

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 consulting with agencies first. Active nests were mapped and monitored for success or failure. Nest information is tracked in the Nesting Matrix.
- Work limits and temporary structure access pads (TSAPs) were staked at EP143-1, EP144, EP145, and EP233-1. Work limits were staked at EP71, EP72, EP73, EP74-1, EP75-2, EP115-1, EP116-1, EP117-2, EP118-2, EP146, EP280-2, pull site between EP291-1 and EP292-1, EP317 (refreshed), EP319 (refreshed), EP322 (refreshed), EP320-1 (refreshed), and EP321-1 (refreshed). Temporary platforms were staked at EP134-1, EP232-1, EP261-2, EP263B-2, EP265-2, and EP267-2. The maintenance pads at EP141 (refreshed) and EP265-2 were staked.
- Environmentally sensitive areas (ESAs) and water resources were logged and staked at EP187-2, EP190-2, EP191-3, EP1989-3, EP199-3, EP201-3, EP202-3, EP203-3, EP204-3 pull site, EP205-2, along McCain Valley Rd (refreshed), EP247 to EP248, EP250, EP251, and EP255 (refreshed). Preconstruction photos were taken at EP187-2, EP189-3, EP200A, EP200-3, EP200-3 pull site, and EP205-2. Staked “Project Access” and “No Project Access” signs from EP247 to EP248, and at EP84.

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 NTP’s.
 - 9 Archeological Monitors were present
 - 54 Biological Monitors were present
 - 7 Environmental Monitors were present
 - 14 Native American Monitors were present
 - 3 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.
- The table below demonstrates the construction progress to date:

OVERHEAD		
Agency	Foundations Drilled	Towers Erected
Non-federal	30 of 744	7 or 186
Bureau of Land Management	0 of 716	0 or 179
US Forest Service	0 of 304	0 or 76
UNDERGROUND		
Agency	Vaults Installed	Trenches Excavated & Backfilled
Non-federal	26 of 40	6 of 38

Overhead

- Link 1
 - Foundation QA/QC at EP 209 to EP219, EP220, EP243 to EP244, EP336, and EP240.
 - Conventional foundations at EP220-1.
 - Conventional structure assembly at EP208 to EP219, EP243, and EP244.
 - Micropile concrete cap work at EP231-1, EP231A, EP235-1, and EP238-1.
 - BMP crews at EP313, EP329, EP330, and EP336.
 - Desert pavement removal and salvage occurred at EP341, EP343, and EP344.
 - Road work at EP329, EP331 to EP341, EP343, EP344, EP345, and on the access road between Evan Hewes Highway & Plaster City CY.
- Link 2
 - Micropile drilling at EP79 and EP84.
 - Micropile grouting and trimming at EP80.
 - BMPs were maintained on access roads, TSAPs, and pads associated with EP84.
 - A fire occurred at EP84. Wattles were removed from around the work site and lit on fire. Two Link Leads discovered and extinguished the fire. No biological damage occurred.
- Link 5
 - Conventional foundations at CP25-2 and CP26.
 - Work on the 69kV Reconductoring Line on Tie Line (TL) 6916 continued. On TL 6916, approximately 50ft. of underground work occurred, including trenching, laying conduit, pouring slurry, and asphalt work, occurred. No work occurred on TL 639 this reporting period.

Suncrest Substation

- Link 3
 - Rough grading continued on the pad.
 - Drilling and blasting continued on both the eastern and western hills.
 - Rock and soil were excavated in various locations on the pad and compacted in the southern portion of the pad.
 - BMP maintenance continued in several locations on the pad and along Bell Bluff Truck Trail. Damaged erosion controls were identified by the SWPPP monitor and were addressed by the contractor.
 - Work began on a block retaining wall in the northern drainage.

- Installation of the permanent drainage system continued.
- Concrete pouring began in the brow ditches along both the pad and access road.

Underground

- Link 4
 - Potholing at V8R to V9R, V15R, V16R, and V17R.
 - Excavating at V17R.
 - Ins and outs at V6L, V4L, V7L, V8L, V11L to V13L, V12L, and V15L.
 - Trenching between V6L to V8L, V8R to V9R, and V11L to V13L.
 - Pre-Drilling and drilling between the Highway 8 bore site and V2L, V4L and V5L, and V8R and V9R.
 - Saw cutting at the Alpine Creek Bore Site, V2L to V4L, V18R, and V8R to V9R.
 - Encasement pouring between V6L and V9L.
 - Proofing at V6L, V15L, and V17L.
 - Milling and setting plates at V4L, V6L to V7L, V11L to V12L, and V17R.
 - Paving at V8L, V7L, and V12L to V13L.
 - Vaults set at V17R and V18R
 - Soldier beams installed 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
 - 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 into the control building.
 - Concrete pads and conduit in 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 began building a new 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.

Construction Yards

- Jacumba Valley Ranch (JVR) Yard
 - Material staging and tower assembly continued.
 - The yard was utilized for helicopter activities.
 - Offsite dust occurring near the yard. Dust control being conducted within the yard and along access road.
- Helix Yard
 - Material staging and tower assembly continued.
- Hartung Yard
 - Material staging and tower assembly continued.
- Kreuzkamp 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
 - Fencing for the Yard perimeter continued.
 - Material staging and tower assembly continued.
 - The yard was commissioned and handed over to Par Electric.
 - BMP installation occurred.

Wildlife Reporting

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

- Black-chinned sparrow (*Spizella atrogularis*): One (1) found dead on Kreuzkamp Yard access road; cause of death unknown
- House finch (*Carpodacus mexicanus*): One (1) found dead at the Suncrest Substation; cause of death unknown
- Burrowing owl (*Athene cunicularia*): One (1) found dead at the Thomas Yard during the last reporting period; cause of death unknown

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

- Flat-tailed horned lizard (*Phrynosoma mcallii*): One (1) at Plaster City Yard, relocated by a certified FTHL handler
- Coastal rosy boa (*Charina trivirgata roseofusca*): One (1) at EP238, species was continually monitored to ensure safety
- Two-striped garter snake (*Thamnophis hammondi*): Thirteen (13) at Kreuzkamp CY

Spills/Hazardous Waste

- 69 kV Reconductoring: 4/19/2011, a release of approximately 2-3 ounces of hydraulic fluid from a bobcat was reported at 9930 Rue Biarritz, San Diego, CA, 92131 and was immediately contained and cleaned up. Reporting was made to the City of San Diego, Storm Water Reporting.
- Link 4: 4/20/2011, a release of approximately 4 ounces of diesel fuel during fueling occurred at Vault 7L, near 1400 Alpine Blvd., Alpine, CA, 91901, and was immediately contained and cleaned up. 4/21/2011, a release of less than 2 ounces of hydraulic fluid from the backhoe occurred near Alpine Blvd. and Alpine Spring Road, Alpine, CA, 91901 and was immediately contained and cleaned up. 4/21/2011, a release of less than 4 ounces of hydraulic fluid from the backhoe attachment occurred near Alpine Blvd. and Alpine Spring Road, Alpine, CA, 91901 and was immediately contained and cleaned up. Reporting was made for all of the Link 4 releases to the County Storm Water Hotline.

Non-compliances

No non-compliances were issued this reporting period.

Variations and TEWS

- Variance #11 was approved for the addition of extra workspace east of EP215 for installation of a guard structure.

Weather

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



Juvenile Great Horned Owl, fledged at the San Luis Rey Substation, 4/20/2011

Photo courtesy of Jim Gibson