



30423 Canwood Street, Suite 215, 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: September 1, 2011
Subject: Weekly Report 48 – August 14 to August 20, 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 and Valerie Yep

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Conventional preparation, drilling and pouring occurred at Tower EP329-1.
- Tower assembly occurred at EP219.

BLM Lands:

- Grading occurred at:
 - Tower sites EP256, EP257, EP258-3, EP259-3 TSAP, EP259B, EP259B TSAP, EP261A TSAP, EP265-2, EP266-2 TSAP, EP269/270 pull site, EP272-3, and EP355/356 pull site.
 - New spur roads associated with tower sites at EP257, EP258 to the Fromm Yard, and EP293.
 - Maintenance on existing road (McCain Valley Road) from Rough Acres Yard to McCain Valley Yard, at the dip section near EP326, and along the Southwest Powerlink (SWPL) access road from EP331 to EP341.
- Vegetation and boulder clearing were conducted at EP261A TSAP, EP262-4, EP265-2, EP266-2, EP267-2, EP269, EP271, EP272-3, EP273-1, EP274-1, EP276-1, EP277, and EP279-1.
- Equipment was mobilized to EP271-2 and EP274-1.
- Soil boring took place at EP255-2 and EP257.
- Fault trenching occurred at EP257.
- Conventional drilling was conducted at EP290, EP291-1, and EP249.
- Micropile drilling took place at EP259B, EP272-3, EP273-1, EP279-1, EP280-2, EP281, and EP312 (see Figures 1 and 2).



- Micropile grouting occurred at EP279-1, EP305-3, EP312, and EP317.
- Micropile proof testing was conducted at EP310 and EP312.
- Micropile cap preparation took place at EP305-3, EP311-1, EP314, EP315-1, and EP317.
- Various foundation work including capping, curing, cage installation, etc., occurred at EP239-1, EP290, EP291-1, EP293, EP294, EP310, EP326, EP349, EP258, EP360, EP361, EP362-1, and EP363-1.
- Concrete pouring was conducted at EP293, EP294, and EP249.
- Form removal and cleanup took place at EP293, EP325-2, EP326, and EP349.
- Steel was delivered to EP294 and EP352.
- Tower assembly occurred at EP296, from EP298 through EP302-1, EP306, EP307-1, EP308, EP309, EP323-1, EP324, EP326, EP329, and from EP341 through EP349.
- Ground resistance testing was conducted at EP342, EP346, EP347, EP349, and from EP358 through EP363-1.
- Guard structures were erected at EP341 and EP342.
- Wire netting was installed over Interstate 8 for traffic protection during wire-pulling operations.
- Guard structures were removed at BLM-8/GS-NF-43 and from Evan Hewes Highway between EP330 and EP331.
- Snubs were tested at EP348/349 pull site.
- Conductor wire was delivered to the EP338/339 pull site.
- Optical ground wire (OPGW) work (including pulling, sagging, clipping in, and dead end work) took place from EP330 to EP339.
- OPGW was pulled to EP340.
- Line spacers were installed from EP334 to EP337.
- Travelers were placed between EP342 and EP349 as well as from EP347 and EP348.
- Marker balls were installed from EP330 to EP331.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Grading occurred from Lake Moreno Drive to Bartlett/Hauser Yard.
- Soil boring occurred at EP1-3.
- Conventional foundation work and concrete pouring occurred at EP90-1 and EP91.
- Preparation for micropile capping occurred at EP84.
- Form removal and cleanup occurred at EP89-1, EP91, and EP92.

BLM Lands:

- Vegetation removal and site setup occurred at the EP42 pull site.
- Equipment was moved from EP40 and from EP43 to EP47.

US Forest Service Lands:

- Limited activities were performed on USFS land due to consistent PAL levels of EV and work was completed by 1:00 pm each day.
- Soil boring occurred at EP113-5.
- Vegetation removal/site setup occurred at the EP124/125 pull site (see Figure 3) and access road to EP127 (see Figure 4).

