

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

- SWEAP training continued for new Project personnel every Tuesday and Thursday. Additional trainings were provided as requested.
- A Project Monitor Training was held on Monday and Tuesday, June 13 and 14, 2011, at the Alpine Community Center. There were approximately 70 new monitors in attendance.
- Flat-tailed horned lizard (FTHL) trainings were provided to crews prior to construction per mitigation measure B-7b and in accordance with the FTHL Rangelwide Management Strategy.

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 agencies. Active nests were mapped and monitored for success or failure and updated on the nest monitoring log.
- QA/QC was performed for footing staking at EP121A-1, EP122-1, EP123-1, EP124, EP128, EP129, EP131, EP132-2, EP134-1, EP135, EP136, EP137, EP139-1, EP142-1, EP143-1, EP144, EP145, EP146, EP147, EP148-1, EP149-1, and EP150. Sycamore Substation Pole/RP staking at CP1A-1, CP1B, CP1C, and CP2.
- Vegetation restoration survey was performed at EP208.
- The ESA Team conducted the following activities during this reporting period:
 - Examined the ESAs at the SWPL access road at EP 347 and installed red reflecting tape on the ESA located on the north and south margins of the SWPL access road between EP348 and just west of EP347. The reflecting tape was also applied to the ESA surrounding EP347 including the entire spur road (EP347-N).
 - Inspected the previously installed ESAs and project signs along McCain Valley Road, but no repairs were required.
 - Installed the No Grading signage along the access road at the entrance to the AER Yard.
 - Cultural Monitor examined the installed ESA at EP361.
 - Repaired and refreshed red reflecting tape from EP317 to EP341.
 - Repaired, refreshed, and improved previously installed project signs and ESAs on the north and south margins of the SWPL access road and from EP363 to EP233, and at structure sites EP316-2 and between EP362 to EP344 and EP326 to EP324.

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.
 - 14 Archeological Monitors were present

- 84 Biological Monitors were present
 - 15 Native American Monitors were present
 - 4 Paleontological Monitors were present
 - 8 SWPPP Monitors were present
 - 2 UXO Monitors were present
- 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.
 - Deterrents were utilized to discourage bird nest building activities throughout the Project. Deterrents are determined depending upon the location and type of possible nesting areas and may include metallic flagging, compact discs, plastic owls, and the presence of biological monitors.

The table below demonstrates the construction progress to date:

OVERHEAD		
Agency	Foundations Completed	Towers Erected
Non-Federal	40 of 168	8 of 168
Bureau of Land Management	29 of 180	0 of 180
US Forest Service	0 of 76	0 of 76
UNDERGROUND		
Agency	Vaults Installed	Trenches Excavated & Backfilled
Non-Federal	33 of 40	12 of 42
SUBSTATIONS		
1 of 7		

Overhead

- Link 1
 - Ground resistance testing was conducted at EP219, EP220-1, EP244, EP332, EP334, EP336, EP337, EP338, EP343, and EP344.
 - Grading occurred at the following tower sites:
 - EP220, EP295, EP296, EP297, EP298, EP299, EP316-2, EP322, EP 334, EP340, EP343, and EP353.
 - Spur roads were repaired from:
 - EP331 to EP341
 - Grading of the existing access road occurred on:
 - SWPL access road from EP313 to EP334 and EP350 to EP355.
 - Micropile concrete cap preparation at EP223-1 and EP225-1.
 - Micropile testing and cleanup at EP223-1.
 - Conventional drilling at EP313, EP342, EP345, EP348, EP350, EP357, EP361, and EP363.

