

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 and PBS 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.
- CPR/AED/First Aid training occurred on February 17, 2012.
- Communications training occurred on February 16, 2012, and February 17, 2012.

Pre/Post Construction

- Avian biologists surveyed for nesting birds prior to work commencing in inactive areas. For sites off of USFS lands, the results of those surveys were submitted to the CPUC/BLM biologist for review and concurrence. For USFS lands, the results of those surveys were submitted to the USFS for review and concurrence. For any active nests found, a buffer was established and no construction activities were permitted within the buffer area without consultation with the CPUC/BLM/USFS biologist. Active nests were mapped and monitored for success or failure and updated on the nest monitoring log.
- Staked, flagged, and refreshed work areas near CP36, CP37, GS-NF-1, GS-NF-2, and GS-NF-3.
- Footing QA/QC at EP17, EP18, EP19-1, EP21-1, EP22-1, EP23-2, EP24-1, EP33-1, EP34-1, EP77, EP78, EP78A, EP75-2, EP76-2, EP103-2, EP109-1, and EP120A.
- Post construction impact surveys near EP42, EP74, EP124, EP125, EP170, EP171, EP172, EP173, EP175, EP176, and EP177.
- Surveyed concrete anchor locations at EP62A-1, EP75-2, EP79, EP80, EP83, EP88-2, EP106-3, EP223-1, EP224-1, and EP254-3.
- Additional signs and stakes were repaired as needed. Due to traffic and narrow access roads, broken stakes and run over signs were replaced. Maintenance (e.g., writing over faded signs, reinforcing signs/stakes in the ground, replacing zip ties, and adding additional signs) was performed as needed. The ESA Team conducted the following activities during this reporting period:
 - Repaired, refreshed, replaced, and maintained the previously installed project signs and ESAs near CP16, CP28, CP35, CP40, CP57, CP77, EP24, EP73, EP74, EP79, EP84, EP85, EP105, EP112, EP113, EP130, EP171, EP187, EP190, EP205, EP220, EP247, EP338-PS-E to EP338, Old Highway 80, and Cameron Truck Trail to EP116 access road.
 - Installed “No Project Access” signs near the entrance to the footpath leading to EP119.

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. On average, the following number of monitors were on the Project throughout the week:
 - 134 Biological monitors.
 - 3 Archaeological monitors.
 - 3 Native American monitors.
 - 8 SWPPP monitors.
- 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	Wire Installed
Non-Federal	152 of 169	113 of 169	67 of 169 CP76 to CP88 EP183, EP184, EP185
Bureau of Land Management	161 of 179	128 of 179	102 of 179 EP178 to EP182 EP186, EP187
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	35 of 76	17 of 76	17 of 76
UNDERGROUND			
Agency	Vaults Installed	Trenches Excavated & Backfilled	
Non-Federal	40 of 40	42 of 42	
SUBSTATION UPGRADES			
3 of 7 Completed			
SUNCREST SUBSTATION			
93 Percent Complete			

Overhead Construction

- Link 1
 - Final grading at EP215 pull site north, EP219-1 pull sites, and EP342 to EP352 (including pull sites).
 - Micropile cap work at EP146, EP233-1, and EP234-1.
 - Tower assembly at EP172 to EP174, EP190-2, EP191-2, EP194-3, EP195-2, EP221A, EP234-1, EP236-1, EP246, and EP249-1.
 - QA/QC at EP225-1, EP229-1, and EP313 to EP351.
 - Mobilization of equipment to EP170.
 - Guard structure poles and netting removed at EP219-1.
 - Sock line flown and travelers installed from EP170 to EP177.
 - Sock line, haulback, and conductor flown from EP178 to EP187-2.
 - OPGW sock line flown from EP178 to EP187-2.
 - Sagging from EP178 to EP187-2.
 - Clipping in at EP186-1.

