



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-4316
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

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

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: November 10, 2011
Subject: Weekly Report 57 – October 16 to October 22, 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 Brit O'Brian.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing at Towers EP183, EP199-3, and EP219-1 pull sites.
- Access road construction was conducted at EP181-N to EP185-1-N and EP184-1-N.
- Grading was conducted at EP 215-PS-N and EP219-1-PS-N.
- Tree Trimming occurred at EP210 and EP217.
- Driveway installation occurred at EP252-1-N and EP254-3-E-A.
- Micropile drilling occurred at EP261-2, EP261A, and EP262-4.
- Micropile grouting occurred at EP259-3, EP259B, EP261-2, and EP261A.
- Micropile trimming occurred at EP259-3, EP259B, and EP261-2.
- Conventional drilling was conducted at EP199-3 and EP207.
- Various foundation work (including capping, curing, cage installation, grounding, etc.) was conducted at EP207.
- Concrete was poured at EP207.
- Tower assembly was conducted at EP213 and EP240.
- Perch deterrents were installed at EP296.
- QA/QC was conducted at EP214, EP256, and EP257.
- Optical ground wire (OPGW) was sagged and clipped in from EP358 to EP359.
- Traveler work occurred from EP207 to EP215.



- Insulator work occurred at/between EP207 to EP215.
- Marker balls installed between EP295 and EP296.

BLM Lands:

- Vegetation was cleared at EP173, EP179, EP180, EP181, EP188-1, EP188-1 TSAP, EP189-3, EP191-2, EP192-2, EP193-2, EP197-3, EP198-3, EP200-3, and EP200A-1.
- Boulder removal at EP144, EP145, EP182, and EP265-2.
- Access road construction was conducted at EP171-N, EP172-E, EP173-1-N, and EP181-N to EP185-1-N.
- Grading took place at EP177-N to EP190-2-E, and along the SWPL access road from EP313 to EP322.
- Tree trimming occurred at EP198.
- Driveway installation at EP247-E, EP250-E, EP251-N, EP300-1-N (repair), and EP302-1-N (repair).
- Rumble plates were installed at EP299-N, EP300-1-N, EP301-N, EP302-1, EP303-2-N, and EP304-2-N.
- Micropile drilling occurred at EP263A-2, EP263B-2, EP264-4, EP265-2, EP266-2, EP267-2, EP270-2, and EP281 (see Figures 1 and 2).
- Micropile grouting occurred at EP263A, EP264-4, EP266-2, EP267-2, EP270-2, EP271-2, and EP281.
- Micropile proof testing occurred at EP270-2 and EP275-1.
- Micropile cap work was conducted at EP269-1, EP272-3, EP274-1, EP279-1, EP305-3, and EP315 (repair).
- Conventional drilling occurred at EP179, EP180, EP197-3, EP19803, EP202-3, and EP203-3.
- Various foundation work (including capping, curing, cage installation, grounding, etc.) was conducted at EP179, EP180, EP190-2, EP197-3, EP198, EP203-3, and EP250.
- Concrete was poured at EP178, EP179, EP190-2, EP197-3, EP198-3, and EP203-3.
- Form removal and cleanup at EP190, EP198, EP250, and EP305.
- Tower assembly took place at EP200A-1, EP201-3, EP204-3, EP205-2, EP206-1, EP255-2, EP256, EP257, EP290, EP291, EP301, EP302, EP303-2, EP304-2, EP305-3, EP306-1, EP307-1, EP310, EP311, EP312, EP313, EP314, EP315-1, EP316, EP317, EP321, EP322, and EP356.
- Perch deterrents were installed from EP291 to EP301, EP304, and EP356.
- QA/QC occurred at EP201, EP206-1, EP290, EP304-2, EP306-1, EP307-1, EP314, EP315, and EP317.
- Ground rod installation at EP290, EP303-2, EP305-3, EP310, EP311-1, EP312, and EP317.
- Ground resistance testing at EP315-1.
- Optical ground wire (OPGW) was sagged and clipped in from EP355 to EP363-1.
- Conductor was clipped in at EP353 and EP354.
- Traveler work occurred from EP201 to EP206 and from EP314 to EP322-1.
- Travelers removed from EP313 to EP322.
- Fiber training (preparing OPGW for splicing) occurred at EP291-1, EP294, EP297, EP298, EP301, EP355, and EP363.
- Snubs installed at EP314-PS-N.
- Spacers installed from EP347 to EP363.

