

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.
- Flat-tailed horned lizard (FTHL) trainings were provided to any new crew members or monitors prior to construction per mitigation measure B-7b and in accordance with the FTHL Rangewide Management Strategy. During morning tailboard meetings, guidelines were provided about recognizing, protecting, and notification requirements for FTHL. FTHL information cards were made available to any crew members or monitors as needed.
- Barefoot banded gecko trainings were provided to crews prior to pre-construction activities per the California Department of Fish and Game (CDFG) 2081 Incidental Take Permit.

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.
- Staked and refreshed work areas at CP37-2, CP39, CP40-2, CP41-2, CP42-1, CP43-1, CP44-1, CP45-1, CP46-2, CP47-2, CP47A-1, CP48-2, CP49-1, CP50-1, CP51-2, CP52, CP53-1, CP62-2, CP63-3, CP64-2, CP65-1, CP66-2, CP67-3, CP68-1, CP69-2, CP70-3, CP71, CP72-2, CP73-2, CP74-2, EP22-1, EP23-2, EP24-1, EP25-2, EP26-1, EP27-1, EP42, EP43-1, EP44, EP45-1, EP47-2, EP112-3, EP113-5, EP114-2, EP115-1, and EP116-1.
- Set new tower location, RPs, and RTK leg profiles at EP1-4.
- The ESA Team conducted the following activities during this reporting period:
 - Installed ESAs around the spur road (AR EP346-N) leading into structure site EP346 and the entire Temporary Impact Area (TIA), on the SWPL access road between EP324 to EP326 after non-project off-road activity impacted several hundred feet of the ESA, around the site located between the northeast corner of the AER Yard and the access road leading into the yard, on the SWPL access road south of EP247, the spur road (AR EP247-N) leading into the structure site, around the footprint of the spur road (AR EP343E PS) leading into pull site EP343E and the TIA.
 - Refreshed the” Noxious Weed “buffers/signs installed from EP233 to EP237, including installing weed signs at EP234, and performed maintenance on all previously installed ESAs in this portion of the Project Area of Effect (PAE).
 - Refreshed and repaired previously installed ESAs and project signs from EP331 to EP348, EP342 to EP363, and EP317 to EP330.
 - Completed installation of the ESAs associated with EP247 (SWPL access road, spur road EP247-N, and the site boundary within or near the Temporary Impact Area).
 - Plastic safety caps and red bird tape were placed on the installed T-posts and yellow rope at EP242.

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 Archaeological Monitors were present.
 - 91 Biological 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, 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	52 of 168	18 of 168
Bureau of Land Management	48 of 180	28 of 180
Miramar	1 of 12	0 of 12
US Forest Service	0 of 76	0 of 76
UNDERGROUND		
Agency	Vaults Installed	Trenches Excavated & Backfilled
Non-Federal	37 of 40	26 of 42
SUBSTATIONS		
1 of 7		

Overhead

- Link 1
 - Grading at the following tower sites:
 - EP315-1 TSAP, EP346, and EP347.
 - Grading on the spur roads associated with tower sites:
 - EP346 and EP347.
 - Cactus salvage at EP269 pull site and EP279.
 - Barefoot banded gecko exclusionary fencing installed at EP280-2 and EP281.