- Line tension adjustments at EP357 and EP361.
 - Punchlist work at EP315-1, EP324 to EP338, EP358, and EP359.
 - BMP installation/maintenance at:
 - EP149-1 to EP152-2, EP170 to EP175 (including EP170 pull site east), EP173-1-E to EP204-3-E, EP181, EP183, EP185-1, EP187-2 pull site to EP255-2 (including guard structures and pull sites), EP314, and EP315-1.
 - Weed abatement at EP256, HMMP site near EP265-2, EP290 to EP304-2, and EP306-1 to EP312 (including the pull site).
 - Trained FTHL monitors and Visible Emission Evaluators (VEEs) were onsite as required.
- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-A, Thursday-C, Friday-C, and Saturday-C. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Vegetation maintenance at EP130.
- Access road construction at EP11-3-N.
- Driveway work at EP105-2-E-A.
- Gate work at EP116-1 and EP125-N.
- Site prep at EP11-3, EP12-3, EP13-3, EP14-1, EP15, EP16-1, EP17, EP18, EP20-2, EP21-1, EP23-2, EP24-1, EP28-3, EP29-3, EP33-1, EP34-1, and EP37-2.
- Micropile drilling at EP108-2, EP110-2, EP114-2, EP116-1, EP117-2, EP122-1, and EP128.
- Micropile capping crew at EP6-1, EP7-1, EP8-2, and EP22-1.
- Pull test at EP8-2.
- Ground resistance testing at EP9-1.
- QA/QC at EP13-3, EP17, EP28-3, EP29-2, EP108-2, and EP116-1.
- Tower assembly at EP113-5.
- Concrete anchors placed at EP7-1, EP8-1, EP19-1, EP20, EP23-2, EP108-2, EP113-5, EP114-5, EP115-1, EP121-3, and EP129.
- EVAC route reconnaissance at EP5, EP6, EP7, and EP29.
- BMP maintenance at:
 - EP9-1, EP9-1-N, EP11-3-N, EP11-3, EP12-3, EP15, EP21-1 to EP24-1 (with pull sites), EP33-1, EP34-1, EP35-1, EP36-1, EP57-2, EP58-2, EP112-3, EP112A-1, EP113-5, EP113-5 pull site, EP115-1, EP116-1, EP121A-1, EP123-1, EP124, EP126-1 to EP131, EP125 pull site, EP130-1 pull site, EP138-2-E-A, EP138-2-E-B, EP141-E-B, EP141-E-C, GS-USFS-2, GS-USFS-3, GS-USFS-4, and GS-USFS-5.

BLM Land

- Vegetation maintenance at EP48 and EP102A-1.
- Grading at EP103A.
- Access road construction at EP68.

- Boulder breaking at EP68.
- Micropile drilling at EP102A-1 and EP103-2.
- Grouting at EP101-2 and EP102-3.
- Ground resistance testing at EP39-1.
- Steel delivered to EP95.
- Tower assembly at EP94, EP96, EP97, EP98-1, EP99-2, and EP103A.
- Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) at EP101-2 and EP102A-1.
- Arroyo toad fencing installed and/or maintained from EP76-2 to EP78A.
- BMP maintenance at:
 - EP39-1 to EP42 pull site, EP47-2 to EP69 (and guard structures), EP70 to EP74-1, EP91 pull site, EP94 to EP99-2 pull site, EP101-2 pull site, and EP101-2 to EP103A.

Non-Federal Land

- Grading at EP105-2.
 - Access road construction at EP66-E.
 - Pre-blast drilling at EP65-1.
 - Conventional drilling at EP67.
 - Concrete anchor blocks set at EP86-1.
 - Concrete poured at EP66 and EP67.
 - Steel cages set at EP66.
 - Ground resistance testing at EP26-1, EP27-1, EP30-2, and EP32-1.
 - Equipment mobilization at EP119-2.
 - Site prep at EP67.
 - Micropile drilling at EP119-2.
 - Micropile cap work at EP80, EP81, and EP86-1.
 - Grouting at EP106-3.
 - Tower assembly at EP26-1, EP30-2, and EP104-2.
 - Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) at EP106-3 and EP107-3.
 - Steel delivered to EP93.
 - QA/QC at EP26-1, EP27-1, and EP30-2.
 - Cattle guards installed from EP76-2 to EP78A.
 - Arroyo toad fencing installed and/or maintained at EP76-2 and EP78A.
 - BMP installation/maintenance at:
 - EP11-3-N, EP25-2, EP26-1, EP27-1, EP30-2, EP31-1, EP32-1, EP52-1, EP54-1, EP62A-1, EP65-1, EP66, EP67, EP67-PS-E, EP67-PS-W, EP80 to EP85, EP83 pull site, EP86-1 to EP89-1, EP89-1 pull site, EP91 to EP93, EP91 pull site, EP104-2, EP105-2, EP106-3, EP107-3, GS-NF-14, GS-NF-15, GS-NF-16, GS-NF-17, GS-NF-18, GS-NF-23, GS-NF-24, GS-NF-25 and GS-NF-28.
- Link 5
 - During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-A, Thursday-C, Friday-C, and Saturday-C. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- BMP maintenance at CP100-1-N and CP100-1.

