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**PROJECT MEMORANDUM  
SDG&E'S SUNRISE POWERLINK PROJECT**

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** November 18, 2011  
**Subject:** Weekly Report 59 – October 30 to November 5, 2011

**INTRODUCTION**

This report provides a summary of the construction and compliance activities associated with the SDG&E Sunrise Powerlink Project. This report is organized as follows:

- Transmission Line Construction
- Substation Construction and Upgrades
- Construction Yards and Other Workspaces

A summary of the Notices to Proceed with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Finally, a summary of Temporary Extra Work-space and non-compliance activity are provided in Tables 3 and 4, respectively.

**CPUC/Aspen Environmental Monitors (EM):** Cassandra Garza, Brian Woodward, Valerie Yep, and David Lee.

**TRANSMISSION LINE CONSTRUCTION**

**Summary of Activity:**

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Boulder removal occurred at Tower EP254-3.
- Access road construction was conducted at EP227-E-A.
- Gate installation occurred at EP220-1-N. Gate adjustments and removal occurred at EP207 and EP208.
- Driveway installation occurred at EP226-1-PS-E, EP227-E-A, and EP232-1-E-B.
- Micropile drill setup occurred at EP254-3. Micropile drilling occurred at EP252A-1 and EP261A.
- Micropile grouting occurred at EP261A.
- Micropile trimming occurred at EP259-3, EP259B-2, EP261A and EP262-4.
- Micropile proof testing occurred at EP261-2 and EP261A.
- Conventional drilling occurred at EP199-3.
- Various foundation work (capping, cage installation, grounding, etc.) and concrete pouring occurred at EP199-3.
- Form removal and cleanup was conducted at EP199-3.
- Concrete pouring occurred at EP199-3.
- Tower assembly occurred at EP207, EP255-2, and EP257.
- Miscellaneous assembly work (perch deterrents, anti-climb guards) occurred at EP359.
- All phases of conductor was pulled from EP215 to EP219-1.



- Spacers installed between EP215 to EP219.
- Clipping in was conducted from EP215 to EP219.
- Guard structure removal occurred at EP215.
- Dead-end work occurred at EP215 to EP219.

BLM Lands:

- Vegetation was cleared at EP170, EP170 pull sites, and Suckle mitigation property.
- Boulder removal occurred at EP170.
- Grading took place at EP170 and EP170 pull sites.
- Gate installation occurred at EP191-2-N. Gate adjustments and removal occurred at EP206-1.
- Micropile trimming occurred at EP263A-2, EP263B-2, EP264-4, EP265-2, EP267-2, EP272-3, EP276-1, EP277-1, EP278-1 and EP281.
- Micropile proof testing occurred at EP263A-1, EP263B-2, EP265-2, EP266-2, and EP281.
- Micropile cap work was conducted at EP269-1, EP270-2, PE271-2, EP272-3, Ep273-1, EP274-1, EP275-1, EP276-1, EP277-1, EP278-1, and EP281.
- Conventional drilling occurred at EP174, EP175, EP176, EP198 and EP202-3 (see Figure 1).
- Various foundation work (including capping, curing, cage installation, grounding, etc.) was conducted at EP176, EP182, and EP202-3.
- Concrete was poured at EP176 and EP202-3.
- Form removal and cleanup was conducted at EP176, EP180, EP182, and EP202-3.
- Tower assembly took place at EP200-3, EP200A-1, EP203-3, EP204-3, EP247, EP271-2, EP274-1, EP278-1, EP279-1, EP280-2, EP290, EP304-2, EP305-3, EP310, EP311-1, and EP312 (see Figure 2).
- Miscellaneous assembly work (perch deterrents, anti-climb guards) occurred at EP357, EP360, EP361, and EP362-1.
- QA/QC occurred at EP305, EP310, EP311, and EP312.
- Ground fence installation occurred along Interstate 8 (I-8) at EP341 and EP342. Ground rod installation occurred at EP203-3.
- Optical ground wire (OPGW) was pulled for all phases between EP301 and EP313.
- Traveler work was conducted EP301 to EP313 and EP319.
- Splicing occurred at EP322-1.
- Sleeving occurred at the EP313/314 pull site.
- Anchors were installed at EP280-2.
- Insulator work at/between occurred at EP301, EP302-1, EP303-2, EP304-2, EP306-1, EP307-1, EP308, and EP311-1.
- Clipping and sagging was conducted from EP313 to EP322-1.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at EP85-2-E, EP89 pull sites, EP91 pull site, EP105-E-A, and EP105-E-B.
- Grading occurred at EP89 pull sites (see Figure 3), EP91 pull site, EP105-E-A (see Figure 4), and EP105-E-B.
- Tree trimming occurred at EP77 and EP78.
- QA/QC occurred at EP89-1 and EP90-1.