- Micropile prep work at EP291.
- Micropile drilling at EP305-3, EP310, EP311-1, EP312, EP314, EP315-1, and EP317.
- Grouting at EP311-1, EP312, and EP314.
- Proof testing at EP312.
- Conventional drilling at EP303-2, EP304-2, EP308, and EP309.
- Caisson installation, welding, and demobilization at EP239.
- Welding and cleanup at EP240.
- Various foundation work (capping, curing, cage installation, grounding, etc.) at EP301, EP303-2, EP304-2, EP307-1, EP308, EP309, and EP348.
- Concrete pouring at EP294, EP301, EP303, EP304-2, EP308, EP346, and EP347.
- Form removal and cleanup at EP300-1, EP301, EP303-2, EP307-1, and EP308.
- Steel delivery at EP298, EP299, EP300, and EP302.
- Tower assembly (anti-climbing guards) at EP208, EP209, EP210, EP214, EP215, and EP217.
- Tower assembly at EP296, EP319, EP341, EP342, EP361, EP362, and EP363.
- Night work at EP295 and EP296.
- BMP crew performed maintenance at the following tower sites:
 - EP227, EP232-1, EP275, EP276, EP290, EP291, and from EP294 to EP363.
- BMP crew performed maintenance on the following access roads:
 - along the SWPL road from EP263 to EP324, EP342 to EP347, EP360, and EP361.
- Two unanticipated paleontological fossil discoveries were found in the vicinity of EP304 and EP309. 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.
- Link 2
 - Conventional foundations at EP89-1.
 - Sites clearance reviews with the CPUC at EP104-1, EP105-1, EP132-2, EP132 TSAP, EP135, EP135 TSAP, EP136, EP136 TSAP, EP137, EP137 TSAP, EP139, and EP139 TSAP.
 - BMPs maintained at/from:
 - EP26-1, EP42, EP84 to EP87, and EP89-1 to EP93.
- Link 5
 - Sites clearance reviews with the CPUC and USFS at CP69-2, CP99-2, and CP100-1.
 - Sites clearance reviews with the CPUC at CP104-1, CP104 TSAP, CP105-1, CP105 TSAP, and the proposed gate for the access road to CP49 and CP50.
 - Micropile preparation at CP21. Minor vegetation clearing occurred to allow for the appropriate fire clearance around the drill rig.
 - Micropile drilling at CP23.
 - Cleanup and demobilization at CP2-1, CP20, CP24-1, CP41-2, CP95-1, and CP96-1.
 - Conventional drilling and rebar installation at CP96-1.
 - Concrete poured and grounding installed at CP96-1.
 - BMPs maintained at:
 - CP17-1, CP20, CP21, CP22-1, CP23, CP24-1, CP25-2, CP26, CP29-1, CP40-2 to CP42-1, CP95-1, CP96-1, and CP95/96 pull site.
 - BMPs maintained on access roads associated with:
 - CP17-1, CP18-1, CP19-1, CP20, CP24-1, CP29-1, CP40-2 through CP42-1, CP95-1, and CP96-1.
- 69kV
 - Wire stringing, sagging, and clipping between Locations #61 and #83 on the TL639.

- Hand digging at Location #85 of the TL639 for pole replacement.
- Phasing was corrected at Location #48 and manhole U120984 on the TL6916.
- Reframing and hanging rollers from Locations #1 to #5 on TL6916 in preparation for wire pulling.
- Jumpers were removed from Location #5 of the TL6916.
- Phasing was changed at Location #25 of the TL6916.
- One unanticipated paleontological fossil discovery was found in the vicinity of Location #85 on the TL6916. Samples were collected and the appropriate agencies were notified in accordance with the approved Paleontological Monitoring and Discovery Treatment Plan.

Suncrest Substation

- Rough grading on the substation pad and along Bell Bluff Truck Trail.
- Excavating vaults for underground utilities along Bell Bluff Truck Trail.
- Crushing rock for select fill material.
- Hauling rock and soil from the northern portion of the pad to the southern portion of the pad.
- Hauling select fill material to the southern section of the pad.
- Pier drilling for foundations.
- Constructing forms and pouring concrete for foundation pads.
- Drilling and blasting on the northern and eastern sections of the pad.
- Installation of fiber rolls for slope stabilization on completed sections of the substation pad.
- Placing rip rap at storm drain and culvert outlets.

Underground

- Potholing/Redevelopment/Revitalization from V10R and at Alpine Boulevard (Alpine Elementary School).
- Trenching from V7R to Tavern Road, V9R to V10R, V10L to V11L, V11R to V13R, V14R to V15R, and V18R to V20R.
- Pre-drilling/drilling near V20R (Loritz Property).
- Pouring of encasement from V14R to V15R and V18R to V20R.
- Pre-racking manholes for ABB (and jointing/splicing) at V7L, V8L, and V10L.
- Proofing from V4R to V5R, V9L to V10L, and V17R to V18R.
- Milling and setting plates from V7R to V8R, Alpine Creek to V10L, and at V11R.
- Paving (including prep) near V8R to Tavern Road, V10L to V11L, V12R to V13R, and V14R to V15R.
- Vault completed at V11R.
- Cable pulling (and cable testing) from V5R to V6R and V9L to V10L.
- Foundation work at the Loritz Property.
- Grading and maintaining vegetation at Bauer Property (Slay Property).
- Installed conduit at Highway 8 bore site (CalTrans bore site).
- Cleaned Baker tanks at V6R and near V15R.
- Maintaining vegetation near V19R.
- Repairing storm drain at Tavern Road.

Substation Upgrades

- Encina Switchyard
 - Roel Construction worked on excavating around pads for wire pull boxes, conduit trenches, and transformer pads between Bays 2 through 11.
 - Roel hauled away dirt that was excavated during conduit and pad foundation work.

