

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 EP45. Access roads were staked at EP95. Temporary TSAP locations were staked at EP291-1, EP310, EP312, and EP314. The maintenance pad at EP265-2 was staked. The temporary work area at EP170 was staked. Staking also occurred at Kreutzkamp and Sycamore Estates Construction Yards (CYs).
- Environmentally sensitive areas (ESAs) and water resources were logged and staked from structures EP209 to EP219 (refreshed), EP290 to EP299, EP335, EP349, EP350, EP351, EP352, EP354, EP356, and EP363. Staked “Project Access” and “No Project Access” signs from EP296 to EP317 and EP330 to EP363.

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.
 - 10 Archeological Monitors were present
 - 49 Biological Monitors were present
 - 10 Environmental Monitors were present
 - 11 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.

Overhead Private

- Link 1
 - Conventional foundations at EP220-1.
 - Conventional structure assembly at EP208, EP209-1, EP210, EP213, EP214, EP215, EP218-1, EP219-1, EP243, and EP244.
 - Micropile concrete cap prep at EP225-1, EP226-1, EP227, EP229-1, EP230-1, and EP232-1.
 - Helicopter assembly at EP208, EP209, EP218, and EP243.
 - Cleanup at EP235-1.
 - Grounding rods and connectors installed at EP217-1.
 - BMP crews at EP225-1, EP226-1, EP227, EP230-1, EP231-1, EP232-1, EP313, EP329, EP330, EP336, EP343, EP344, EP345, and at the Plaster City Yard.
 - Desert pavement removal and access road work occurred at EP341.
- Link 2
 - Micropile preparation at EP79, EP84, and EP86-1.
 - Micropile drilling at EP79, EP80, and EP81.
 - Micropile trimming and testing at EP81.
 - BMPs were maintained on access roads, TSAPs, and pads associated with EP79, EP80, EP81, EP84, and EP86-1.
- Link 5
 - Conventional foundations at CP25-2 and CP26.
 - BMPs were maintained on access roads, TSAPs, and pads associated with CP25-2 and CP26.
 - Work on the 69kV Reconductoring Line on Tie Line (TL) 6916 continued. On TL 6916, approximately 60ft. of trenching occurred. Paving was completed in areas where trenching and vault installation had been completed. No work occurred on TL 639 this reporting period.

Suncrest Substation

- Link 3
 - Rough grading continued on the pad.
 - Drilling and blasting took place in several locations including the eastern and western hills and in the northern and southern drainages where the permanent storm drain system will be installed.
 - Rock and soil were excavated in various locations on the pad and compacted in the southern portion of the pad.
 - BMP maintenance continued following the previous week's rain event. Sediment was removed from behind gravel bags in the V-ditches along the road. Silt fence was repaired as needed.
 - Installation of the permanent drainage system continued.
 - Several concrete pours were conducted in the northern drainage for velocity dissipaters and cleanout boxes.
 - Netting was installed on stockpiled materials to prevent birds from nesting within cavities.

Underground

- Link 4
 - Potholing at Alpine Creek, V2L to V3L, V11L, and between Vaults 16R and V17R.
 - Excavating at V11L, V17R, and V18R.
 - Ins and outs at V6L, V7L, V8L, and V15L.
 - Trenching between V6L and V9L, V12L and V13L, and at V19L.
 - Pre-Drilling and drilling between the Highway 8 bore site and V5L, and at V17R.
 - Saw cutting between V3L to V5L.
 - Encasement pouring between V7L to V9L.
 - Pre-racking manholes and cleaning for ABB at V11L and V19L.
 - Proofing at V17L and V18L.
 - Milling and setting plates between V5L and V8L, V12L and V13L, and V17R, and V19L.
 - Paving at V7L, V9L, V12L to V13L, V15L, and V19L.
 - Vaults set at V6R and V11L.
 - Dewatering at 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 #3 and Bay #4 for cable vaults to tie into the control building.
 - Concrete pads and conduit in were worked on in Bay #3 and Bay #4.
 - Steel structures were erected and disconnects installed in Bay #4.
- Encina Switchyard
 - Conventional foundations were drilled.
 - Conventional structure assembly occurred.
 - Gas circuit breaker, potential transformer, switch stands, and dead end pads were installed.
- San Luis Rey Substation
 - Conventional structure assembly occurred.
 - Upgrades occurred on the 69KV bus.

Construction Yards

- Jacumba Valley Ranch (JVR) Yard
 - Material staging and tower assembly continued.
 - An internal noxious weed audit was performed.
 - 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.
 - Fencing/signage new bird buffers and ESAs occurred.
- Hartung Yard
 - Material staging and tower assembly continued.
- Kreutzkamp Yard
 - Material staging and tower assembly continued.
 - Fencing/signage new bird buffers and ESAs occurred.
 - An internal noxious weed audit was performed.
 - BMP maintenance continued.
- SWAT Yard
 - An internal noxious weed audit was performed.
- Bartlett-Hauser Yard
 - Material staging and tower assembly continued.
 - Fencing/signage new bird buffers and ESAs occurred.
 - Access road/driveway improvements were performed.
 - An internal noxious weed audit was performed.
 - BMP maintenance continued.
- Wilson Yard
 - Material staging and tower assembly continued.
 - Fencing/signage new bird buffers and ESAs occurred.
 - Access road/driveway improvements
- Rough Acres Yard
 - Material staging and tower assembly continued.
 - Access road/driveway improvements were performed.
- Alpine Upper Yard
 - Material staging and tower assembly continued.
 - Fencing/signage new bird buffers and ESAs occurred.
- Alpine Regional Field Office
 - No work occurred at this location during this reporting period.
- Thomas Yard
 - Material staging and tower assembly continued.
- Plaster City Yard
 - Fencing for the Yard perimeter began.
 - Access road work occurred between Evan Hewes Highway and the Yard.

Wildlife Reporting

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

- Two-striped garter snake (*Thamnophis hammondi*): One (1) found along the Suncrest Substation access road and one (1) found along the Kreutzkamp CY access road

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

- Coast horned lizard (*Phrynosoma coronatum*): One (1) at EP229-1
- Two-striped garter snake (*Thamnophis hammondi*): Ten (10) at Kreutzkamp CY

Spills/Hazardous Waste

- Link 4: 4/15/2011, a release of less than 2 ounces of hydraulic fluid was reported at V15R, near 3324 Alpine Blvd., Alpine, CA 91901, and was immediately contained and cleaned up. 4/15/2011, a release of less than 2 ounces of hydraulic fluid was reported at V16R, near 3845 Alpine Blvd., Alpine, CA 91901 and was immediately contained and cleaned up. Reporting was made for both situations to the County of San Diego, Storm Water Hotline.
- 69 kV Reconductoring: 4/14/2011, a release of approximately half (0.5) of an ounce of diesel fuel was reported near 9969 Rue Biarritz, San Diego, CA, 92131 and was immediately contained and all visible traces were removed. Reporting was made to the City of San Diego, Storm Water Reporting.

Non-compliance

No Project Memorandums nor non-compliance issues occurred during this reporting period.

Variations and TEWS

- Variance #10 was approved for the addition of extra workspace at the Viejas Creek Bridge.
- A Temporary Extra Work Space (TEWS) Request was approved for the use of an alternate access route at EP84.

Weather

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



Air crane setting tower bridge on EP 218.

Photo courtesy of Don Spires.