BLM Land

- Micropile grouting at CP60.
- Tower assembly at CP60.

Non-Federal Land

- Grading at CP95-1.
- Access road construction at CP49-1-PS-N.
- Micropile drilling at CP33-2 and CP36-1.
- Grouting at CP32-2, CP34-2, CP35-2, CP36-1, CP43-1, CP47-2, CP63-3, and CP64-2.
- Micropile trimming at CP32-2, CP33-3, CP36-1, CP43-1, and CP47-2.
- Micropile cap work at CP32-2, CP33-2, CP35-2, and CP47-2.
- Pull test at CP27, CP28-1, and CP31-2.
- Tower assembly at CP26, CP27, CP28-1, CP31-2, CP39, CP44-1, CP45-1, CP46-2, CP47-2, CP48-2, CP49-1, CP60, CP62-2, CP63-3, and CP64-2.
- Cleanup at CP27, CP28-1, CP29-1, CP52, and CP53-1.
- Ground rod installation at CP42-1, CP47-2, CP47A-1, CP63-3 and CP74-2.
- Ground rod pre-test at CP62-2.
- Anchor blocks set at CP42-2, CP46-2, and CP49-1.
- Jumpers installed at CP75-1, CP83, and CP86.
- Wire set up at CP23-1 pull site.
- Conductor separated and spliced at CP87-1/CP88-1 riser poles.
- Clipping in at CP75-1, CP76-1, CP77, CP78-2, CP80-2, CP81-1, CP82-1, CP85-1, CP86, CP87-1, and CP88-1.
- Deadend work at CP83 and CP86.
- Marker ball installation and sagging from CP75-1 to CP88-1.
- BMP installation and maintenance at:
 - CP15-1 to CP31-2, CP23 pull site, CP27 to CP36-1, CP37-2 to CP44-1, CP48-2 to CP49-1, CP53-1, CP54-1 to CP65-1, CP72 to CP84, CP95/CP96 pull site, CP98-1, and CP99-N.

Miramar

- Access road construction at CP10 and CP11-1.
- Marker ball installation from CP3 to CP6.
- BMP installation and maintenance from CP3 to CP15-1 (including guard structures).

12kV

- Reconnected at CP75-1 to CP78-2.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Grading – Bauer Property.
- Cooling Lines – Caltrans Bore Site.
- Raised Necking & Paving – V2R, V11R, V14R, and V19L.
- BMP Maintenance – Entire ROW.
- Gate Install – Loritz Property.
- Grouting – V1L, V1R, V2R, V11R, V14R, V15R, V17L, and V19R.

- Fiber Phase Comparison – V3R, V4R, V5R, V6R, V7R, V8R, V9R, V12L, V14L, V15L, V16L, V17L, V18L, V19L, and V20R,.
- Prep Manhole – V11R.
- Fiber Splicing – V15L, V20L, and V20R.
- Sending & Receiving – CalTrans Bore Site.

Suncrest Substation Construction (Link 3)

- Crushing class 2 base and select fill material.
- Grounding grid installation activities in the northern portion of the pad.
- Installing insulators and conductors in the 230kV and 500kV yards.
- Wiring inside the control shelter.
- Fence installation activities around the substation perimeter.
- Finish grading around the maintenance shelter and class 2 base placement.
- Paving along Bell Bluff Truck Trail above the substation pad.
- Placing reinforcing rebar in the brow ditch on the entrance road to the substation pad.
- BMP maintenance along Bell Bluff Truck Trail.
- Erecting steel frame for the warehouse.
- Finished second coat of paint on water tank.
- Pouring chlorination/pump foundation at water tank.

Substation Upgrades

San Luis Rey:

- Wiring crews working inside the control house.