- Chula Vista Electric was onsite performing conduit installation and grounding.
- SDG&E crews worked in new control house installing wiring panels and disconnects in Bays 1 through 10.
- SDG&E crews worked between Bays 2 and 3 installing disconnects and wire drops as well as removing older lines.
- Alcorn worked on northern fence perimeter of the switchyard.
- Imperial Valley (IV)
 - SDG&E worked on control house wiring in 500kV portion of yard.
 - SDG&E and ETRAM crews worked on tower assembly and transportation.
 - SDG&E crew worked on cable in Bay 3 of the substation.
- San Luis Rey
 - SDG&E crew worked on wiring in control house.
 - Taihan crew worked on terminating newly pulled cable and SDG&E assisted with cable termination.
- Scripps
 - SDG&E crew worked on replacing bus and insulators on west side of substation.
- Sycamore
 - Roel Construction worked on below grade in both Bays 15 and 26.
 - Roel poured concrete in northwest corner of substation for new transmission pole.
 - Roel crew backfilled in Bay 21 to cover conduit and previously laid grounding.
 - Roel trenched in Bay 26 to prepare for laying grounding and conduit around pad sites.
 - Roel dug out an additional pad site and poured concrete south of 69kV rack.
 - HMT laid grounding and conduit in Bay 26.

Construction Yards

- AER Yard – Clearing and fence installation.
- Alpine Construction Yard – Materials staging, steel deliveries, and weed maintenance.
- Bartlett-Hauser Yard – Helicopter operations and weed maintenance.
- Dunaway Yard – Wire reel delivery and water supply for dust control.
- Hartung Yard – Tower assembly and prep for large crane demobilization.
- Helix Yard – Helicopter operations and staging for foundation work.
- IV Sub Yard – Water supply for vicinity work areas and access roads.
- Jacumba Valley Ranch (JVR) Yard – Staging steel and welding caissons.
- Kreutzkamp Yard – Tower assembly and large crane demobilization.
- Plaster City Yard – Helicopter operations, foundation work staging, materials deliveries, tower assembly, and water supply for vicinity dust control.
- Rough Acres Yard – Helicopter operations, materials staging, tower assembly, and weed maintenance.
- S2 Yard – Night work--tower assembly and materials deliveries.
- SWAT Yard – Tower assembly and materials deliveries.
- Sycamore Yard – Helicopter operations and foundation work staging.
- Thomas Yard – Materials staging and steel deliveries.
- Wilson Yard – Staging materials for Suncrest Substation and water delivery to water supply pond.

Wildlife Reporting

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

- Barn owl (*Tyto alba*) – One (1) barn owl was found dead near the Sycamore Substation. The owl had been observed along the road earlier in the day and appeared to be ill; no evidence that the illness or death was Project related.

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

- Flat-tailed horned lizard (*Phrynosoma mcalli*) – Eight (8) flat-tailed horned lizards were relocated in suitable habitat and away from construction activities; six from the dirt road that runs from Highway 98 to the IV Substation, one near the Dunaway Construction Yard, and one near the SWPL access road near EP355.
- Coast horned lizard (*Phrynosoma blainvillii*) – Two (2) juvenile coast horned lizards were relocated from the SWAT Yard.
- Two-striped gartersnake (*Thamnophis hammondi*) – Two (2) two-striped gartersnakes were relocated from the work area at Kreuzkamp Yard.
- Coronado skink (*Plestiodon skiltonianus interparietalis*) – One (1) Coronado skink was relocated from the work area at Wilson Yard.

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

- EP295 – 1 desert horned lizard and 1 scorpion were relocated from the work area.
- EP296 – 1 scorpion was relocated from the work area.
- AER Yard – 2 western fence lizards, 2 desert spiny lizards, and 1 tiger whiptail lizard were relocated from the work area during vegetation clearing operations.
- Kreuzkamp Yard – 1 western skink was relocated from the work area and 1 Southern Pacific rattlesnake was relocated from the access road.
- Plaster City (Night Shift) – 1 Colorado desert sidewinder was relocated from within the construction yard.
- S2 Yard (Night Shift) – 2 giant desert scorpions, 9 Colorado desert sidewinders, 6 spotted leaf-nosed snakes, 1 shovel-nosed snake, and 1 western banded gecko were relocated from the project area to avoid impacts from construction.

Spills/Hazardous Waste

- No reportable spills or releases occurred during this reporting period.

Customer Complaints

- No customer complaints or landowner concerns were recorded during this reporting period.

Non-Compliances

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

Variations and TEWS

- No variations or TEWSs were 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.



Flat-tailed horned lizard relocated from the vicinity of IV Substation. *Photo courtesy of Charles Vettes.*



Baby flat-tailed horned lizard relocated in Imperial Valley. *Photo courtesy of Amanda Castro.*



Desert spiny lizard relocated from site of new AER Yard. *Photo courtesy of Randy Burke.*



Cholla salvage near Mountain Springs Grade. *Photo courtesy of Randy Burke.*



New weed wash station at San Vicente. *Photo courtesy of Kham Slater.*