

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.

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 first consulting with the agencies. Active nests were mapped and monitored for success or failure.
- Temporary platforms were staked at CP54-1 and CP60/CP61-1, between CP107 and CP108, at EP10-2, at EP34-4, and at EP87-1. Temporary TSAPs were staked at CP71, CP74-2, CP79, EP69, EP70, EP117-2/EP118-2, and EP227. The pull site at CP23, EP89-1, access road between EP219-1 and EP220-1, EP220-1, and EP269-1 were staked. Work limits were refreshed at EP318-1, EP327, EP328-1, EP331, EP337, EP 339, EP348, EP349, EP350, EP351, and EP352. Guard structure staking occurred between structures CP24-1 and CP25-2, and CP28-1 and CP29-1.
- Environmentally sensitive areas (ESAs) were logged and photographed at EP175, EP176, EP177, EP178, EP178 pull site, EP179, EP180, EP181, EP182, EP183, EP184, and EP185. ESAs were staked at EP179, EP180, EP182, EP290 access road, EP291, EP338 (expanded), and EP344 (expanded). Water resources were logged and photographed at EP187. Water resources were staked at EP291, EP297, and EP304.

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. Archaeologists, Paleontologists, and Native American Monitors were present at sites where required as identified prior to construction activity and as approved in the NTPs.
 - 10 Archeological Monitors were present
 - 57 Biological Monitors were present
 - 7 Environmental Monitors were present
 - 12 Native American Monitors were present
 - 4 Paleontological Monitors were present
 - 8 SWPPP Monitors were present
- At tower sites CP25-2 and CP26, a golf-type cart is being used to shuttle workers from the access road parking area to the work areas. Project staff carpooled to site reviews, kick-off tailgates, and off-site meetings. Construction and traffic control crews were observed carpooling from yards to work areas.
- The table below demonstrates the construction progress to date:

OVERHEAD		
Agency	Foundations Drilled	Towers Erected
Non-Federal	32 of 744	7 of 186
Bureau of Land Management	1 of 716	0 of 179
US Forest Service	0 of 304	0 of 76
UNDERGROUND		
Agency	Vaults Installed	Trenches Excavated & Backfilled
Non-Federal	26 of 40	8 of 38
SUBSTATIONS		
A portion of the Imperial Valley Substation, Sunrise Powerlink upgrade, was energized the weekend of April 30 th .		

Overhead

- Link 1
 - Conventional foundations were drilled at EP336.
 - Conventional foundations were poured at EP220-1 and EP336.
 - Conventional foundation pouring crew cleaned up for demobilization at EP220-1.
 - Conventional structure assembly at EP210, EP211, EP213, EP214, EP217, EP219, and EP243.
 - Resistance testing was performed at EP208, EP210, EP211, EP213, EP214, EP215, EP217, EP218, and EP219.
 - Fault trenching at EP340.
 - Micropile soil boring occurred at EP225, EP238, EP330, and EP341.
 - Micropile drilling occurred at EP240 (pilot test hole).
 - Pole sites were excavated and set, and wire pulled on the JVR relocation of the 12kV line.
 - BMP crews at EP220, EP244, EP314, EP317, EP318, EP320, EP321, EP322, EP327, EP328, EP329, EP331, EP336, EP338, EP340, EP341, EP343, EP344, EP345, EP348, EP349, EP350, EP351, and EP352.
 - Desert pavement removal and salvage occurred at EP338, EP340, and EP345.
 - Rough grading occurred at EP313, EP343, and EP344.
 - Road work at Plaster City Yard access road, EP239, EP240, EP313, EP320, EP321, EP322, EP344, and EP345.
 - Specialty monitors for the flat-tailed horned lizard and for VEE dust control were onsite at EP313, EP320, EP321, EP322, EP330, EP336, EP338, EP340, EP341, EP343, EP344, EP345, and at the Plaster City Yard.
 - A paleontological discovery was made in the vicinity of EP322 on April 27, 2011. The discovery was collected and reported to the appropriate agencies.
- Link 2
 - Micropile drilling at EP79 and EP84.
 - Micropile grouting at EP84
 - Micropile trimming at EP80 and EP84.

- A couch, wattles, and project signage were lit on fire on the EP84 access road over the weekend and discovered on April 25th. No biological damage occurred.
- Link 5
 - Conventional foundations were drilled at CP25-2 and CP26.
 - Work on the 69kV Reconductoring Line on Tie Line (TL) 6916 continued. On TL 6916, trenching, plate removal, and backfilling occurred on the Rue Biarritz underground portion. Cleanup and BMP work occurred as well. On TL 639, BMP maintenance was performed.

Suncrest Substation

- Link 3
 - Rough grading continued on the pad.
 - Drilling and blasting continued in several locations on the pad.
 - Rock and soil were excavated in various locations on the pad and compacted in the southern-central portion of the pad.
 - Grading continued on the Bell Bluff Truck Trail.
 - BMP maintenance continued in several locations.
 - SWPPP monitor continued documentation of erosion controls and hazardous materials on site.
 - Work continued on a block retaining wall in the northern drainage.
 - Installation of the permanent drainage system continued.

