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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:** August 17, 2011  
**Subject:** Weekly Report 46 – July 31 to August 6, 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:

- Caisson installation, welding, and demobilization occurred at Tower EP239.
- Welding and cleanup was conducted at EP240.

BLM Lands:

- Grading occurred at:
  - Tower sites EP269 PS (see Figure 1), EP270-2, EP275-1 TSAP, EP279-1 TSAP, EP29101, EP292, EP304, EP306/307 PS, EP325-2, EP326, EP338/339 PS, and EP343/344 PS.
  - New spur roads associated with tower sites EP325-2 and EP343/344 PS.
  - Existing roads from EP258 to the AER Yard and EP326.
- Vegetation clearing was conducted at EP270-2, EP277-1, EP278-1, EP280-2, and EP281.
- Blasting took place at EP279-1 TSAP.
- Conventional drilling occurred at EP294, EP303-2, EP346, and EP347.
- Micropile preparation was conducted at EP281.
- Micropile drilling took place at EP305-3, EP310, EP315-1, and EP317.
- Micropile grouting occurred at EP312, and EP314.
- Micropile proof testing was conducted at EP310 and EP311-1.
- Various foundation work including capping, curing, cage installation, etc., took place at EP294, EP303-2, EP304-2, EP309, EP346, and EP347.
- Concrete pouring was occurred at EP294, EP301, EP309, EP346, and EP347.



- Form removal and cleanup was conducted at EP303-2, EP309, EP346, and EP347.
  - Reveals were demolished at EP303-2 due to issues with the concrete. The foundations will need to be re-drilled and re-poured (see Figure 2).
  - Steel was delivered to EP301, EP304, EP306, EP307, EP308, and EP309.
  - Tower assembly took place from EP295 to EP299, EP304, EP306, EP328, EP329, EP341, and EP342.
  - Various tower work occurred at EP338, EP339, EP340, EP345, EP348, EP351, and EP354.
  - Snub holes were drilled and filled in at EP338/339 PS.
  - Anti-climbing guards were installed from EP208 to EP210, EP217-1, EP218-1, EP243, and EP244.
  - Night work was conducted at EP295, EP299, and EP313.
2. Link 2, 500 kV Overhead Transmission Line:
- Non-Federal Lands:
- Conventional foundations were drilled at EP89-1 (see Figure 3), EP92, and EP93.
  - Foundation, concrete pouring, forms removed and cleanup work occurred at EP89-1.
  - Preparation for micropile capping occurred at EP84.
3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):
- Grading occurred at the Slay Property (see Figure 4).
  - Potholing/Redevelopment/Revitalization occurred at Vault V10R and at Alpine Boulevard (near Alpine Elementary School).
  - Excavation occurred at V10R and Viejas Creek.
  - Trenching occurred from V7R to V8R, V9R to V10R, V10R to V11R, V10L to V11L, V11R to V13R, and V18R to V20R.
  - Pre-drilling/drilling occurred from V7R to V8R and near V20R (Loritz Property).
  - Saw cutting occurred from V10R to V11R and V19R to V20R.
  - Pouring of encasements occurred from V18R to V20R.
  - Pre-racking and jointing/splicing of manholes occurred at V6R, V7L, V9L, and V15L.
  - Proofing occurred from V16R to V18R.
  - Milling and setting plates occurred from V7R to V8R, V9R to V10R, V10L to V11L, and V19R to V20R.
  - Paving (including preparation) occurred near the Alpine Creek bore location, V7R to V8R, V9R to V10R, V11R to V13R, and V19R to V20R.
  - Vault 10R was set.
  - Vaults V10R and V11R were completed.
  - Cable pulling (and cable testing) occurred from V4R to V5R and V9L to V10L.
  - Risers were installed at the Loritz Property.
  - Conduit was installed at the Interstate 8 bore site (Caltrans bore site).
4. Link 5:
- Non-Federal Lands, 220 kV Overhead Transmission Line:
- Conventional drilling occurred at CP1B and CP29-1.
  - Micropile drilling occurred at CP21.
  - Ultimate test drilling occurred at CP23.
  - Steel erection occurred at CP95-1 and CP96-1.

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

- TL639:
  - Two new poles were set and reframed at Location #85.
  - Wire preparation and stringing operations occurred between Locations #83 and #85.
- TL6916:
  - Wind anchors were installed at Location #28.

### **Environmental Compliance:**

1. Biological, Cultural, and Native American monitors were present as applicable during all transmission line construction activities.

