

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.
- An Environmental Orientation for new Project monitors was held on Monday and Tuesday.

### **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, which is submitted to the agencies weekly.
- Work limits and TSAPs were staked at EP45. Gate locations were staked at CP9-1 and CP17-1. The Cedar Creek ALTA was staked as well.
- Environmentally sensitive areas (ESAs) were staked at structures EP 315-1, EP321, and EP338 (refreshed). Water resources were staked at EP317, EP320, EP322, EP340, EP341, and EP343. ESAs and water resources were staked at structures EP 313, EP321, EP 336, EP 344, EP345, and EP 347. Water resources were identified and photo documented from EP316 to EP323. Preconstruction photos were taken and cultural ESAs logged at EP327-1, EP328-1, EP329-1, EP330-1, EP331, EP332, EP333, EP334, EP335, EP336, EP337, EP338, EP339/EP339 pull site. Preconstruction photos were taken, waterbodies identified, and cultural and waterbody ESAs logged at EP306, EP307, EP308, EP309, EP310, EP311-1, EP312, EP313/EP313 pull site.

### **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
  - 45 Biological Monitors were present
  - 8 Environmental Monitors were present
  - 10 Native American Monitors were present
  - 5 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 EP 243 and EP 244.
  - Conventional structure assembly at EP214, EP215, and EP219.
  - Micropile drilling at EP239-1 and EP253-2.
  - Micropile proof testing at EP253-2.
  - Micropile trimming at EP253-2.
  - Micropile concrete cap prep at EP232-1, EP227, and EP226.
  - Cleanup at EP235-1.
  - Digging and setting new poles at Jacumba 12kV.
  - Access road work at EP220 and EP239.
  - Desert Rose Ranch House removal was completed.
- Link 2
  - Micropile drilling at EP80 and EP81.
- Link 5
  - Work on the 69kV Reconductoring Line on Tie Lines (TL) 6916 and 639 continued. On TL 6916, trenching, laying conduit, and pouring occurred for approx. 100' on the underground at Rue Biarritz. The foundation for wood to steel at structure 973032 was completely finished. On TL 639, pole 872359, located at Tierrasanta Blvd, was relocated.

### Suncrest Substation

- Link 3
  - Rough grading continued on the pad.
  - The eastern hill and two rock outcroppings in the center of the pad were drilled and blasted.
  - Rock and soil was excavated from several cut areas and hauled to the southern portion of the pad and compacted.
  - Rough grading was conducted along Bell Bluff Truck Trail to re-establish the V-ditches ahead of the rain event.
  - BMP maintenance and installation continued along Bell Bluff Truck Trail and the pad prior to the rain event. BMP maintenance continued through the rain event and no major deficiencies were observed by the SWPPP monitor.
  - Setup of the office trailers continued and rock was placed in the parking areas as per Variance #7.
  - Installation of the permanent drainage system continued and two separate concrete pours for the dissipater and cleanout access associated with the drainage system were conducted.

### Underground

- Link 4
  - Potholing at Alpine Creek.
  - Excavating at V6R and V11L.
  - Ins and outs at V7L, V11L, and V15L.
  - Trenching between V7L and V9L, V12L and V13L, and along Alpine Blvd. from 800 feet west of Tavern Road, and V19L.
  - Pre-Drilling and drilling at V7L, V4L to V5L, V6L, V9R, and V17R.

- Encasement pouring between V14L and 300 feet east of Honey Hill Ranch Road, between stations 144+00 and 129+00, and from stations 111+00 to 129+00.
- Pre-racking manholes and cleaning for ABB at V4L, V5L, and V13L.
- Proofing at V18L.
- Milling and setting plates between V6L and V7L, V9L, V12 to V13, V19L, Alpine Blvd. 800 feet west of Tavern Road, and 1900 feet west of South Grade Road to Bay Meadows Road.
- Paving between V14L to South Grade Road, between station 193+00 and 209+00, and around V6R and V11L.
- Vaults set at V6R and V11L.
- Dewatering at V11L.
- 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 #1 and Bay #3 for cable vaults to tie into the control building.
  - Concrete pads and conduit in were worked on in Bay 1 and Bay 3.
  - Steel structures were erected 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.
  - Crews worked on relocating the fire protection water valve and piping.
  - Construction of a new fence around the entire Encina switchyard began.
- San Luis Rey Substation
  - Conventional foundations were drilled.
  - Conventional structure assembly occurred.
  - Upgrades occurred on the 69KV bus.