- Various foundation work (capping, curing, cage installation, etc.) at EP313, EP342, EP345, EP348, EP350, EP361, and EP363.
- Concrete pouring at EP313, EP316, EP342, EP345, EP348, EP350, EP361, and EP363.
- Concrete stripping and cleanup at EP335 and EP361.
- Tower assembly at EP211, EP215, EP219-1, EP244, EP316, EP318, EP320, EP330, EP331, EP335, EP336, EP337, EP339, EP340, and EP341.
- Final grade of pad site to original contour at EP220.
- Grounding was installed on EP214, EP219-1, EP220-1, EP342, EP345, EP348, EP361, and EP363.
- A gate was installed on the access road to EP240.
- Raven perching deterrents were installed on EP316-2, EP318-1, EP320-1, EP322-1, EP326, EP332, EP334, EP336, EP338, and EP340.
- PAR QC inspections were performed at EP220-1, EP243, and EP244.
- BMP crew performed maintenance at the following tower sites:
 - EP219-1 (hydromulch), EP220-1 (hydromulch), EP227, EP232-1, EP317, EP317TSAP, EP318, and EP341.
 - Cleaned rumble strips from Dunaway Yard to Helix Yard
- BMP crew performed maintenance on the following access roads:
 - EP295, EP297, EP298, EP299, and between EP290 and EP295, EP313 and EP316, and EP331 and EP341.
- Three unanticipated paleontological fossil discoveries were found in the vicinity of EP313, EP315 and EP316, and EP363. Samples were collected and the appropriate agencies were notified in accordance with the approved Paleontological Monitoring and Discovery Treatment Plan.
- Trained FTHL monitors and Visible Emission Evaluators (VEEs) were onsite as required.
- Telemagica 2011 was held in Jacumba on June 10, 11, and 12. SDG&E coordinated all activities to avoid the festival area.
- Link 2
 - Micropile test drilling at EP90-1 and EP91.
 - Micropile drilling at EP85-2 and EP86-1.
 - Micropile grouting at EP85-1 and EP86-1.
 - Anchor installation crew at EP79, EP80, EP84, EP85, and EP86.
 - Conventional drilling at EP89, EP92, and EP93.
 - Dust generated by helicopter activities at EP85-2 and EP86-1 was controlled with water.
 - BMPs were maintained at:
 - EP79 and from EP89 to EP93.
 - BMPs were maintained on access roads associated with:
 - EP89-1, EP90-1, EP91, EP92, and EP93.
- Link 5
 - BMP maintenance and installation from CP17 to CP24, CP25 to CP26, and CP40 to CP42.
 - Conventional drilling at CP18-1 and CP19-1.
 - Forms stripped and grounding installed at CP18-1.
 - Dust on the access road to CP18-1 and CP19 was controlled by the use of a water truck.
 - Micropile testing and drilling at CP42-1.
 - BMP crew conducted maintenance from:
 - CP17 to CP26 and CP40 to CP42.
 - BMPs were maintained on access roads associated with:
 - CP17-1, CP19-1, CP20, CP21, CP22-1, CP23, CP24-1, CP25-2, CP26, CP40-2, and CP42-1.

- 69kV
 - A UPC crew completed wire prep and setup work at the following locations within TL6916: Locations #25 through #27
 - A UPC crew completed the wire pull and started clipping wire at the following locations within TL6916: Locations #25 through #28.
 - A crew completed BMP maintenance at the following locations within the TL6916: Location #20 through #48.
 - A UPC crew completed wire prep work at the following locations within TL639: Locations #2, #3, and #4
 - A UPC crew installed hold-downs near Locations #64, #67, and #71.
 - A UPC crew completed wire prep work at the following locations: Location #76 and #80 of TL639, and Locations #2, #3, and #4, and #61, #65, #72, and #81.
 - A crew completed maintenance BMPs along the entire alignment of TL639 between Sycamore Substation and Scripps Ranch Substation, Locations #1 through #85. BMPs were also repaired on the access road near Location #76 of TL639
 - A PAR underground crew completed the repairs to the sidewalk at Rue Biarritz.
 - A UPC crew finished the sagging and clipping between Sycamore Substation and Hwy 52 on TL639. The reconductor work on this section of the tie line is now complete.

Suncrest Substation

- Rough grading on substation pad and access road continued.
- Installation of the culvert along the access road near Smith Property occurred.
- Protective barrier for a rock wren nest was installed prior to blasting.
- Drilling and blasting occurred in northeastern portion of pad.
- Excavation occurred in the northeastern portion of pad.
- Compacting in the south and southwestern portions of pad occurred.
- Backfilling and compacting (select fill) of permanent drain system on northwestern portion of pad occurred.
- Installation of a diverter box for the permanent drain system in western portion of pad occurred.
- Installation of permanent sediment basin in southern portion of pad continued.
- Prepping, staging materials, and beginning construction of the soil retention wall # 2 in southern portion of pad occurred.
- Setting grade in the northwestern portion of pad and prepping for foundations next week occurred.