3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):
 - Potholing/Redevelopment/Revitalization occurred at Alpine Boulevard (Alpine Elementary School), Loritz Property, and V10L to V11L.
 - Trenching occurred from V7R to V8R, V11R to V12R, V10L to V11L, V18R to V20R, and V19L to a Riser Pole.
 - Pouring of encasement occurred from V18R to V19R and V19L to Riser Pole.
 - Pre-racking manholes for jointing/splicing occurred at V5R to V6R, V6L, V9L, V10L, V14L, V15L, and V17L.
 - Proofing occurred from V12R to V15R.
 - Milling and setting plates occurred near V10L to V11L.
 - Paving (including preparation) occurred near V7R to V8R, V9R to V10R, V10L to V11L, and V11R to V12R.
 - Cable pulling (and cable testing) occurred from V16R to V18R.
 - Risers were installed at the Loritz Property.
 - Grading occurred at the Slay Property.
 - A temporary bridge was installed at Bauer Bridge.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation removal and site preparation occurred at CP57, CP70-3, and CP70-3 spur.
- Micropile drilling occurred at CP21 and CP23.
- Ultimate testing occurred at CP23.
- Grouting occurred at CP21 and CP23.
- Steel erection occurred at CP1A, CP1B, CP25-2, and CP26.

BLM Lands, 220 kV Overhead Transmission Line:

- Vegetation removal and site preparation occurred at CP62A, CP62A TSAP, CP66-2, CP66-2 TSAP, CP67-3, CP67-3 TSAP, CP68-1, and CP68-1 TSAP.
- Grading occurred at CP62A TSAP, CP66-2, CP67-3, and CP68-1 TSAP.

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

- Steel erection occurred at CP2-1.

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

- No work occurred on the 69 kV line during this reporting period.

US Forest Service Land:

- No work occurred on USFS land during this reporting period.

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:

- Tower sites: EP227 and EP232 and along the 12 kV line in Jacumba.

BLM Lands:

- Tower sites: EP255-2, EP256, EP259-3, EP261A, EP261A TSAP, EP267-2, EP270-2, EP274-1, EP278-1, from EP390 through EP303-2, , EP301 pull site, EP307, EP311, EP313/314 pull site, EP317, EP322/323 pull site, EP323, EP324, guard structures at EP341 and EP342, EP343/344 pull site, and from EP357 through EP363.
- Access roads to EP258 and EP301 pull site.

3. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 2 (non-federal lands only):

Non-Federal Lands:

- BMPs were maintained at EP79, EP84, EP85 to EP87-1, EP92, and EP93.

United States Forest Service Lands:

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

BLM Lands:

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

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

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

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

Non-Federal Lands:

- BMPs were installed at CP62 TSAP and CP70-3.
- BMPs were maintained at CP17, CP19, CP20, CP22, CP24, CP25-2, CP26, CP29-1, CP40-2, CP41-2, CP42-1, CP87-1, CP88-1, CP95-1, CP96-1, and CP95/96 pull site.

Bureau of Land Management Lands:

- BMPs were installed at CP62A, CP66-2, and CP66-2 TSAP.

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.

United States Forest Service Lands:

- BMPs were installed at CP103, CP104, and CP105.

6. One barn owl (*Tyto alba*) was found dead at the EP269/270 pull site. (Link 1)

7. Two flat-tailed horned lizards (*Phrynosoma mcallii*) were found dead. One on the SWPL access road near EP353 and one on the access road into the Imperial Valley Substation. Four flat-tailed horned lizards (*Phrynosoma mcallii*) were relocated to a more suitable habitat away from construction activities. They were relocated from EP347, EP355/356 pull site, the access road between EP346 and EP347, and the entrance to EP338/339 pull site. (Link 1)

8. Daily barefoot-banded gecko sweeps were made by a qualified biologist where work occurred in the species' habitat. (Link 1)