2. BMPs were installed or refreshed on tower sites, access roads, TSAPs, and pads associated with towers on Link 1:

#### Non-Federal Lands:

- Tower sites: EP210 to EP219, EP227, and EP232-1.

#### BLM Lands:

- Tower sites: EP269-1 TSAP, EP270-2 TSAP, EP275, EP276, from EP290 through EP306, EP310 TSAP, EP311-1, EP312, EP338/339 PS, EP328/349 PS, and EP355/356 PS.
- Access roads from Dunaway Road to the Southwest Powerlink (SWPL) road, and along the SWPL road from EP291 to EP363.

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

- BMPs were maintained at the EP90 tower and pad sites.

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):

- 69 kV: No BMP maintenance occurred during this reporting period.
- 230 kV: BMPs were maintained from CP17-1 through CP26.

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

7. Barefoot-banded gecko exclusionary fencing was installed at EP269 PS and EP270-2. (Link 1)

8. On August 4, 2011 an incident occurred where a load-carrying strap failed, causing a compressor unit to fall from the K-MAX helicopter. The compressor landed in a dry wash near EP327 on BLM land. Approximately 60 gallons of diesel fuel and 5 gallons of motor oil were released into the dry wash (see Figure 5). Biological, Archeological monitor, and Native American monitors were immediately brought onsite to assess any impacts to sensitive resources. No sensitive resources were impacted. The appropriate agencies were notified and cleanup of contaminated soils immediately commenced. Contaminated soils were stored at the Plaster City Yard and then properly disposed of. Clean-up was finished on August 5, 2011 (see Figure 6) and a restoration plan has been developed. No one was injured or hurt in this incident.

9. Monthly release reporting was made to the County of San Diego, Department of Public Works, Watershed Protection for a release on July 27, where approximately 10 ounces of vehicle fuel was released near 1237 Alpine Boulevard. The release was caused from a construction vehicle. The release was immediately contained and cleaned up on-site and did not pose a threat to human health or safety. (Link 4)

10. Soil contamination was discovered (see Figure 7) on the Underground as anticipated at Soil Management Plan Zone 1. Construction was halted in this area and the sampling and disposal plan was initiated. SDG&E's Environmental Lab conducted soil sampling. SDG&E's HazMat Department will use the analysis to determine proper shipping and disposal. All contaminated soil was left in the trench pending sampling results. (Link 4)

11. 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):**

Officer G. Masner, BLM Law Enforcement.

**Substation Construction AND UPGRADES**

**Summary of Activity:**

1. Suncrest Substation, Link 3 (non-federal lands): Rough grading took place on the substation pad and along Bell Bluff Truck Trail (BBTT). Vaults were excavated for underground utilities along BBTT and trenching between vaults for underground utilities was conducted. Drilling and blasting occurred on the northern and eastern sections of the pad. Rock was crushed for select fill material. Rock and soil were hauled from the northern portion of the pad to the southern portion of the pad. Select fill material was placed in the southwest and southeast quadrants of the pad. Pier foundations were drilled. Foundation pads were formed and concrete for the pads was poured. Rip rap was placed at storm drain outlets.
2. Imperial Valley Substation Upgrade (BLM lands): A wire crew was onsite working in the control room. Crews continued to work on tower assembly within the substation. Storage warehouse construction is scheduled to begin the week of August 8, 2011.
3. San Luis Rey Substation (non-federal lands): Wiring in the control house continued. Crews also worked on terminating newly pulled cable to Bank 70.
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. Trenching occurred at the northwest side of the project area from Pull Box 111 to Bay 1. Excavation occurred on the north side of the east oil containment wall. Concrete slurry was poured into a cable trench and forming risers around transformer pads. Conduit installation and grounding occurred. Wiring panels and disconnects were installed from Bay 8 through Bay 10. Driveway replacement work occurred. Work on disconnects and the eastern bus occurred near Bays 6 through 9.
5. Sycamore Substation (non-federal lands): Work was conducted below grade at Bays 15, 21, and 26. A wire rebar cage was installed in the southwest corner of the substation pad. Grounding and conduit was laid. Drilling occurred in the southwest corner of the substation pad.
6. Scripps Ranch Substation (non-federal lands): No work is scheduled to occur until the week of August 15, 2011.