Encina:

- SDG&E relay crews performing wiring near the control house.
- Roel building forms outside the 138kV switchyard and organizing materials for next phase of work.
- Security camera contractor working on wiring in the 230kV switchyard.

Imperial Valley:

- No Sunrise-related work.

Sycamore:

- SDG&E Kearny Mesa crews building disconnects and bus for 69kV upgrades in southern portion of substation.
- Several ends of bus have been sealed or blocked to prevent birds from building nests.
- United Power Company onsite looking at future wire stringing sites in bays 21 and 26.
- Crew building A-frame structures to install near transformer.
- SDG&E construction crew working on circuit breakers in bay 26.
- SDG&E transformer crew working on new 230/138kV transformer near gate entrance which is not a Sunrise-permitted project.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, water staging, tower assembly, and staging for road, micropile, QC, and BMP crews.
- Helix Yard – Helicopter operations, weed wash station, dust suppression, vegetation maintenance, hooking, tower assembly, and staging for micropile, assembly, habitat assessment, wire, erection, BMP, and QC crews.

- El Monte Yard – Helicopter operations, vegetation maintenance, staging for tower hooking, assembly, and wire crews.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, and staging for ESA, driveway, road, BMP, gate, and conventional foundation crews.
- Wilson Yard – Helicopter operations, staging for micropile and QC crews.
- SWAT Yard – Water staging, helicopter operations, dust suppression, tower assembly, weed wash station, and staging for erection, micropile, road, conventional foundation, QC, and BMP crews.
- Barrett Canyon Yard – Staging for BMP crews.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for road, conventional foundation, erection, micropile and BMP crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, tower assembly, repair access road BMPs and staging for hauling, micropile, erection, toad survey, QC, vegetation assessment, bird survey, and BMP crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, concrete block delivery, BMP maintenance and staging for road, gate, and micropile crews.
- McCain Valley Yard – Helicopter operations, water staging, dust suppression, weed wash station, and tower assembly.
- Rough Acres Yard – Helicopter operations, water staging, dust suppression, tower assembly, staging for equipment/materials, weed wash station, and staging for erection, QC, conventional assembly, wire, habitat assessment, road, micropile, and BMP crews.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, tower assembly, and staging for QC, habitat assessment, HMMP implementation, BMP, and erection crews.
- AER Yard – Restored.
- Fromm Yard – Shut down due to end of big horn sheep work window.
- S2 Yard – Site restoration, seeding, SDG&E film crews, and staging for BMP, habitat assessment, and road crews.
- Plaster City Yard – Water staging, dust suppression, and staging for road and BMP crews.
- Dunaway Yard – Restored.
- Imperial Valley Yard – Restored.

Wildlife Reporting

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

- No listed or Species of Special Concern were found dead during this reporting period.

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

- Silvery Legless Lizard (*Anniella pulchra*) – Three (3) silvery legless lizards were relocated; one (1) from EP14-1, one (1) from EP104-2, and one (1) from EP109-1.
- Coast Horned Lizard (*Phrynosoma blainvillii*) – One (1) coast horned lizard was relocated from EP12-3.

Spills/Hazardous Waste

- Minor leaks, drips, and releases on USFS lands were submitted to the USFS in a weekly HazMat log.

- No reportable spills occurred outside the USFS during this reporting period.

Customer Complaints

- No customer complaints were received during this reporting period.

Non-Compliances

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

Variances and TEWS

- No variiances or TEWS were approved during this reporting period.

Weather

- Rain Events occurred on February 16, 2012, and February 17, 2012.
 - Post-storm totals for February 16, 2012:
 - EP2 to EP72, SWAT Yard, and Kreuzkamp Yard – 1.20 inches
 - Suncrest Substation – 1.50 inches
 - Link 4 – 0.90 inches
 - CP101 to CP109 – 1.50 inches
 - CP2 to CP24 and Sycamore Yard – 0.65 inches
 - CP25 to CP70 and Helix Yard – 0.90 inches
 - CP71 to CP86 and El Monte Yard – 1.08 inches
 - Post-storm totals for February 17, 2012:
 - Thing Valley Yard, Bartlett-Hauser Yard, and EP73 to EP143 – 0.90 inches
 - Alpine HQ and Alpine Storage Yard – 0.90 inches
 - CP98 to CP100 – 1.30 inches
 - Encina Substation – 0.45 inches
- BMPs were installed or maintained as needed throughout Project areas. In accordance with the Construction General Permit (CGP), daily site BMP inspections, photos, and appropriate BMPs for stormwater and non-stormwater were implemented. Any sites requiring repairs began within 72 hours of identification.