9. Barefoot-banded gecko exclusionary fencing was installed at EP266-2 TSAP (see Figure 5). (Link 1)
10. Cactus salvage took place at EP293. (Link 1)
11. Arroyo toad fencing was installed from EP52 to EP53. (Link 2)
12. At EP91, a subcontractor was operating a forklift when the slope and load caused the forklift to tip over sideways. The operator was not injured. Approximately 1 pint of hydraulic fluid was released, immediately contained, and cleaned up as a result of the forklift tipping over. CalFire was in the area responding to a non-Project related vehicle fire on Cameron Truck Trail, near EP99, and responded to the scene. Once they were assured there was no fire or emergency response needed, they left the scene. (Link 2)
13. One red diamondback rattlesnake (*Crotalus ruber*) was discovered within the temporary workspace at CP23 and was relocated out of the construction area and into suitable habitat. (Link 5)
14. 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):

None.

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity:

1. Suncrest Substation, Link 3 (non-federal lands): Rough grading was conducted on the substation pad and along Bell Bluff Truck Trail (BBTT). Rough grading occurred along the paved portion of BBTT to accommodate the delivery of transformers the following week. Rock crushing was conducted for select fill material. Rock and soil was hauled from the northern portion of the pad to the southern portion of the pad. Piers were drilled for foundations. Pads were formed for foundations and concrete pouring. Vaults were excavated and trenching took place between the vaults for underground utilities along BBTT. Vegetation clearing and grading occurred near the guard shack at the entrance to the substation site. Pipe was installed along BBTT for the permanent drainage system. Drilling and blasting took place on the western and eastern portions of the pad. Soil boring was conducted at EP-1 on the south side of the substation pad.
2. Imperial Valley Substation Upgrade (BLM lands): Wiring crews worked in the control room. Work on the storage warehouse began; trenching and excavating for the building footprint was completed. Tower assembly continued within the substation.
3. San Luis Rey Substation (non-federal lands): Wiring in the control house and Bank 70 continued. Crews also worked on terminating newly pulled cable. Underground work is completed.
4. Encina Substation (non-federal lands): Excavation around pads was conducted for wire pull boxes conduit trenches, and transformer pads between Bays 1 and 11. Excess fill dirt was hauled off site. Conduit installation, grounding, and work on the AC rack occurred. Bus disconnects have been completed. Dead end piers were drilled near the new control house. Crews worked in the wiring control room.
5. Sycamore Substation (non-federal lands): Crews worked below grade, formed, finished concrete pads, backfilled, and compacted soil. Excess dirt was hauled off site. Transmission poles were erected and installed.
6. Scripps Ranch Substation (non-federal lands): Crews started work on the remaining bus and disconnect.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. One pallid San Diego pocket mouse (*Chaetodipus fallax pallidus*) was relocated from Suncrest Substation to a suitable habitat away from construction activities. (Link 3)
3. Wattle maintenance and installation took place on finished slopes at Suncrest Substation. (Link 3)
4. A truck delivering an auger for the foundation contractor at Suncrest Substation sparked a fire on Highway 79, approximately 1/8 mile north of BBTT on the west side of the road. The chain holding the auger on the truck snapped and threw some sparks igniting a vegetation fire. The fire was extinguished in approximately 10-15 minutes after ignition and burned an estimated 2 acres. (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 steel deliveries occurred.
2. Alpine Headquarters – Helicopters dropped off personnel.
3. AER Yard – Helicopter pad construction and steel deliveries took place (see Figure 6).
4. Bartlett-Hauser Yard – Helicopter operations and tower assembly occurred.
5. Fromm Yard – Vegetation clearing, cholla salvage and fence installation occurred.
6. El Monte Yard – Tower assembly occurred.
7. Helix Yard – Helicopter operations and staging for foundation work occurred (see Figure 7).
8. Jacumba Valley Ranch (JVR) Yard – Helicopter operations occurred in the yard.
9. Kreuzkamp Yard – Tower leg assembly occurred.
10. Rough Acres Yard – Helicopter operations, tower assembly, and materials staging took place.
11. SWAT Yard – Tower assembly and material deliveries occurred.
12. S2 Yard – Tower assembly, steel deliveries, and helicopter operations occurred.
13. Sycamore Yard – Brush clearing, grading, helicopter operations, and foundation work staging occurred (see Figure 8).
14. Thomas Yard – Materials staging and steel deliveries were made.
15. Wilson Yard – Materials staging for Suncrest Substation and water deliveries to the water storage pond were made.