- Insulator work occurred at/between EP205-2 to EP206, EP292-1, EP294, EP297, EP298, EP319, and EP354.
- Marker balls installed between EP295 and EP296 and between EP354 and EP355.
- Reflectors installed at EP356.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at EP65-1 and EP66.
- Concrete pouring occurred at EP93.
- Installation of arroyo toad fencing occurred at EP66.
- Tower assembly occurred at EP91.

BLM Lands:

- Access road construction occurred, including gate installation, at EP39-1-N-B and EP42-N (see Figures 3, 4, and 5).
- Vegetation clearing occurred at EP49 and EP49-N.
- Grading occurred at EP42 pull site and EP47-2 pull site.
- Micropile trimming occurred at EP43-1, EP44, EP45-1, and EP47-2.
- Pilot holes were drilled for blasting at EP42.
- Grouting occurred at EP43-1, EP44, EP45-1, and EP47-2.

US Forest Service Lands:

- During this reporting period, the PAL Levels were as follows: Monday: EV, Tuesday thru Friday: D, and Saturday: E. Work activities ended each day in accordance with the Fire Plan and approved EV letter as appropriate.
- Access road construction occurred at La Posta Road from pavement to EP141 (see Figures 6 and 7)
- Vegetation clearing occurred at EP132-2, EP135, EP136, EP137, and EP139-1.
- Conventional drilling occurred at EP130-1 and EP131.
- Various micropile work (capping, pile surveys, site benching, trimming, etc.) occurred at EP132 2, EP134-1, EP135, EP136, EP137, EP138-2, EP139-1, and EP140 (see Figure 8).
- Test drilling occurred at EP125, EP126-1, EP127, and EP130-1.
- Gate installation occurred at EP125, EP126-1, EP130-1, and EP131.

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

- Revitalization occurred near South Grade Road.
- Trenching took place near V1L to Caltrans receiving pit, Viejas Creek Bridge, V1R to riser pole, and the Slay Property.
- Pre-drilling/drilling occurred at Viejas Creek Bridge and Alpine Creek Bore Site.
- Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V3L, V4L, V10L, V11L, V13L, V13R, and V14R.
- Proofing occurred from V1R to V2R, V18L to V19L, and V9R to V10R.
- Milling and setting plates occurred at Alpine Creek Bridge.
- Cable pulling occurred from V19R to V20R and V19L to V20L.
- Paving occurred at Loritz Property and V18L to V19L.
- Grading occurred at Slay Property.

- Forming occurred at Viejas Creek Bridge.
- Hydro-Seeding occurred at Loritz Property and Bauer Property.
- Mailboxes were reset at Loritz Property.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation removal occurred at CP55/CP56-1 pull site and CP56-1-E-A.
- Grading was conducted at CP48-2/CP49-1 pull site and CP55/CP56-1 pull site.
- Access road construction took place at CP49-1-PS-E, CP49-1-PS-N, CP56-1-E-A, CP64-2-E, and CP65-1-PS-N.
- Dexpan boulder breaking occurred at CP53-1, CP54-1, and CP70-3.
- Conventional drilling was conducted at CP70-3.
- Micropile drilling took place at CP109-1 (see Figure 9).
- Micropile test pulls occurred at CP106-1, CP107, and CP108.
- Various micropile work (including capping, pile surveys, site benching, etc.) was conducted at CP71, CP72-2, CP73-2, CP74-2, CP75-1, and CP107.
- Micropile grouting took place at CP106-1 and CP107.
- Site cleanup occurred at CP75-1.
- Tower assembly was conducted at CP18, CP19, CP20, CP21, CP73-2, and CP75-1.