**Environmental Compliance:**

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. Wattles were installed for slope stabilization on completed sections of the Suncrest Substation pad. (Link 3)
3. An incident occurred on August 5, 2011 where a small brush fire was started when a hot rock chip flew 15 feet into dry vegetation while placing rip rap along BBTT. The crew quickly responded with

fire tools and a water truck that was working close by. The fire blackened an area approximately 50x50 feet before being extinguished. Sunrise base was immediately notified and the project's Fire Marshall arrived onsite to evaluate the area (see Figure 8).

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 – No significant activity occurred during the reporting period.
3. AER Yard – The yard was turned over for mobilization and a cleanup crew.
4. Bartlett-Hauser Yard – Helicopter operations occurred and a cleanup crew swept the area.
5. Jacumba Valley Ranch (JVR) Yard – Helicopter operations and steel staging took place.
6. Hartung Yard – Tower assembly occurred.
7. Helix Yard – Helicopter operations and staging for foundation work occurred.
8. Kreutzkamp Yard – Tower assembly occurred.
9. Rough Acres Yard – Helicopter operations, tower assembly, and materials staging took place.
10. SWAT Yard – Tower assembly and material deliveries occurred.
11. Sycamore Yard – Helicopter operations and foundation work staging occurred.
12. Thomas Yard – Materials staging and steel deliveries were made.
13. Wilson Yard – Materials staging for Suncrest Substation and water deliveries to the water storage pond were made.
14. S2 Yard – Nighttime tower assembly and daytime materials deliveries occurred (see Figure 9).

BLM Lands:

15. Dunaway Yard – Wire reel delivery occurred. This yard was also used as a water supply for dust control.
16. Imperial Valley Yard – Used as a water supply for surrounding work areas and access roads only.
17. Plaster City Yard – Helicopter activities, foundation work staging, materials deliveries, and tower assembly took place. This yard was also used as a water supply for dust control for the surrounding areas.

**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. BMP maintenance was conducted at Rough Acres Yard. (Link 1)
3. Rumble plates were reset at S2 Yard. (Link 1)
4. One flat-tailed horned lizard (*Phrynosoma mcalli*) was found dead on the access road near EP327. Two flat-tailed horned lizards (*Phrynosoma mcalli*) were relocated to suitable habitat, away from construction activities. Of the two, one was found near Painted Gorge Road, and one near EP345. (Link 1)

5. During vegetation clearing, one pallid San Diego pocket mouse (*Chaetodipus fallax pallidus*) was relocated to a more suitable habitat from the access road entering the AER Yard.
6. One Coast patch-nosed snake (*Salvadora hexalepis virgulata*) was run over on the access road to SWAT Yard.

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 08/17/2011)

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 08/17/2011)

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.
#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	Under Review	Link 1, 2, 5	Additional landing platforms and TSAPS.

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 08/17/2011)

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 #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



## 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 08/17/2011)

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 08/17/2011)

Type	Date	Location	Description
Incident	101/1/20	White Star	Delivery of a rebar cage outside of the approved disturbance area.
Incident	02/17/20	EP 244, Link 1	Nest incorrectly marked at entrance to EP 244.
Incident	02/18/20	Alpine HQ	Emergency weather landing and storage of 3 helicopters at Alpine HQ.
Incident	03/12/20	EP 252, Link 1	Bulldozer was delivered at site prior to CPUC clearance being given.
Incident	03/15/20	EP 214, Link 1	Dewatering approximately 1 gal of groundwater from an excavation hole without having submitted a dewatering plan to the CPUC.
Incident	04/06/20	JVR 12 kV, Link 1	Confusion on approved work areas due to varying maps having been distributed to workers and monitors.
Incident	04/07/20	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	05/05/20	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 500ft 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, which 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.

**PROJECT PHOTOGRAPHS**



**Figure 1:** Grading at EP269 pull site, Link 1.



**Figure 2:** Demolishing foundation reveals at EP303-2, Link 1.



**Figure 3:** Drilling at EP89, Link 2



**Figure 4:** Grading on the Slay property, Link 4.





**Figure 5:** Diesel fuel spill resulting from a dropped compressor unit, Link 1.  
(Photo courtesy of Andrew McGann and David Mendez.)



**Figure 6:** Site of dropped compressor near EP327 after most of the contaminated soil had been removed, Link 1.



**Figure 7:** Contaminated soil and groundwater on Alpine Boulevard, Link 4.



**Figure 8:** Fire incident at Suncrest Substation, Link 3.  
*(Photo courtesy of Mark Merideth.)*





**Figure 9:** Night work at S2 Yard, Link 1.