#### BLM Lands:

- Access road construction occurred at EP39-1-N-B and EP42-N.
- Vegetation clearing occurred at EP69, EP71, EP72, EP73, and EP74-1.
- Grading occurred at EP42 pull site, EP47-2 pull site, EP49, and EP51-1.
- Conventional drilling occurred at EP42.
- Various micropile work (capping, pile surveys, site benching, etc.) occurred at EP43-1 (Golden Eagle, GE), EP44 (GE), and EP45-1.
- Micropile trimming occurred at EP47-2.
- Pilot holes were drilled for blasting at the EP47-2 pull site.
- Grouting occurred at EP47-2.

#### US Forest Service Lands:

- During this reporting period, the PAL Levels were as follows: Monday: EV, Tuesday: EV, Wednesday: E, Thursday: EV, Friday: A, and Saturday: B. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Access road construction occurred at EP105-E-A, EP105-E-B, EP125-N, EP126-1-N (see Figure 5), EP127-N, EP130-1-N, EP131 N, EP140-N, EP141-N, and La Posta Road from pavement to EP141 (see Figures 6 & 7).
- Vegetation clearing occurred at EP2-3 TSAP, EP3-3 TSAP, EP4-3 TSAP, EP5-2 TSAP, EP61 TSAP, EP7-1 TSAP, EP105-E-A, and EP105-E-B.
- Conventional drilling occurred at EP126-1 and EP127.
- Micropile drilling occurred at EP140.
- Various micropile work (capping, pile surveys, site benching, etc.) occurred at EP140.
- Grouting occurred at EP134-1 (GE), EP138-2 (GE), and EP139-1.
- Micropile test pulling occurred at EP132-2 (GE), EP134-1 (GE), EP135 (GE), EP136 (GE), EP137 (GE), EP139, and EP140.
- Micropile trimming occurred at EP132-2 (GE), EP136 (GE), EP137 (GE), and EP140.
- Concrete pouring occurred at EP141 (see Figure 8).
- Rebar cages were set and forms installed at EP130-1 and EP141.
- Form removal and cleanup occurred at EP131.
- Tower assembly occurred at EP131.
- Gate/Fence installation occurred at EP129-E-A.

#### 3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):

- Revitalization occurred near South Grade Road.
- Trenching occurred at Viejas Creek Bridge, V1L to riser pole, and V1R to riser pole.
- Pre-drilling/drilling occurred at Viejas Creek Bridge.
- Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V3L, V4L, V10L, V11L, V20L, V1R, V7R, V10R, V12R, and V13R.
- Proofing occurred from V1L to Riser Pole, V1L to V2L, Viejas Creek Bridge (south side), and V18L to V19L.
- Cable pulling occurred from V9R to V10R and V18L to V19L.
- Scaffolding was erected at CP95 and Loritz Property.
- Terminating occurred at the Loritz riser pole.
- Forming occurred at the Slay Property (riser pole) and Viejas Creek Bridge.

- Road work occurred at Slay/Bauer Property.
- Grading occurred at the Slay Property.
- Cooling line installation occurred at the I-8 Caltrans bore.

#### 4. Link 5:

##### Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation removal occurred at the CP31-2 pull site, CP31-2-E, CP31-2-N, CP31-2-PS-E, CP55/CP56-1 pull site, and CP56-1-E-A.
- Grading was conducted at the CP31-2 pull site, CP31-2-E, CP31-2-N, CP31-2-PS-E, CP48-2/CP49-1 pull site, CP55/CP56-1 pull site, CP98-N-B, and CP99-N (see Figure 9).
- Access road construction took place at CP49-1-PS-E, CP49-1-PS-N, CP56-1-E-A, and CP65-1-PS-N.
- Dexpan boulder breaking occurred at the CP55/CP56-1 pull site, CP56-1-E-A, CP106-1 (GE), and CP107-1.
- Drilling for blasting was conducted at CP49-1-PS-E and CP49-1-PS-N.
- Air track drilling took place at CP98.
- Conventional drilling occurred at CP70-3.
- Micropile drilling was conducted at CP65-1, CP62-2, and CP78-2.
- Micropile trimming took place at CP107.
- Various micropile work (including capping, pile surveys, site benching, etc.) occurred at CP71, CP74-2, and CP107.
- Grouting was conducted at CP70-3 and CP109-1.
- Ground rods were installed at CP19, CP20, CP22, and CP75-1.
- Tower assembly took place at CP41-2.
- Site cleanup occurred at CP75-1.

##### BLM Lands, 220 kV Overhead Transmission Line:

- Tree trimming occurred at CP67-3 (GE) and CP68-1 (GE).
- Micropile drilling was conducted at CP62A.
- Various micropile work (including capping, pile surveys, site benching, etc.) took place at CP65-1 and CP67-3(GE) (see Figure 10).
- Site cleanup occurred at CP66-2 (GE) and CP68-1 (GE).