Underground

- Potholing (including verifying conduit) at V6R, V12R to V13R, V14 to V15, and Viejas Creek Bridge.
- Transitions (Ins and Outs) at V2R, V5R, V17R, and V18R.
- Trenching between V3R and V5R, V6R and V7R, V9L and V10L, V13R and V14R, and V17R and V18R.
- Pre-drilling/drilling between V7R and V8R, and at V10R, V10L, and V19R.
- Saw cutting at V2R and V11L, and from V7R to V8R, V11R to V12R, V15R to V17R, and V18R to V19R.
- Pouring of encasement from V3R to V5R.
- Pre-racking manholes for ABB (and cleaning) at V16L.
- Proofing from V8R to V9R.

- Milling and setting plates at V3R, V4R, V5R, V6R to V7R, V9L to V10L, V17R, and V18R.
- Paving (including prep) near V2R, V4R to V5R, V9L to V10L, V13R to V14R, V17R, and V18R.
- Doweling at V13R to V14R.
- Bridge attachment and potholing at Viejas Creek Bridge.
- Cable pulling (and testing) from V3L to V4L and V11L to V12L.
- Jointing (splicing) at V17L.
- Grading at the Loritz Property and V19R.
- Striping at Alpine Boulevard.
- BMP maintenance at Bauer Bridge.
- Work on jacking/receiving pits and water tanks at the Highway 8 bore site (CalTrans bore site).

Substation Upgrades

- San Luis Rey
 - Roel Construction excavated 230 kV cable trench on north side of Bank 70 transformer. Concrete slurry was poured over the conduit inside the trench.
 - SDG&E continued working on 69 kV bus upgrades and disconnect installation in Bays 3 and 4.
- Encina
 - SDG&E worked on circuit breakers and disconnects in Bays 1 through 7.
 - Roel worked on excavating around pads for wire pull boxes between Bays 8 and 11.
 - Roel trenched between wire pull boxes to install conduit.
 - Roel formed and poured concrete at the new transformer pad in Bay 11 west.
 - Chula Vista Electric performed the wiring, conduit installation, and grounding under Roel Construction.
- Scripps
 - No work occurred during this reporting period.
- Sycamore
 - American Transformer Systems worked on filling the new transformer with oil and performing required testing.
 - Roel Construction worked on below grade in both Bays 21 and 26.
 - SDG&E crew worked on control house wiring in the 500kV portion of the yard. They also worked on tower assembly.
- Imperial Valley (IV)
 - SDG&E worked on control house wiring in the 500kV portion of yard. They also worked on tower assembly.

Construction Yards

- Alpine Construction Yard – Materials staging, steel deliveries, and weed clearing.
- Bartlett-Hauser Yard – Helicopter operations, tower assembly, and QC.
- Dunaway Yard – Tower assembly and QC.
- Hartung Yard – Tower assembly and QC.
- Helix Yard – Helicopter operations, tower assembly, and QC.
- IV Sub Yard – No work occurred at this location during this reporting period.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, tower assembly, and QC.
 - Heavy dust plumes are visible from non-project grading south of the Yard.
- Kreutzkamp Yard – No work occurred at this location during this reporting period.

- Plaster City Yard – Helicopter operations, tower assembly, and QC. Underground utilities were located outside the Yard. Visual screening was successfully installed.
- Rough Acres Yard – Helicopter operations, materials staging, and steel deliveries.
- S2 Yard – Tower assembly and QC. Visual screening was successfully installed.
- SWAT Yard – Tower assembly and QC.
- Sycamore Yard – No work occurred at this location during this reporting period.
- Thomas Yard – Materials staging and steel deliveries.
- Wilson Yard – Tower assembly and QC.

Wildlife Reporting

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

- Flat-tailed horned lizard (*Phrynosoma mcalli*) – One (1) dead flat-tailed horned lizard was found dead on the access road between the SWPL line and Dunaway Yard.
- San Diego coast horned lizard (*Phrynosoma blainvilli*) – One (1) adult female coast horned lizard was found dead in the southern section of the Suncrest Substation construction pad.

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

- Flat-tailed horned lizard (*Phrynosoma mcalli*) – One (1) flat-tailed horned lizard was relocated from the SWPL access road to an open sandy habitat approximately 400 feet north of the access road.
- Coast horned lizard (*Phrynosoma coronatum*) – Two (2) coast horned lizards were relocated; One (1) from the SWAT Yard and one (1) from Rough Acres. One (1) coast horned lizard also relocated from Rough Acres during the week of June 5 to June 11 and incorrectly reported under “non-listed” species.

