

This report provides a summary of environmental monitoring and compliance activities conducted by Burns and McDonnell (BMcD) staff and BMcD subconsultants for the San Diego Gas & Electric (SDG&E) Sunrise Powerlink Project during the above weekly time period.

Training

- Environmental training continued for new Project personnel every Tuesday and Thursday. Additional trainings were provided as requested.
- An Environmental Stand-down occurred on March 21, 2011 in order to emphasize the importance of mitigation measure compliance with crews.

Preconstruction

- Avian biologists surveyed for nesting birds prior to work commencing in an area with guidance and concurrence from the California Department of Fish and Game (CDFG), United States Fish and Wildlife Service (USFWS), and California Public Utilities Commission (CPUC). For any active nests found, a buffer was established and no construction activities were permitted within the buffer area without consulting with agencies first. Active nests were mapped and monitored for success or failure. Nest information is tracked in the Nesting Matrix, which is submitted to the agencies weekly.
- Work limits were staked at structure sites and access roads associated with EP94, EP99-2, EP191-2, EP197-3, EP239-1, EP251, EP300-1, and EP306-1. Work limits and TSAPs were staked at EP101-2, EP102-3, EP102A-1, EP194-3, EP195-2, and EP196-2. Access road staking occurred from EP96 to EP98-1, and at EP93, EP98-2, EP99-2, EP200A, and EP330-1. The work limits, recovered tower sites, and reference points were staked at EP1-3. The temporary work area at EP251 was staked. Staking occurred on the work limits at EP97, EP98, EP103-2, EP170, and EP305-3. The pull sites between EP99-2 and EP101-2, EP343 and EP344, EP306-1 and 307-1, and at EP42 and EP301 were staked. TSAPs were staked at EP195-2. Maintenance pads were staked at EP39-1 and EP42. Irrigation pipe ties were staked at EP239-1. Driveway approaches were staked for CP29-1 and CP31-2.
- Environmentally sensitive areas (ESAs) were staked at structures EP67, EP220, EP258-3, EP337, EP338, EP339; at TSAP for EP259; at Sycamore, Helix, Kreutzkamp, and Alpine Construction Yards (CYs); and on the access road at EP77. “Access” and “No Access” signs were installed along Cameron Truck Trail.

Construction

- Monitors were present during construction activities to ensure compliance with mitigation measures as identified in the Final EIR/EIS Mitigation Monitoring, Compliance, and Reporting Program.
 - 10 Archeological Monitors were present
 - 47 Biological Monitors were present
 - 6 Environmental Monitors were present
 - 13 Native American Monitors were present
 - 2 Paleontological Monitors were present
 - 8 SWPPP Monitors were present
- Project staff carpooled to site reviews and off-site meetings. Construction crews were observed carpooling whenever possible from yards to tower sites. Traffic control crews carpooled from the construction yards to control areas.

Overhead Private

- Link 1
 - Grading of crane pads at EP217 and EP219, and the pull site associated with EP219.
 - Conventional foundations at EP208 and EP209.
 - Foundation cleanup at EP213.
 - Conventional structure assembly at EP210, EP211, EP215, EP243, and EP244.
 - Micropile drilling at EP227, EP232-1, EP235-1, and EP253-2.
 - Micropile proof testing preparation at EP227.
 - Micropile proof testing at EP221-2, EP221A, EP225-1, and EP238.
 - Micropile grouting at EP221A, EP225-1, EP227, EP232-1, EP235-1.
 - Micropile benching at EP221-2 and EP221A.
 - Micropile trimming at EP221A, EP225-1, and EP230-1.
 - Micropile ultimate test at EP239.
 - Driveway installation at EP220-1 and associated pull site, and EP239-1 through EP242.
 - Access road grading at EP252-1.
 - BMP installation and/or repairs at EP210, EP218, EP219, and EP239.
- Link 2
 - Micropile drilling at EP80 and EP81.
- Link 5
 - Work on the 69kV Reconductoring Line on Tie Lines (TL) 6916 and 639 continued. On TL 6916, underground work continued. On TL 639, wire was pulled across Hwy. 52. BMPs were installed and/or repaired.

Suncrest Substation

- Link 3
 - Rough grading continued on Bell Bluff Truck Trail (BBTT) and the pad.
 - Eastern hill was drilled and blasted and rock/soil was excavated and hauled to southern canyon fill area.
 - Material was also excavated from the center of the pad and hauled to the southern canyon as well.
 - BMPs were installed and maintained along the pad and BBTT. Both northern and southern detention basins were pumped and water was spread throughout the fill areas for compaction.
 - Office trailers were delivered and setup began.