##### MCAS Miramar (Federal) Lands, 220 kV Overhead Transmission Line:

- No work occurred during this reporting period.

##### MCAS Miramar (Federal) Lands, 69 kV Reconductoring Line:

- No work occurred during this reporting period.

##### MCAS Miramar (Federal) Lands, 12 kV Reconductoring Line:

- No work occurred during this reporting period.

##### US Forest Service Land:

- During this reporting period, the PAL Levels were as follows: Monday: EV, Tuesday: EV, Wednesday: E, Thursday: EV, Friday: A, and Saturday: B. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Vegetation removal occurred at CP99-2 and CP100-1.
- Tree trimming was conducted at CP105-1.

- Access road construction took place at CP100-1-N.
- Dexpan boulder breaking occurred at CP99-2.
- Conventional drilling was conducted at CP69-2 and CP100-1.
- Various micropile work (including capping, pile surveys, site benching, etc.) took place at CP104-1.
- Micropile trimming occurred at CP104-1.
- Micropile test pull was conducted at CP105-1.
- Grouting took place at CP105-1.
- A temporary bridge was set over the water line at the CP70-3 access road (see Figure 11).
- Gate at CP69-2 was installed.
- QA/QC occurred at CP101-1, CP103-3, CP104-1, and CP105-1.

**Environmental Compliance:**

1. Biological, Cultural, and Native American monitors were present as applicable during all transmission line construction activities.
2. BMPs were installed, refreshed, or maintained on tower sites, access roads, TSAPs, and pads associated with towers on Link 1:

Non-Federal Lands:

- Installed at EP220-1-N and EP220-1 pull site.
- Maintained at Rough Acres Yard, EP183 to EP185-2 and EP199-3.

BLM Lands:

- Installed at EP170-N to EP171-N, EP170, EP170 pull sites, and EP 171.
- Maintained at EP170 to Rough Acres, EP280-2 and Plaster City Yard to IV Substation.

3. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 2:

Non-Federal Lands:

- EP85-2-E, EP89 pull sites, EP91 pull site, EP105-E-A, and EP105-E-B.

US Forest Service Lands:

- EP105-E-A, EP105-E-B, EP125-N, EP126-1, EP126-1-N, EP127-N, EP130-1-N, EP131-N, EP140-N, EP141-N, and La Posta Road from pavement to EP141.

BLM Lands:

- EP47-2 pull site, EP51-1, EP69, EP71, EP72, EP73, and EP74-1.

4. BMPs were installed or refreshed on Link 4 (non-federal lands only):

- No BMPs installations or repairs reported by SDGE.

5. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 5:

Non-Federal Lands:

- BMP installation occurred at CP18-1, CP19-1, CP20, CP31-2 pull site, CP31-2-E, CP31-2-N, CP31-2-PS-E, CP49-1-PS-E, CP49-1-PS-N, CP70-3, CP71, CP72-2, CP73-2, CP98-1-N-A, CP98-N-B, and CP99-N.
- Hydromulching was conducted at CP98-1-N-A, CP98-N-B, and CP99-N.

BLM Lands:

- BMP installation occurred at CP65-1, CP66-2 (GE), CP67-3 (GE), and CP68-1 (GE).

MCAS Miramar (Federal) Lands, 220 kV Overhead Transmission Line

- No BMPs were installed or maintained during the reporting period.

MCAS Miramar (Federal) Lands, 69 kV Reconductoring Line:

- No BMPs were installed or maintained during the reporting period.

US Forest Service Lands:

- Hydromulching occurred at CP100-1-N.

6. One silvery legless lizard (*Anniella pulchra pulchra*) was found dead at EP200A-1. (Link 1)
7. Four silvery legless lizards (*Anniella pulchra pulchra*) were found dead at EP105-2-N. Three silvery legless lizards were relocated; one from EP134-1 and two from EP105-2 access road. (Link 2)
8. One Coastal rosy boa (*Lichamura trivirgata*) was found dead north of CP95/CP96. One Western spadefoot toad (*Spea hammondi*) was relocated from CP31-2 to a more suitable habitat away from construction activities. (Link 5)
9. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Transmission Line Construction activities. Non-Compliance activities for the project to date are summarized in Table 4.

