

PROJECT MEMORANDUM SYCAMORE-PEÑASQUITOS 230-KV TRANSMISSION LINE PROJECT

Date:	November 16, 2017
To:	Billie Blanchard, CPUC Project Manager
From:	Sheila Hoyer, CPUC Monitoring Supervisor
Subject:	Weekly Report #45 – November 5 to November 11, 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 5 to November 11, 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; and maintaining 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 maintaining BMPs.

Underground Transmission Line:

- 1. Nighttime construction in Segment 5 along Sections 1 through 19 (approximately at Stations 13+00 to 322+00): Saw cutting for trenches and vaults; installing and mandreling conduit; backfilling; painting vaults; laying asphalt; maintaining BMPs; and installing storm drain inlet protection.
- 2. Daytime construction in Segment 3 in Sections 4 through 15 (approximately at Stations 455+00 to 654+00): Saw cutting for trenches and vaults; excavating trenches; potholing; installing and mandreling conduit; installing cable brackets within vaults; 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; and removing soil.

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.
- 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. No archeological and/or paleontological resources were observed during this reporting period.
- 4. On November 8, 2017, approximately 30 ounces of hydraulic fuel were released onto the soil surface at P03. The source of the release is unknown, as there were no vehicles/equipment staged at the location. All vehicles and equipment that were previously at the site were inspected for leaks and none were found to be leaking. The stained soil was shoveled up by and placed in a hazardous waste storage drum, which was dropped off at the Stonebridge Staging Yard. On November 9, 2017, approximately 3

to 4 ounces of anti-freeze fluid was released from a stationary light tower. The fluid was released onto the asphalt street surface at Segment 5, Section 5, station 85+50. The release was cleaned up on the same day with absorbent material and pads which were stored in the on-site hazardous waste storage bins located in the Driving Range Staging Yard. A drip pan was placed under the light tower until it was replaced with another light tower. The leaking light tower was taken to the Hanson Staging Yard where it is stored with a drip pan underneath it. 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. On November 8, 2017, traffic control was off the road at 5:30 am due to electrical crews completing their work at 5:15 am. The City of San Diego was notified of crews working past approved hours.
- 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 November 6, 2017, the CPUC Monitoring Supervisor notified the LEI regarding BMP maintenance concerns at multiple locations along Activity Road and Pomerado Road. BMP maintenance concerns specifically included the need to secure straw wattles in order to prevent potential unauthorized nonstormwater discharges from flowing underneath the fiber rolls. The LEI notified the contractor of the housekeeping items and corrective actions were immediately implemented by the contractor, which included trenching and staking the fiber rolls along Pomerado Road where there is no asphalt curb. In addition, several sections of fiber roll were removed from areas where work has been completed and active construction is no longer taking place.
- All construction and compliance personnel on site during this reporting period completed the Project Safety and Environmental Awareness Program (SEAP). To date, approximately 1,568 project personnel have received the required SEAP training, and 1,464 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		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	 Overhead construction from Sycamore Substation to Structure P06 	
			Segment C	2. Overhead construction from Structure CC MM CP to the Peñasquitos Substation	
				3. Deepwell AC mitigation installation	
				 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.

				r (min) hequests
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.

Table 2 Minor Project Refinement (MPR) Requests

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.

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.
#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 4Non-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

Туре	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

ATTACHMENT A INSPECTION REPORTS

2017-11-08 AM Inspection Report

SDG&E Sycamore-Peñasquitos 230- kV Transmission Line Project: Daily Inspection Report	
Inspection Date	2017-11-08
Start Time	08:30:00
End Time	11:45:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Active work on Pomerado east of Semillon Blvd. to Stonebridge Parkway. Vault work on Stonebridge Parkway and overhead wire work between P04 and P06. Cable install on Trade Street, Trade Place and Carroll Canyon Rd.
Summary of Compliance Activities	LEI and monitors were onsite actively ensuring compliance throughout active construction sites. Traffic control measures were implemented as approved.
Were any issues encountered?	No

Photo Log

Photo



Caption

Photo Attributes Capture Date/Time: Wed Nov 08 2017 12:16:22 GMT-0800 (PST) Coordinates: 33.175993, -117.352401 View Direction: East



Cable/vault work on Carroll Canyon Road. Photo Attributes Capture Date/Time: Wed Nov 08 2017 12:15:46 GMT-0800 (PST) Coordinates: 33.175998, -117.352452 View Direction: South

Photo



Caption Photo Attributes

Eastern edge of work/traffic control before intersection at Spring Hill Road.