Redtail hawk perching on vertical mulch at Dunaway Yard. *(Photo courtesy of Don Spires)*

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 02/18/2012

Date	Location	Observed		Injured		Relocated		Dead	
		Day	Night	Day	Night	Day	Night	Day	Night
	Post RCLMP*								
11/1/2011	Dunaway CY					1			
10/13/2011	AR to EP354							1	
9/20/2011	AR btwn EP357 and EP358							1	
9/19/2011	AR btwn EP352 and EP353	1							
9/12/2011	EP325					1			
9/9/2011	AR to EP363	1							
9/6/2011	AR to EP360/361					1			
9/6/2011	EP360					2			
9/6/2011	EP359					1			
9/3/2011	SWPL AR to EP324					1			
9/3/2011	SWPL AR to EP342					1			
9/3/2011	SWPL AR to EP345							1	
9/3/2011	SWPL AR to EP344 and EP345					1			
8/31/2011	EP324					1			
8/31/2011	SWPL AR to EP325-2					1			
8/30/2011	SWPL AR to EP346 and EP347					1			
8/29/2011	SWPL AR to EP353 and EP354							1	
8/29/2011	SWPL AR to EP324							1	
8/27/2011	EP349					1			
8/25/2011	EP360							1	
8/25/2011	Btwn EP320/321					1			
8/24/2011	SWPL AR near EP346					1			
8/23/2011	EP349					1			
8/21/2011	SWPL AR btwn EP344/345					1			
8/21/2011	SWPL AR to EP345							1	
8/19/2011	SWPL AR to EP339					1			
8/20/2011	SWPL AR to IV Sub							1	
8/20/2011	SWPL AR btwn EP346/347					1			
8/19/2011	EP338/339 Pullsite					1			
8/19/2011	EP355/356 Pullsite					1			
8/18/2011	EP347					1			
8/18/2011	SWPL AR to EP353							1	
8/11/2011	SWPL AR by EP348					1			
8/11/2011	EP348/EP349 Pullsite					1			
8/10/2011	EP347					1			
8/8/2011	SWPL AR to EP351					2			
8/6/2011	BLM AR near EP327							1	
8/1/2011	IV Substation Yard	1							
8/1/2011	EP325					1			
8/1/2011	AR to EP345					1			
7/30/2011	EP322					1			
7/28/2011	EP355/EP356 Pullsite					1			
7/27/2011	Near EP316-2	1							

Flat Tailed Horned Lizard Counts - Week Ending 02/18/2012

Date	Location	Observed		Injured		Relocated		Dead	
Post RCLMP*		Day	Night	Day	Night	Day	Night	Day	Night
7/26/2011	SWPL AR to EP344	1							
7/26/2011	EP347					1			
7/26/2011	AR to IV Sub					1			
7/25/2011	AR to IV Sub					1			
7/25/2011	AR to IV Sub					1			
7/25/2011	AR to IV Sub					1			
7/22/2011	AR to IV Sub					1			
7/21/2011	EP360					1			
7/21/2011	AR to EP326					1			
7/19/2011	SWPL AR to IV Sub	1							
7/19/2011	EP353					1			
7/19/2011	AR to Dunaway CY					1			
7/18/2011	EP318					1			
7/17/2011	EP355					1			
7/15/2011	EP359	1							
7/15/2011	EP352	1							
7/15/2011	EP350	1							
7/14/2011	Spur Rd to EP355							1	
7/14/2011	EP322	1							
7/13/2011	EP357	1							
7/12/2011	EP344	1							
7/12/2011	SWPL AR btwn EP348/345							1	
TOTAL POST RCLMP		12	0	0	0	43	0	12	
Prior to RCLMP		Day		Day		Day		Day	
7/11/2011	AR to EP352					2			
7/11/2011	AR to EP345					2			
7/10/2011	EP358					1			
7/10/2011	SWPL AR to EP354					2			
7/9/2011	AR to EP330	1							
7/8/2011	Spur Rd. to EP352	1							
7/7/2011	EP324					1			
7/7/2011	EP355					1			
7/6/2011	SWPL AR btwn EP362/363							1	
7/5/2011	EP354					1			
7/1/2011	AR to EP353	1							
6/30/2011	AR between EP310/311							1	
6/30/2011	EP358	1							
6/30/2011	EP360	1							
6/30/2011	AR to EP312							1	
6/30/2011	EP360							1	
6/27/2011	EP350					1			
6/27/2011	SWPL AR to IV Substation	2							
6/26/2011	IV Substation					1			