BLM Lands, 220 kV Overhead Transmission Line:

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

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 thru Friday: D, and Saturday: E. Work activities ended each day in accordance with the Fire Plan.
- Vegetation removal occurred at CP99-2 and CP100-1.
- Access road construction was conducted at CP69-2-E-A, CP69-2-N, and CP100-1-N.
- Dexpan boulder breaking took place at CP104-1 and CP105-1.
- Grading occurred at CP69-2.
- Conventional drilling was conducted at CP69-2, CP99-2, and CP100-1.
- Micropile drilling took place at CP101-1 and CP104-1.
- Micropile grouting occurred at CP103-1 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 from EP183 to EP185-1, EP182-N to EP185-1-N, Rough Acres Yard to EP242, and at EP255-2 pull site.
- Maintained from EP207 to EP220-1, EP242 to EP245-1, and EP252 to EP258-3.
- Hydromulching at EP245-1 and EP255-2 pull site.

BLM Lands:

- Installed from EP179 to EP182, EP182-N to EP185-1-N, and EP189-3.
- Maintained from EP246 to EP251.
- Hydromulching at EP187-2-N.

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

Non-Federal Lands:

- EP65-1 and EP66.

US Forest Service Lands:

- EP132-2, EP135, EP137, and La Posta Road from pavement to EP141.
- Hydromulching was installed along La Posta Road (see Figure 10).

BLM Lands:

- EP47 pull site.

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

- BMPs were maintained as needed along Alpine Boulevard and on the Loritz, Bauer, and Slay properties.
- Street sweeping occurred along Alpine Boulevard.

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 CP49-1-PS-N, CP49-1-PS-E, CP55/CP56-1 pull site, CP56-1-E-A, CP75-1, CP78-2, CP79-1, CP81-1, CP82-1, CP84, and CP98-1 access road.
- Hydromulching was conducted at CP49-1-PS-E, CP49-1-PS-N, CP98-N-A, CP98-N-B, and CP99-N (see Figure 11).

BLM Lands:

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

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:

- BMP installation occurred at CP100-1-N.
- Hydromulching occurred at CP100-1-N.

6. One California legless lizard (*Anniella pulchra*) was found dead at EP140. Three two-striped garter snakes (*Thamnophis hammondi*) were relocated from Potrero Valley. Two California legless lizards was relocated; one from EP140 and one from EP141. (Link 2)
7. On Thursday, October 20, 2011, less than 4 ounces of diesel fuel and less than 2 ounces of hydraulic oil were discovered at the jack and bore site south of Interstate 8. The materials were cleaned up by removing the impacted soil with shovels and hauling the materials to the hazardous waste storage area managed by PAR. The spills were reported to Jeff O'Connel (Caltrans) on the same day. Additionally, less than 4 ounces of hydraulic fluid reached the asphalt on Alpine Boulevard at the Alpine Creek Bore Pit. The incident was the result of a failed hydraulic hose on a back hoe. The material was cleaned up with absorbent pads and powder and removed to the PAR hazardous waste storage area. The County of San Diego will be notified of this spill at the end of the month. (Link 4)
8. One coast horned lizard (*Phrynosoma blainvillii*) was relocated from CP108 to a more suitable location 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): Grading continued on the substation pad and along Bell Bluff Truck Trail (BBTT). Rock was crushed for select fill material. Piers were drilled for foundations, pads were formed and concrete was poured. Vaults were excavated and trenching between vaults for underground utilities along BBTT occurred. Stain was applied to the soil nail wall in compliance with the visual treatment plan (see Figure 12). Concrete panels were erected and welded for the permanent water tank (see Figure 13). The water tank foundation was sand blasted. Trenching occurred for the conduit and ground grid in the northwest quadrant. Concrete was placed in the southern sediment basin.
2. Imperial Valley Substation Upgrade (BLM lands): Construction on the new maintenance and storage building continued. Trenching continued in southeastern portion of substation for new warehouse conduit installation.
3. San Luis Rey Substation (non-federal lands): SDG&E wiring and relay crews worked inside the control house.
4. Encina Substation (non-federal lands): The contractor wired in panel boxes. Trenching continued in the northwest portion of the substation. Cement walls were drilled and security upgrades occurred. SDG&E crews worked on electric panels, potential transformers, and in and around the control house.
5. Sycamore Substation (non-federal lands): SDG&E Kearny Mesa crews worked on substation upgrades in Bays 21 and 26. The crews installed switch stands, disconnect stands, and wired gas circuit breakers.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. Hydromulch and seed mixture was sprayed on the slope adjacent to the northern sediment basin. (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, materials staging, and dust suppression occurred.
4. Barrett Canyon Yard – Grading, boulder busting, and drilling in preparation for blasting occurred.
5. Bartlett-Hauser Yard – Water staging, helicopter operations, dust suppression, moving materials, and weed wash station operations occurred.
6. Fromm Yard – Tower assembly, water staging, and dust suppression occurred.
7. El Monte Yard – Tower assembly, water staging, and dust suppression took place.
8. Helix Yard – Helicopter operations, tower assembly, concrete staging, weed wash station operations, water staging and dust suppression occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, and tower assembly occurred.
10. Kreuzkamp Yard – Tower assembly, weed wash station, water staging, dust suppression, and steel delivery 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, wire stringing staging, water staging, dust suppression, and helicopter operations occurred.
14. Sycamore Yard – Tower assembly, weed wash station operations, and water staging (from hydrant) occurred (see Figure 14).
15. Wilson Yard – Materials were staged for Suncrest Substation. Helicopter operations, water staging, and tower assembly also took place.