Federal Lands (BLM):

16. Dunaway Yard – Used as a water supply for dust control and steel deliveries were made.
17. Imperial Valley Yard – Used as a water supply for surrounding work areas and access roads only.
18. McCain Valley Yard – Vegetation clearing for access road into the yard took place.
19. Plaster City Yard – Helicopter activities, foundation work staging, wire deliveries, and wire stringing operations were conducted. The yard was also used as a water supply for dust control in the surrounding area.

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. Three coast horned lizards (*Phrynosoma blainvillii*) were relocated from the McCain Valley yard to a more suitable habitat away from construction. (Link 1)
3. One Coronado Island skink (*Plestiodon skiltonianus interparietalis*) was relocated from the McCain Valley Yard to a more suitable habitat away from construction activities. (Link 1)
4. BMP maintenance was conducted at Rough Acres Yard. (Link 1)
5. Weed wash stations are being used to prevent the spread of invasive species as designated in the project’s weed control plan. (Links 2&5)

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 09/01/2011)

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 09/01/2011)

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	6/27/11	07/14/11	Link 1	Gate installation between mile markers 38.5 and 39.5.
#19	6/27/11	06/29/11	Link 1	Installation of training tower at Rough Acres Construction Yard.
#20	6/28/11	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	Under Review	Links 1, 2, & 5	Additional landing platforms and TSAPS.
#24	08/25/11	Under Review	Suncrest Substation	Additional vegetation clearing around construction trailers.
#25	09/01/11	Under Review	Links 1 & 5	Extended use of approved TEWS areas for parking and staging.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 09/01/2011)

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 pull site 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 #16	07/11/11	07/12/11	Link 5	Parking near CP20
TEWS #17	07/11/11	07/12/11	Link 5	Parking near CP24
TEWS #18	07/11/11	07/12/11	Link 5	Parking near CP29
TEWS #19	07/18/11	07/19/11	Link 1	Parking near EP314
TEWS #20	07/22/11	07/25/11	Link 1	Parking near EP315
TEWS #21	08/05/11	08/05/11	Link 1	Parking near EP290
TEWS #22	08/09/11	08/10/11	Link 2	Parking near EP90/EP91

NON-COMPLIANCES & INCIDENTS

CPUC Project Memorandum (PM) and Non-Compliance Reports (NCR), and 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 09/01/2011)

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 NC 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.

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

TABLE 5
PROJECT INCIDENTS
 (Updated 09/01/2011)

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.

Type	Date	Location	Description
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.
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.

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 08/31/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	168	142	57	21	0
Bureau of Land Management	180	116	60	43	9
US Forest Service	76	51	0	0	0
Miramar	12	12	1	1	0
Total	436	321	118	65	9

PROJECT PHOTOGRAPHS



Figure 1: Micropile drilling at EP259B. (Link 1)



Figure 2: Micropile drilling at EP279-1. (Link 1)



Figure 3: Brush clearing at EP125 pull site. (Link 2)



Figure 4: Brush clearing with watering on USFS lands. (Link 2)



Figure 5: Example of gecko exclusionary fencing (installed at EP280-2). (Link 1)



Figure 6: Helicopter landing area at AER Yard. (Link 1)



Figure 7: Skycrane kicking up dust while landing at Helix Construction Yard. (Link 5)



Figure 8: Brush clearing at Sycamore Construction Yard. (Link 5)