Underground

- Link 4
 - Potholing at Alpine Blvd. between the 1900 Block and Tavern Rd., Alpine Blvd. from Willows Rd. east for 1200ft., V8L, V17L, V10L from Sta. 160+00 west to the school limits, Alpine Blvd. from 600ft. west of West Victoria westbound.
 - Excavating (including “Ins and Outs” and trenching) at Hwy 8 jack and bore, V5R, V8L, V8R, V12L towards V13L, V14L towards V15L, V15L towards V19L, and Alpine Blvd. west of Star Valley Rd.
 - Pre-drilling, drilling/saw cutting at V7L.

Underground (cont.)

- Pouring encasement at V16L, from station 258+00 to 241+00, and from station 241+00 to 227+00.
- Prepping and cleaning manholes for ABB at V3L, V12L, and V13L.
- Setting plates and paving from V16L to V15L, V15L to V14L, station 227+00 to South Grade Rd., V7L, V13L, station 209+00 to the west, along the 3200 block of Alpine Blvd. to Honey Hill Ranch Rd, Alpine Blvd. from 600ft. west to South Grade Rd. west for 2,000ft., Alpine Blvd. from South Grade Rd. west, station 309+00 Alpine Blvd. 800ft. west of Star Valley Road.
- Well work/dewatering at V11L, Sta. 177+00 Alpine Blvd. 700ft. east of Marshal Rd. (Alpine Creek bore site).
- BMP installation and maintenance continued along Alpine Blvd. and the Loritz property.
- Grading at the Loritz property.
- The sink hole on Alpine Blvd., 150ft. west of V12R, was repaired.

Substation Upgrades

- Imperial Valley Substation
 - Conventional foundations were drilled.
 - Conventional structure assembly occurred.
 - Circuit breaker, potential transformer, switch stands, and bus supports were installed.
 - Trenching occurred in Bay #1 for cable vaults to tie into the control building.
- Encina Switchyard
 - Conventional foundations were drilled.
 - Installed Bay #5 disconnects and trusses at Encina.
 - Gas circuit breaker, potential transformer, switch stands, and dead end pads were installed at Encina Substation.
- San Luis Rey Substation
 - Conventional foundations were drilled.

Construction Yards

- Jacumba Valley Ranch (JVR)
 - Material staging and tower assembly continued.
 - The yard was utilized for helicopter activities.
- Helix Yard
 - Material staging and tower assembly continued.
 - Access road improvements occurred.
 - The active Cooper's Hawk nest along the access road was monitored.
- Hartung Yard
 - Material staging and tower assembly continued.
 - The active Red-tailed Hawk nest was monitored.
- Kreutzkamp Yard
 - Material staging and tower assembly continued.
 - Access road improvements occurred.
 - BMP maintenance continued.

Construction Yards (cont.)

- SWAT Yard
 - Access road improvements occurred.
 - BMP maintenance continued.
- Bartlett-Hauser Yard
 - BMP maintenance continued.
 - Existing access road improvements occurred.
- Wilson Yard
 - No work occurred at this location during this reporting period.
- Rough Acres Yard
 - Material staging and tower assembly continued.
- Alpine Upper Yard
 - Material staging and tower assembly continued.
- Alpine Regional Field Office
 - No work occurred at this location during this reporting period.
- Thomas Yard
 - No work occurred at this location during this reporting period.

Wildlife Reporting

- Two meadow voles were found dead inside the Hartung Yard due to a vehicle collision.
- A southern pacific rattlesnake was found dead along the access road to the Kreutzkamp Yard.

Spills/Hazardous Waste

- Link 4: Three minor releases occurred during this reporting period, a concrete washout, PVC glue, and water from a vacuum truck. All were contained, did not reach the storm water system, were cleaned up, and reported to the County of San Diego Storm Water Hotline.
- Link 5, 69kV Reconductoring: A minor release of motor oil occurred on the city street and was immediately cleaned up. It was reported to the City of San Diego Storm Water Reporting number.

Non-compliances

No non-compliances were issued this reporting period.

Variances

No variances were approved during this reporting period.

Weather

During this period, a qualifying rain event began on March 20, 2011 with precipitation recorded Monday through Saturday during the week. A qualifying rain event is defined as any event that produces 0.5 inches or more precipitation, with 48 hours or greater with no precipitation between rain events.

The following are cumulative precipitation totals: Alpine: 2.1 inches; Encina Switchyard: 2.0 inches; JVR Yard: 0.8 inch; Kreutzkamp Yard: 0.4 inch, Bartlett Yard: 1.9 inches; Suncrest Substation: 1.98 inches; Helix Yard: 1.9 inches; Hartung Yard: 2.25 inches; Rough Acres Ranch: 1.5 inches; Link 5: 1.4 to 2.65 inches in various locations.

BMP's were checked and maintenance conducted as needed in preparation of a predicted storm events. During the storm event, inspections of BMPs were conducted at various locations throughout the week.