Federal Lands (BLM):

16. Dunaway Yard – No activity (yard essentially closed).
17. Imperial Valley Yard – No activity (yard essentially closed).
18. McCain Valley Yard – Tower assembly, helicopter operations, water staging, and dust suppression occurred.
19. Plaster City Yard – Helicopter operations, concrete operations, staging for wire stringing, water staging, and dust suppression occurred.

Federal Lands (USFS):

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

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.

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 11/10/2011)

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 11/10/2011)

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.
#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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#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	Under Review	Link 3	Allow work to continue at Suncrest Substation during a Red Flag Warning (RFW) event.
#29	10/21/11	11/01/11	Link 1, 2, & 5	Additional guard structures identified for wire pulling activities.
#30	11/01/11	Under Review	Link 1, 2, & 5	Additional parking and turnaround areas.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 11/10/2011)

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 #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 Request	Date Requested	Date Approved	Segment #	Description
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.

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 11/10/2011)

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.
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.

Type	Date	Location	Description
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 11/10/2011)

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.
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 th hook released and the tower fell to the ground. No injuries have been reported.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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.

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 11/07/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	168	75	36	7
Bureau of Land Management	180	179	90	61	45
US Forest Service	75	67	0	0	0
Miramar	12	12	1	1	0
Total	436	426	166	98	52

PROJECT PHOTOGRAPHS



Figure 1: Micropile drilling at EP267-2. ([Link 1](#))



Figure 2: Micropile drilling at EP267-2. ([Link 1](#))



Figure 3: Spraying vegetation and rocks during access road construction to Barrett Construction Yard. (Link 2)



Figure 4: Access road to Barrett Construction Yard. (Link 2)



Figure 5: Welding fence along access road to Barrett Construction Yard. (Link 2)



Figure 6: EP141 pull site with BMPs in background. (Link 2)



Figure 7: Installation of culvert just north of EP129 on La Posta Road. (Link 2)



Figure 8: Micropile drilling operations from EP132 through EP137. (Link 2)



Figure 9: Micropile work at CP109. (Link 5)



Figure 10: Hydromulching with green indicator ink along La Posta Road. (Link 2)



Figure 11: Hydromulching along access road to CP100-1. (Link 5)



Figure 12: Acid wash application to soil nail wall. (Link 3)



Figure 13: Water tank foundation near trailers at Suncrest Substation. (Link 3)



Figure 14: Tower assembly at Sycamore Yard. (Link 5)