#### **Agency Representatives during Construction (other than EMs):**

USFS Representatives: Robert Paul, Ed Wieringa, Jennifer MacDonald, Timothy Cardoza

### **SUBSTATION CONSTRUCTION AND UPGRADES**

#### **Summary of Activity:**

1. Suncrest Substation, Link 3 (non-federal lands): Rough grading continued on the substation pad and along Bell Bluff Truck Trail (BBTT). Rock was crushed for select fill material. Steel was erected in the northwest and southwest quadrants of the pad. Culvert installation continued east of the guard shack. Foundation pads were formed and concrete was poured. Conduit trenching took place for the ground grid in the southwest quadrant. The access roads leading to the northern and southern detention basin were final graded and Class 2 base was placed on them. Transformer assembly continued. Grout and blocks were placed for the control shelter (see Figure 12).
2. Imperial Valley (IV) Substation Upgrade (BLM lands): Construction on the new maintenance and storage building continued. Pads continued to be formed on Bay 4, as well as erecting steel frames and bus supports. Crews staged equipment in the northwest corner of the substation.
3. San Luis Rey Substation (non-federal lands): Wiring occurred on the new TBEA Bank 70 and 230 kV transformer.
4. Encina Substation (non-federal lands): Crews were onsite working on scheduled outage preparation and wiring. The contractor was onsite setting two transformers in Bay 10. Engineering drawings were being revised for the new 230 kV transformer containment pit. Framing was being formed for the new 230 kV transformer containment pit until revisions were deemed necessary.
5. Sycamore Substation (non-federal lands): Crews worked on substation upgrades in Bay 26 and wiring gas circuit breakers. The crews were in process of building disconnect stands and bus supports.

#### **Environmental Compliance:**

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. BMPs were maintained and installed before and after the rain event. (Link 3)

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Substation Construction and Upgrade activities. Non-Compliance activities for the project to date are summarized in Table 4.

**Agency Representatives during Construction (Other than CPUC EMs):**

None.

**CONSTRUCTION YARDS AND OTHER WORKSPACES:**

**Summary of Activity:**

Non-Federal Lands:

1. Alpine Construction Yard – Materials staging and weed wash station operations occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Helicopter operations, flying equipment, materials staging, and dust suppression occurred.
4. Barrett Canyon Yard – Grading of the access road, blasting, drilling, grading tower pull sites between EP39 & EP42, and hydromulching occurred.
5. Bartlett-Hauser Yard – Water staging, helicopter operations, and weed wash station operations occurred.
6. Fromm Yard – Tower assembly, water staging, steel erection, dumpster delivery, steel plates picked up and dust suppression occurred.
7. El Monte Yard – Crew staging, equipment and materials staging, helicopter operations, and dust suppression took place in the yard.
8. Helix Yard – Helicopter operations, equipment and materials staging, concrete and crew staging, weed wash station, water staging, and dust suppression occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water and equipment staging, materials and concrete staging, crew staging, dust suppression, and tower assembly occurred.
10. Kreuzkamp Yard – Tower assembly, helicopter operations, weed wash station operations, water staging, and dust suppression occurred.
11. Rough Acres Yard – Helicopter operations, materials staging, tower assembly, water staging, dust suppression and weed wash station usage was conducted.
12. SWAT Yard – Tower assembly, weed wash station operations, concrete staging, water staging, helicopter operations, and dust suppression occurred.
13. S2 Yard – Tower assembly, equipment and wire stringing staging, crew staging, wire stringing staging, water staging, dust suppression, and helicopter operations took place in the yard (see Figure 13).
14. Sycamore Yard – Tower assembly, weed wash station, dust suppression, helicopter operations, steel assembly and water staging (from hydrant) occurred.
15. Wilson Yard – Materials were staged for Suncrest Substation. Helicopter operations, water staging, dust suppression and tower assembly also took place.

Federal Lands (BLM):

16. Dunaway Yard – Awaiting seeding and fence removal in preparation for reclamation.
17. Imperial Valley Yard – Awaiting seeding and removal of gravel water tank pad and fence in preparation for site reclamation.
18. McCain Valley Yard – Tower assembly, helicopter operations, equipment delivery, dust suppression, and water staging occurred in this yard.
19. Plaster City Yard – Helicopter operations, concrete operations, staging for wire stringing, dust suppression, and water staging occurred.

Federal Lands (USFS):

20. Thing Valley Yard – This yard was utilized for staging of work on La Posta Road and rebar delivery.

**Environmental Compliance:**

1. Biological, Cultural, and Native American monitors have worked with crews at the construction yards to define approved work areas and sites to avoid.
2. One flat-tailed horned lizard (*Phrynosoma mcalli*) was relocated from Dunaway Yard. (Link 1)

No Non-Compliance Reports or Project Memorandums were issued during the subject period for Construction Yards and other workspace activities. Non-Compliance activities for the project to date are summarized in Table 4.

**Agency Representatives during Construction (other than CPUC EMs):**

None.

**CPUC NOTICES TO PROCEED (NTPs)**

Table 1 summarizes the CPUC Notice to Proceed activity for the SDG&E Sunrise Powerlink Project to date.