The following non-listed (not Species of Special Concern) were relocated during construction activities this reporting period:

- Suncrest Substation – 1 California striped racer was relocated.
- Bartlett Hauser Yard – 2 deer mice and 2 gopher snakes relocated.
- Dunaway Road Yard – One zebra-tailed lizard was relocated.
- Kreutzkamp Yard – 1 western toad, 1 pacific tree frog, 2 tiger whiptail lizards, and 1 meadow vole were relocated.
- Rough Acres Yard – One gopher snake was relocated.
- S2 Yard – One gopher snake was relocated.

Spills/Hazardous Waste

- 69 kV
 - On 6/13/2011, <2 oz of hydraulic fluid was released at 9939 Rue Biarritz, San Diego, CA 92131. The release was from a spool truck transfer case. It was immediately contained and cleaned up. Reporting was made to the City of San Diego, Storm Water Reporting.
 - On 6/14/2011, approximately 4 ounces of motor oil was contained and cleaned up at the jack and bore site, ¼ mile west of Peutz Valley Road, Alpine, CA 91901. The cause of the release was from a private crew vehicle. Reporting was done to the CalTrans HazMat Manager.

Customer Complaints

- On 6/16/2011 Customer Complaint OH No. 7 was received from Public Affairs. Complaint regarding helicopter flights over residence. Flights can safely be rerouted and the Public Affairs Manager resolved the complaint with the caller.

Non-Compliances

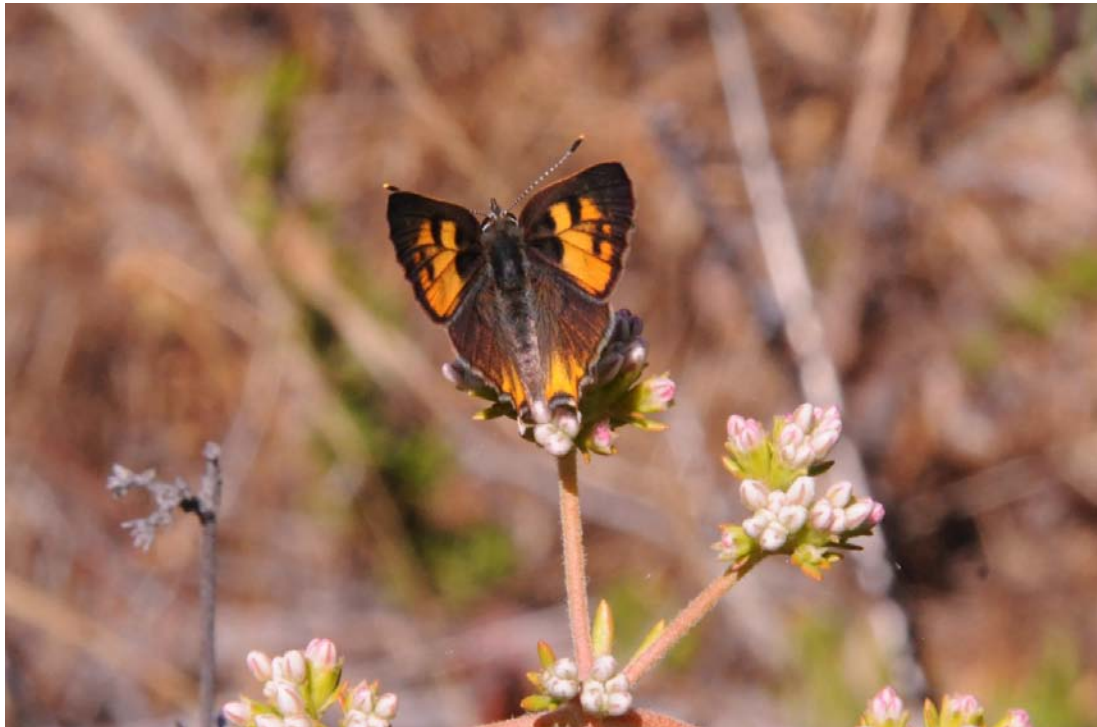
- No non-compliances were issued during this reporting period.

Variations and TEWS

- TEWS for a proposed road change connecting Jacumba Valley Ranch Yard to Bornt Farms was approved during this reporting period:

Weather

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



Hermes Copper Butterfly at the Suncrest Substation. *Photo courtesy of Alicia Hill.*



Roadrunner capturing a lizard on Link 4. *Photo courtesy of Jeff Smith.*



Loritz Property retaining wall. View to the south. *Photo Courtesy of Jeff Smith.*