Underground

- Link 4
 - Potholing at V2R to V3R, V8 to V9, and V15R.
 - Excavating at V14R and V16R.
 - Ins and outs at V3L, V5L, V11L to V13L, V15L, and the Highway 8 bore site.
 - Trenching between V4L to V8L, V8R to V9R, and V11L to V12L.
 - Pre-drilling and drilling between V4L to V5L, V8R to V9R, and V14.
 - Saw cutting at V2R to V3R, V8 to V9, V15R, and V8R to V9R.
 - Encasement pouring between V4L and V7L.
 - Proofing at V15L, V16L, V17L, and V18L.
 - Milling and setting plates at V4L to V6L, V8R to V9R, V11L to V12L, and V16L.
 - Paving at V5L to V9L, V12L to V13L, V14L to V15L, and V17R.
 - Bridge work occurred at the Viejas Creek Bridge.
 - Shoring at the Alpine Creek bore site.
 - BMP installation and maintenance continued along Alpine Blvd and the Loritz property.
 - Grading at the Loritz property.
 - Work continued at the Highway 8 bore site.
 - No activity occurred at the Bauer Bridge location due to active nest buffer restrictions.

Substation Upgrades

- Imperial Valley Substation
 - A portion of the substation was energized.
 - Conventional foundations were drilled.
 - Conventional structure assembly occurred.

- Gas circuit breaker, potential transformer, switch stands, and bus supports were installed.
- Trenching occurred in Bay #4 for cable vaults to tie in to the control building.
- Concrete pads and conduit were worked on in Bay #4.
- Disconnects and circuit breakers were installed in Bay #3.
- Active nest monitoring continued.
- Encina Switchyard
 - Conventional foundations were drilled.
 - Conventional structure assembly occurred.
 - Gas circuit breaker, potential transformer, switch stands, and dead end pads were installed.
 - Crews continued building a perimeter fence around the switchyard.
 - Active nest monitoring continued.
- San Luis Rey Substation
 - Conventional structure assembly occurred.
 - Upgrades occurred on the 69KV bus.
 - Work was completed in Bay #5.
 - Active nest monitoring continued.
- Sycamore Canyon Substation
 - Active nest coordination occurred with the avian biologists.
- Scripps Ranch Substation
 - Active nest coordination occurred with the avian biologists.

Construction Yards

- Jacumba Valley Ranch (JVR) Yard
 - Material staging and tower assembly continued.
 - The yard was utilized for helicopter activities.
- Helix Yard
 - Material staging and tower assembly continued.
- Hartung Yard
 - Material staging and tower assembly continued.
- Kreutzkamp Yard
 - Material staging and tower assembly continued.
 - Coordination for additional reptile/amphibian barrier fencing occurred.
- SWAT Yard
 - No work occurred at this location during this reporting period.
- Bartlett-Hauser Yard
 - Material staging and tower assembly continued.
 - The yard was utilized for helicopter activities.
 - BMP maintenance continued.
- Wilson Yard
 - Material staging and tower assembly continued.
- 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.
- Plaster City Yard
 - Grading occurred in the yard and on the access road.
 - Material staging and tower assembly continued.
 - BMP installation occurred.

Wildlife Reporting

The following listed or Species of Special Concern were found dead in Project construction limits during this reporting period:

- Anna's hummingbird (*Calypte anna*): One (1) flew into a windshield at Helix Yard

The following listed or Species of Special Concern were relocated during construction activities this reporting period:

- Flat-tailed horned lizard (*Phrynosoma mcallii*): Two (2), one (1) at EP322 and one (1) at EP321, both relocated by a certified FTHL handler.
- Red Diamond rattlesnake (*Crotalus ruber ruber*): Two (2) at the Suncrest Substation were found uninjured on the access road and relocated outside the disturbance area.
- Coronado skink (*Plestiodon skiltonianus interparietalis*): Three (3) relocated at Kreuzkamp Yard.
- Two-striped garter snake (*Thamnophis hammondi*): One (1) relocated at Kreuzkamp Yard.

Spills/Hazardous Waste

- Link 4:
 - 4/27/2011: A release of less than 4 ounces of hydraulic fluid from a leaking tailgate ram on a lowboy truck trailer was reported at Vault 11L, near 2271 Alpine Blvd., Alpine, CA, 91901, and was immediately cleaned up. A release of less than 6 ounces of radiator coolant from a compressor engine was reported at Vault 17L, near 3800 Alpine Blvd., Alpine, CA, 91901, and was immediately cleaned up. A release of less than 4 ounces of hydraulic fluid from a drilling rig hose was reported at Vault 5L, near 1000 Alpine Blvd., Alpine, CA, 91901, and immediately cleaned up. All of the above were reported to the County Storm Water Hotline.
 - 4/28/2011: Release of less than 2 ounces of hydraulic fluid from a hose on the excavator was reported near the 300 block of Alpine Blvd., Alpine, CA, 91901, at the Jack and Bore site, ¼ mile west of Peutz Valley Road. This location is between Alpine Blvd. and the I-8 Freeway. The leak was immediately cleaned up. Reporting was made to the CalTrans HazMat Manager.
 - 4/29/2011: A release of less than 2 ounces of diesel fuel from refueling a backhoe was reported at Vault 14R, near 3450 Alpine Blvd., Alpine, CA, 91901, and was immediately cleaned up. Reporting was made to the County Storm Water Hotline.

Non-compliances

No non-compliances were issued this reporting period.

Variations and TEWS

- Variance #12 was approved for the addition of a turnaround along the access road to EP220-1.

Weather

During this period, no rain events occurred and no precipitation was recorded. BMPs were installed or maintained as needed throughout Project areas.



Controlling dust with the water truck at Bartlett/Hauser Creek Construction Yard, 4/27/2011.

Photo courtesy of Tina Carter