2017 09:33:06 GMT-0600 (CST) Coordinates: 32.902322, -117.091878 View Direction: West Photo Attributes

Photo



Caption Well-marked work zone on Miramar Road.

Photo Attributes Capture Date/Time: Fri Nov 17 2017 09:21:59 GMT-0600 (CST)

View Direction: East

Photo



Caption Properly placed drip pan at Padgett Street 'staging area.

Photo Attributes Capture Date/Time: Fri Nov 17 2017 09:04:30 GMT-0600 (CST)

Coordinates: 32.896014, -117.127049

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 CPUCapproved 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 Met Requirements for wildlife implemented adequately (e.g., avoiding sensitive areas, covering excavations, and inspecting equipment/trenches)?

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?

Corrections Required

Erosion control BMPs at PO6 site are fiber rolls and a berm (on west side where site slopes north). Vehicles have backed onto the berm creating weak points that could be compromised in a storm. LEI will ask SWPPP to check site and suggest correction.

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

Q7 Notes

Monitors were present where digging was occurring.

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,

Met Requirements

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?

N/A

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

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