**TABLE 1**  
**CPUC NTPs**  
(Updated 11/18/2011)

NTP#	Date Requested	Date Issued	Segment #	Description
#1	01/04/10	04/28/10	25	San Luis Rey Substation Upgrades
#2	02/08/10	04/29/10	23	South Bay Substation Upgrades
#3	02/26/10	05/20/10	Yard	Alpine Yard 18
#4	01/26/10	05/28/10	Yard	Alpine Yard 18A
#5	02/05/10	09/28/10	Yard	Rough Acres Yard, Phase 1
#6	05/26/10	09/28/10	24	Encina Substation Upgrades
#7	05/28/10	09/28/10	Telecomm	White Star Communication Facility
#8	06/09/10	10/06/10	Substation	Pomerado Substation Upgrades
#9	06/09/10	10/06/10	Substation	Scripps Switchyard/Substation Upgrades
#10	10/13/10	11/23/10	15	Link 4, Alpine 230 kV Underground Construction
#11	10/19/10	12/15/10	13	Link 3, Suncrest Substation/Wilson Construction Yard
#12	11/30/10	12/23/10	Yard	Rough Acres Yard, Phase 2
#13	11/09/10	01/14/11	2-18, 20-22	Links 1, 2, and 5, overhead construction on non-federal lands
BLM #1	01/19/11	02/03/11	1	Imperial Valley Substation upgrades.
BLM #2	03/28/11	04/04/11	2-12, 16-17	Links 1, 2, and 5 overhead construction on BLM Lands.
Miramar	01/20/11	06/28/11	22	Overhead and substation construction.
USFS	07/29/11	08/09/11	6, 7, 10, 12,14,16	Links 1, 2, and 5 overhead construction on USFS Lands.



## VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

Variance and Temporary Extra Workspace (TEWS) requests submitted to date are presented in Tables 2 and 3, respectively.

**TABLE 2**  
**VARIANCE REQUESTS**  
 (Updated 11/18/2011)

Variance Request	Date Requested	Date Issued	Segment #	Description
#1	11/04/10	11/10/10	Yard	Thomas Yard (El Centro, CA)
#2	12/22/10	03/18/11	Yard	Sycamore Estates Construction Yard. Response to inquiry received 02/23.
#3	01/06/10	01/18/11	All	Modification to tree trimming requirements.
#3 MOD	01/25/11	01/26/11	All	Modification to brush clearing requirements.
#4	01/13/11	03/01/11	Yard	Helicopter Temporary Landing Pad area at the Alpine Regional Field Offices.
#5	02/01/11	02/09/11	Yard	Site improvements at the Wilson Construction yard and along Bell Bluff Trail
#6	02/01/11	03/01/11	Link 5	Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.
#7	02/11/11	02/17/11	Link 3	Additional work areas for construction trailers, parking, etc.
#8	03/02/11	03/08/11	Link 2	Alternate access route to Structure EP 27.
#9	03/29/11	04/06/11	All	Perform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.
#10	04/04/11 (revised)	04/14/11	Link 4	Additional construction work space at Viejas Creek Bridge.
#11	04/06/11	04/22/11	Link 1	Additional workspace east of EP215.
#12	04/15/11	04/25/11	Link 1	Additional turnaround along the access road to EP 220-1.
#13	04/13/11	05/06/11	Links 1 & 2	Two fiber optic regeneration sites.
#14	04/28/11	05/03/11	Yards	Change visual screening at Project construction yards from slats to fabric.
#15	05/12/11	05/19/11	Link 2	Alternate access to EP 84.
#16	05/16/11	05/21/11	Link 4	Additional parking space for use during underground construction.
#17	05/18/11	05/24/11	Encina Substation	Driveway improvement.
#18	06/27/11	07/14/11	Link 1	Gate installation between mile markers 38.5 and 39.5.
#18 Mod	10/03/11	Under Review	Link 1	Alternative for installation of Gate #4.
#19	06/27/11	06/29/11	Link 1	Installation of training tower at Rough Acres Construction Yard.

Variance Request	Date Requested	Date Issued	Segment #	Description
#20	06/28/11	08/05/11	Link 5	Additional disturbance for access, pull sites and topsoil stockpile at CP48-2 to CP51-2.
#21	07/07/11	07/15/11	Link 1	Guard structure from EP255 to Imperial Valley Substation.
#22	07/08/11	08/04/11	Link 1	Fromm Construction Yard. Additional information submitted 08/04.
BLM DNA #1	07/19/11	08/05/11	Link 1	Minor modifications to portions of the Project on Bureau of Land Management lands.
#23	08/15/11	10/20/11	Links 1, 2, & 5	Additional landing platforms and TSAPS.
#24	08/25/11	08/29/11	Suncrest Substation	Additional vegetation clearing around construction trailers.
#25	09/01/11	09/09/11	Links 1 & 5	Extended use of approved TEWS areas for parking and staging.
#26	09/15/11	09/20/11	Link 2	Water tank installation at Barrett Canyon Yard.
#27	09/20/11	10/18/11	Link 1	Temporary Staging area near Mountain Springs Grade Rd.
#28	10/19/11	Denied	Link 3	Allow work to continue at Suncrest Substation during a Red Flag Warning (RFW) event.
#29	10/21/11	11/01/11	Links 1, 2, & 5	Additional guard structures identified for wire pulling activities.
#30	11/01/11	11/15/11	Links 1, 2, & 5	Temporary parking and turnaround areas.
#31	11/08/11	Retracted	Links 2 & 5	Request for site specific exemption of Condition 37 of NTP 13.
#32	11/15/11	Under Review	Links 1, 2, & 5	Additional workspace for wire pulling activities.