### Construction Yards

- Jacumba Valley Ranch (JVR)
  - Material staging and tower assembly continued.
  - The yard was utilized for helicopter activities.
- Helix Yard
  - Material staging and tower assembly continued.
  - Fencing/signage new bird buffers and ESAs
- Hartung Yard
  - Access road improvements occurred.

- Material staging and tower assembly continued.
- Kreutzkamp Yard
  - Material staging and tower assembly continued.
  - Fencing/signage new bird buffers and ESAs
  - Access road improvements occurred.
  - BMP maintenance continued.
- SWAT Yard
  - Fencing/signage new bird buffers and ESAs
  - Access road improvements occurred.
  - BMP maintenance continued.
- Bartlett-Hauser Yard
  - Material staging and tower assembly continued.
  - BMP maintenance continued.
- Wilson Yard
  - Material staging and tower assembly continued.
  - Fencing/signage new bird buffers and ESAs
- 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
  - Preconstruction walk-through occurred.

### Wildlife Reporting

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

- Western spadefoot toad (*Spea hammondi*) One (1) at Alpine CY on road into yard.
- Two-striped garter snake (*Thamnophis hammondi*) Two (2) at Kreutzkamp Yard, on the road; One (1) at Hartung Yard, in yard.
- Lesser Goldfinch (*Carduelis psaltria*) One (1) at IV Substation, not from construction activity.

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

- Coronado skink (*Plestiodon skiltonianus interparietalis*) One(1) at Hartung Yard.
- Two-striped garter snake (*Thamnophis hammondi*) One (1) at Kreutzkamp Yard.

### Spills/Hazardous Waste

- Link 4: 4/5/2011, a release of less than 2 ounces of gasoline near the corner of Alpine Blvd. and Tavern Road was immediately contained and cleaned up. 4/6/2011, a release of approximately 2 ounces hydraulic oil near 925 Alpine Blvd. was immediately contained and cleaned up. 4/7/2011, a release of approximately 8 ounces of hydraulic fluid near 1620 Alpine Blvd., was immediately contained and cleaned up. Reporting for all of the above was made to the County of San Diego, Storm Water Hotline.

- 69 kV Reconductoring: 4/8/2011, a release of approximately 2 ounces of diesel fuel at 9990 Rue Biarritz was immediately contained and cleaned up. Reporting was made to the City of San Diego, Storm Water Reporting.

### **Non-compliances**

Project Memorandum #4 was issued on April 6, 2011. SDG&E feels this Memorandum is unwarranted and is in discussion with the agencies regarding this issue.

### **Variations**

- Variance #8 was approved and allows utilization of an alternative access route to structure EP27 on Link 2, which is a road currently used by the City of San Diego.
- Variance #9 was approved and allows construction activities that must occur outside of the days and/or hours currently allowed by local ordinances. SDG&E and its contractors will continue to coordinate with the local jurisdiction, apply for and obtain the appropriate approvals/variances for work that must occur outside of the days and/or hours allowed for the Project, and submit those approvals/variances to the CPUC for record documentation prior to commencing this work.

### **Weather**

During this period, a storm event began on 4/7/2011 continuing into 4/8/2011. Pre-storm inspections were conducted on 4/6/2011 and early 4/7/2011. BMP installation or maintenance was conducted where needed. Post-storm inspections were conducted on 4/8/2011. Cumulative precipitation totals are as follows: Alpine HQ, 0.3 of an inch; Alpine CY, 0.3 of an inch; Encina Switchyard, 0.2 of an inch; Link 1, SWPPP 1, 0.05 of an inch; SWAT Yard, 0.55 of an inch, Kreutzkamp Yard, 0.3 of an inch; Bartlett/Hauser Yard, 0.3 of an inch; EP 80-93, Link 2, SWPPP 2, 0.3 of an inch; Suncrest, Link 3, 0.6 of an inch; Link 4, UG, 0.3 of an inch; Link 5, CP17-CP24, 0.15 of an inch, CP25-CP31, 0.15 of an inch, CP44, 0.2, 69kV 0.1 of an inch; Rough Acres, 0.1 of an inch.