Capture Date/Time: Wed Nov 08 2017 09:39:58 GMT-0800 (PST) Coordinates: 32.921778, -117.062503 View Direction: Southwest



Traffic control on Stonebridge Parkway. Photo Attributes Capture Date/Time: Wed Nov 08 2017 09:36:24 GMT-0800 (PST) Coordinates: 32.921875, -117.046777 View Direction: West

Photo



Caption Photo Attributes

Portion of Sycamore Canyon Park closed between P04 and P05. Capture Date/Time: Wed Nov 08 2017 09:31:55 GMT-0800 (PST) Coordinates: 32.922123, -117.039897 View Direction: East



Overhead view looking at P05.

Photo Attributes Capture Date/Time: Wed Nov 08 2017 09:30:26 GMT-0800 (PST) Coordinates: 32.921964, -117.040138 View Direction: West

Photo



Caption

Traffic control at western edge of work on Pomerado Road.

Photo Attributes Capture Date/Time: Wed Nov 08 2017 09:13:43 GMT-0800 (PST) Coordinates: 32.906992, -117.077617 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?

Q1 Notes

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

Met Requirements

All work was conducted within approved work limits.

Met Requirements

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?	
Q2 Notes	Water truck and street sweeper actively working within the ROW. Vehicle idle times were followed.
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?	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	Active BMP maintenance was underway on Pomerado Road. A complete inspection of the BMP maintenance will be conducted on 11/9.
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 were onsite for excavation along Pomerado 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

2017-11-09 AM Inspection Report

SDG&E Sycamore-Peñasquitos 230-kV Transmission Line Project: Daily Inspection Report	
Inspection Date	2017-11-09
Start Time	11:45:00
End Time	16:19:00
Monitor Name	Korey Klutz
Organization	Panorama Environmental, Inc. (Panorama)
Summary of Construction Activities	Work continued on Pomerado from Semillon Blvd. east to Stonebridge Parkway. Overhead work was active at P04, P05 and P06. Cable installation by New River subcontractor was active west of the I-15 on Trade Street and Carroll Canyon Road. BMP maintenance was also in progress along Pomerado Road.
Summary of Compliance Activities	LEI, Els, and monitors were onsite actively ensuring compliance. Traffic measures were implemented as approved.
Were any issues encountered?	No

Photo Log

Photo



Caption

Activity Road BMPs, now staked and trenched in place.

Photo Attributes Capture Date/Time: Thu Nov 09 2017 15:57:56 GMT-0800 (PST) Coordinates: 32.896310, -117.134144 View Direction: East



Area still needs to be trenched and staked. Photo Attributes Capture Date/Time: Thu Nov 09 2017 15:40:15 GMT-0800 (PST) Coordinates: 32.904409, -117.086968 View Direction: West

Photo



Caption Photo Attributes

Leaf litter in drain, City has requested these areas be maintained. Capture Date/Time: Thu Nov 09 2017 15:38:46 GMT-0800 (PST) Coordinates: 32.904838, -117.085756 View Direction: East Photo



Caption

Fiber Roll acting as curb, not staked but no soil disturbance south of the road. Photo Attributes Capture Date/Time: Thu Nov 09 2017 15:32:24 GMT-0800 (PST) Coordinates: 32.894709, -117.108597 View Direction: West

Photo



Caption

Street sweeper cleaning Stonebridge Parkway work site.

Capture Date/Time: Thu Nov 09 2017 14:52:04 GMT-0800 (PST) Coordinates: 32.921917, -117.050598 View Direction: East Photo Attributes



Overhead wire work at P05.

Photo Attributes Capture Date/Time: Thu Nov 09 2017 14:06:36 GMT-0800 (PST) Coordinates: 32.922091, -117.040373 View Direction: West

Photo



Caption Photo Attributes

Trench and concrete work on Pomerado Road west of Semillon Blvd. Capture Date/Time: Thu Nov 09 2017 13:33:06 GMT-0800 (PST) Coordinates: 32.910834, -117.073940 View Direction: West



Fiber roll staked now south of Pomerado and east of Scripps Ranch Blvd. Capture Date/Time: Thu Nov 09 2017 13:24:36 GMT-0800 (PST) Coordinates: 32.915007, -117.070895 Photo Attributes View Direction: West

Photo



Caption

Work on Pomerado Road at intersection with Semillon Blvd.

Capture Date/Time: Thu Nov 09 2017 13:23:48 GMT-0800 (PST) Coordinates: 32.915140, -117.070737 Photo Attributes 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?

Q1 Notes

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

Met Requirements

All work completed within approved work areas. Met Requirements

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?	
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	BMP maintenance in progress, some areas have been trenched and staked and other still need to be completed. Work will be completed likely by the end of next week.
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 were onsite monitoring excavation east of Semillon Blvd.
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