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 11/18/2011)

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS #1	11/01/10	11/01/10	White Star	Asphalt paved area for vehicle parking and staging
TEWS #2	03/17/11	03/18/11	Link 4	Parking on Puetz Valley and Alpine Blvd
TEWS #3	03/17/11	03/18/11	Link 4	Parking on Harbison Canyon and Alpine Blvd
TEWS #4	03/22/11	03/23/11	Link 5	Storage on One Father Junipero Sierra Trail
TEWS #5	03/24/11	03/24/11	Link 4	Parking at 3900 Willows Rd. West
TEWS #6	03/24/11	03/24/11	Link 4	Parking at 5840 Willows Rd. East
TEWS #7	04/06/11	04/07/11	Link 2	Northern access road to EP 79
TEWS #8	04/14/11	04/14/11	Link 2	Northeast spur of access road to EP 84
TEWS #9	05/17/11	05/24/11	Link 1	Use of SWPL tower sites for parking (EP331-341)
TEWS #10	05/24/11	05/24/11	Link 5	Parking and pullsite adjacent to Alliant University

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS #11	06/16/11	06/16/11	Link 1	Use of alternative access to EP 240, per the request of the landowner at JVR
TEWS #12	06/20/11	06/20/11	Link 1	Use of SWPL tower sites for parking (EP295-299)
TEWS #13	06/30/11	07/01/11	Link 1	Use of SWPL tower site for parking (EP324)
TEWS #14	07/01/11	07/01/11	Link 1	Use of SWPL tower sites for parking (EP300, EP302, EP306, EP307, EP312)
TEWS #15	07/06/11	07/06/11	Link 1	Use of SWPL tower sites for parking (EP294, EP303, EP304, EP305)
TEWS #16	06/30/11	07/07/11	Link 1	Additional parking along Mountain Springs Grade Rd.
TEWS #17	07/11/11	07/12/11	Link 5	Parking near CP20
TEWS #18	07/11/11	07/12/11	Link 5	Parking near CP24
TEWS #19	07/11/11	07/12/11	Link 5	Parking near CP29
TEWS #20	07/18/11	07/19/11	Link 1	Parking near EP314
TEWS #21	07/22/11	07/25/11	Link 1	Parking near EP315
TEWS #22	07/26/11	07/26/11	Link 1	Parking near EP291-293
TEWS #23	08/05/11	08/05/11	Link 1	Parking near EP290
TEWS #24	08/09/11	08/10/11	Link 2	Parking near EP90/EP91
TEWS #25	09/07/11	09/07/11	Link 5	Temporary use of access road near El Monte Rd (12 kV)
TEWS #26	09/13/11	09/13/11	Link 2	Temporary use of access road near Barrett Substation
TEWS #27	09/29/11	09/30/11	Link 1	Parking near EP248.
TEWS #28	09/28/11	10/03/11	Link 1	Parking and Staging area adjacent to EP301.
TEWS #29	09/13/11	09/13/11	Link 2	Placement of Water Tank at Barrett Substation.
TEWS #30	10/06/11	10/06/11	Link 1	Parking and Staging at Chevron Gas Station on Carrizo Gorge Rd.
TEWS #31	11/09/11	11/15/11	Link 5	Temporary material and equipment staging area off of Willows Rd.

## NON-COMPLIANCES & INCIDENTS

CPUC Stop Work Orders, Project Memorandum (PM) and Non-Compliance Reports (NCR), and U.S. Army Corps Non-Compliances (NC) that have been issued to date are presented in Table 4.

**TABLE 4**  
**NON-COMPLIANCES (NC) AND PROJECT MEMORANDA (PM)**  
(Updated 11/18/2011)

Type	Date	Location	Description
PM #1	12/07/10	Thomas Yard	Failure to report unanticipated biological resources within 48 hours.
PM #2	02/11/11	EP 242, Link 1	Unauthorized ground disturbance at EP 242
NC #1	03/08/11	Suncrest Substation	Army Corp of Engineers issued Non-Compliance for not complying with Special Conditions 19, 21 and 23 of DA Permit SPL-2007-00704-SAS.

Type	Date	Location	Description
PM #3	03/15/11	CP 67-3, Link 5	Staking crews operating and delivered by helicopters within Golden Eagle Buffer area.
PM #4	04/06/11	Swat Yard	Unauthorized Nest Removal from a water truck at SWAT Construction yard.
PM #5	05/16/11	EP 340, Link 1	Operation of water trucks outside of approved disturbance areas at EP 340.
PM #6	09/16/11	EP271, Link 1	Construction activities commenced at EP271 prior to the arrival of biological monitor.
Stop Work Order	09/27/11	Helicopter Operations	A pattern of helicopter incidents posed a serious concern for the safety of the general public.
PM #7	09/28/11	AER CY	Construction crew entered AER CY prior to Peninsular Bighorn Sheep monitor clearing the site.
NCR #1	09/28/11	Link 1	CPUC issued NCR for breaching a marked Environmentally Sensitive Area (ESA), construction activity without proper monitor present, and failing to communicate the event in a timely fashion.
FS NCR #1	10/27/11	Links 2 & 5	FS SUP Exhibit 4 and Traffic Control Plan violations.
NCR #2	10/27/11	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
FS NCR #2	11/03/11	Links 2 & 5	Fire Plan and Traffic Control Plan violations.

Other compliance incidents identified by SDG&E monitoring staff and/or crews are presented in Table 5.

**TABLE 5  
PROJECT INCIDENTS  
(Updated 11/18/2011)**

Type	Date	Location	Description
Incident	11/01/10	White Star	Delivery of a rebar cage outside of the approved disturbance area.
Incident	02/17/11	EP 244, Link 1	Nest incorrectly marked at entrance to EP 244.
Incident	02/18/11	Alpine HQ	Emergency weather landing and storage of 3 helicopters at Alpine HQ.
Incident	03/12/11	EP 252, Link 1	Bulldozer was delivered at site prior to CPUC clearance being given.
Incident	03/15/11	EP 214, Link 1	Dewatering approximately 1 gal of groundwater from an excavation hole without having submitted a dewatering plan to the CPUC.
Incident	04/06/11	JVR 12 kV, Link 1	Confusion on approved work areas due to varying maps having been distributed to workers and monitors.
Incident	04/07/11	JVR 12 kV, Link 1	A site was worked on prior to CPUC EM construction release having been received for the area, no resources were damaged.
Incident	05/05/11	Link 4	Three small fires were reported on Link 4 Underground. Fire tools were used by the on-site fire patrol to immediately respond per the Sunrise Fire Plan. Notification to Alpine Fire was made.

Type	Date	Location	Description
Incident	05/17/11	Link 1	BMP crew drove off the road between EP345 and EP346 and park within the ESA boundary.
Incident	06/07/11	Link 1	During the aerial delivery of a structure body to EP339, approximately 200 ft outside of Plaster City Yard, the piece fell from the Aircrane. No injuries have been reported.
Incident	06/10/11	Link 1	During the aerial delivery of a structure layback to EP 339, at the EP 339 construction site, 3 of the 4 hooks released and caused an emergency placement of the steel at the site. While in the process of placing on the ground, the 4 <sup>th</sup> hook released and the tower fell to the ground. No injuries have been reported.
Incident	07/07/11	Link 1	A project water tanker was stuck on the side of Evan Hughes Highway and released approximately 1,000 gallons of potable water into Coyote Wash, after pulling over to evaluate a bridge crossing. All necessary notifications were made.
Incident	07/07/11	Link 5	Construction vehicles, including project fire truck, were noted to be outside of approved disturbance areas at CP40 and CP41. Link leads were notified and immediate corrective action was taken.
Incident	07/11/11	Link 1	A skid fell off the KMax Helicopter while en route to a tower site. The skid was within the Project ROW and no injuries were reported. The item was retrieved on foot.
Incident	07/28/11	Link 1	Unapproved disturbance of approximately 50'x100' occurred during the grading operations of the AER yard. No resources were impacted.
Incident	08/04/11	Link 1	An air compressor was dropped approximately 500 ft north of EP327, from a KMax helicopter while in transit to a micropile site. Approximately 50-60 gallons of diesel was spilled in an area of approximately 75' in diameter. Site has been cleared and appropriate agencies have been contacted.
Incident	08/05/11	Link 3	Small fire resulted from excavation activities along BBTT. Burned an area approximately 50'x50' prior to it being extinguished. Notifications were made immediately.
Incident	08/13/11	Link 2	Accident along Lyons Valley Rd, where a project truck went off the embankment by 300'. No injuries reported. Assessment team was sent to the site and notifications were made.
Incident	08/15/11	Link 2	Sparks caused by loose chain from a project vehicle interacting with the roadway started a 2-acre fire. The fire was extinguished and proper notifications were made.
Incident	08/18/11	Link 2	An unsteady load caused a forklift to fall to its side at EP 91. A small spill of hydraulic fluid took place, all disturbance was contained within the established work area, and no injuries were reported.
Incident	08/22/11	Link 1	Crew member threw a rock and knocked down a rock cairn located within an ESA. Appropriate agencies were notified.
Incident	09/08/11	Link 2	CPUC EM noted a water truck entering EP91 after not having stopped at designated wash station. Corrective action was taken.

Type	Date	Location	Description
Incident	09/12/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.
Incident	09/13/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.
Incident	09/15/11	Link 5	Micropile platform at CP67-3 rolled 50' downhill after unstable placement. A helicopter removed from site to limit damage. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/19/11	Link 2	Small fire near EP42 started due to excavator hitting a rock during grading operations. This was immediately put out by onsite personnel using their required fire supplies.
Incident	09/19/11	Link 2	2 Micropile pipes were dropped during helicopter operations near CP107 and rolled down hill to injure a worker trying to stop them. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/20/11	Link 1	Trackout from EP252 was noted to Link Lead and was immediately remedied.
Incident	09/20/11	Link 1	Project vehicles were noted to parking outside of the approved project disturbance. Link Lead was notified and vehicles were immediately relocated.
Incident	09/21/11	Link 1	Dozer operator drove approximately 260 ft off of ROW near EP322. Area was surveyed Cultural and Biological monitor.
Incident	09/21/11	Link 3	Approximately 800 gallons of potable water was released from Northern Sediment basin. Appropriate agencies were notified.
Incident	09/22/11	Link 3	Plywood load from helicopter dropped within substation boundaries. No injuries were reported.
Incident	09/23/11	Link 1	Improperly covered foundations holes were noted to the Link Lead. Follow up was performed with crews.
Incident	09/26/11	Link 1	Straw wattles en route via helicopter dropped into open area. No injuries were reported.
Incident	10/12/11	Link 1	A drill rig pulled to the side of the access road near EP185/EP186 and inadvertently crushed vegetation.
Incident	10/12/11	Link 4	Approximately 50 gallons of diesel fuel was released immediately off of Puetz Valley Rd. Site was cleaned and stained soils removed. Appropriate agencies were contacted.
Incident	10/19/11	Link 1	A door fell off a helicopter near Plaster City Yard close to EP332. No injuries were reported.
Incident	11/03/11	Link 1	Injury occurred when a tower leg fell onsite. Events surrounding the incident are still undergoing investigation. Disturbance occurred outside of approved areas. Biological/cultural monitors reviewed and found no resources to be damaged.
Incident	11/05/11	Link 5	Sediment off ROW at CP55/56 access road.
Incident	11/09/11	Link 2	Landing of project helicopter on unapproved disturbance areas.
Incident	11/15/11	Link 5	Off ROW incident along access road to CP65/66 pull site.
Incident	11/16/11	Link 1	Off ROW incident along access road to EP 226/227 pull site.

Type	Date	Location	Description
Incident	11/17/11	Link 5	SWPPP violation exceeding 72 hr mark at CP70.

## CONSTRUCTION PROGRESS

Table 6 provides a summary of construction progress through the end of the subject reporting period, with the exception of towers released for construction which reflects towers released to date.

**TABLE 6  
CONSTRUCTION PROGRESS**

Agency	Total Towers	Released for Construction thru 11/17/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	85	42	11
Bureau of Land Management	180	180	115	80	45
US Forest Service	75	75	14	0	0
Miramar	12	12	3	3	0
Total	436	436	217	125	56

**PROJECT PHOTOGRAPHS**



**Figure 1:** Conventional foundation crews working during rain event at EP198. (Link 1)





**Figure 2:** Tower assembly activities at EP280.  
(Link 1)



**Figure 3:** Grading of EP89 pull site. (Link 2)



**Figure 4:** BMP truck making ruts attempting to go uphill on access road to EP105. (Link 2)



**Figure 5:** Grading and watering at EP126. (Link 2)



**Figure 6:** Grading along upper portions of La Posta Road during a rain event. (Link 2)



**Figure 7:** Culvert installation at La Posta Road. (Link 2)





**Figure 8:** EP141 pull site in foreground; concrete being poured at EP141.  
(Link 2)



**Figure 9:** Grading at CP31-2 pull site. (Link 5)



**Figure 10:** Micropile cap work at CP67-3. (Link 5)



**Figure 11:** Temporary bridge being set over water line at CP70-3 access road. (Link 5)





**Figure 12:** Setting concrete blocks for control shelter. (Link 3)



**Figure 13:** Aerial view of S-2 Yard. (Link 1)