Flat Tailed Horned Lizard Counts - Week Ending 02/18/2012

Date	Location	Observed	Injured	Relocated	Dead
6/25/2011	SWPL AR to EP361	1			
6/24/2011	EP359			1	
6/23/2011	SWPL AR to EP360			2	
6/22/2011	SWPL AR to EP355			1	
6/20/2011	EP356	2			
6/20/2011	SWPL AR to EP359	1			
6/20/2011	Near EP356	2			
6/20/2011	AR between EP358/357				1
6/18/2011	AR to Dunaway CY				1
6/17/2011	Near EP322	1			
6/7/2011	Near EP355	1			
6/7/2011	EP361			1	
6/7/2011	AR btwn EP343/EP344				1
6/7/2011	AR between EP324/325				1
6/6/2011	SWPL AR btwn EP344/EP345			1	
6/3/2011	EP359			1	
6/3/2011	SWPL AR EP362			1	
6/2/2011	AR to EP358			1	
6/2/2011	SWPL AR to EP316-2				1
6/2/2011	AR east of EP325				1
6/1/2011	SWPL AR btwn EP319/EP320			1	
6/1/2011	SWPL AR to EP318			1	
5/31/2011	SWPL AR btwn EP359/EP360			1	
5/31/2011	SWPL AR to EP320			1	
5/31/2011	EP360				1
5/27/2011	EP357			1	
5/26/2011	SWPL AR to EP359			1	
5/25/2011	Spur Rd to EP321			1	
5/23/2011	EP323			1	
5/21/2011	EP324			1	
5/20/2011	IV CY			1	
5/20/2011	AR to EP362			1	
5/20/2011	AR btwn EP324/EP325			1	
5/20/2011	SWPL AR btwn EP326/EP327			1	
5/20/2011	IV Substation			3	
5/19/2011	IV Substation			5	
5/19/2011	EP324			1	
5/18/2011	IV Substation Yard			1	
5/18/2011	IV Substation Yard				1
5/17/2011	AR to IV Substation				1
5/16/2011	IV Substation Yard			1	
5/13/2011	SWPL AR Near EP362-1	1			
5/12/2011	AR to EP355			1	
5/11/2011	EP360	1			

Flat Tailed Horned Lizard Counts - Week Ending 02/18/2012					
Date	Location	Observed	Injured	Relocated	Dead
5/11/2011	Dunaway CY	3			
5/11/2011	Dunaway Yard			4	
5/10/2011	EP322	1			
5/10/2011	AR to Dunaway CY	1			
5/9/2011	Dunaway Yard			4	
5/7/2011	EP322	1			
5/7/2011	Spur Road to EP344	1			
5/7/2011	Dunaway Yard			1	
5/6/2011	AR to EP321-1	1			
5/5/2011	AR to EP321-1	1			
5/5/2011	AR to Dunaway CY	2			
5/5/2011	Dunaway Yard			2	
5/4/2011	AR btwn EP343/EP344			1	
5/3/2011	SWPL AR btwn EP320/EP321	1			
4/27/2011	AR to EP322	2			
4/26/2011	EP322	1			
4/25/2011	Plaster City CY	1			
4/20/2011	Plaster City			1	
4/18/2011	Plaster City			1	
4/14/2011	AR to IV Substation	1			
4/2/2011	Dunaway CY	1			
TOTAL PRIOR TO RCLMP		35	0	60	13
YTD		47	0	103	25

*RCLMP refers to the Revised Construction Lighting Mitigation Plan

Raven Control Monitoring Report - Week Ending 02/18/2012

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
2/18/2012			No ravens observed					
2/17/2012			No ravens observed					
2/16/2012	S2 Yard	3		3				no
2/15/2012	S2 Yard	5		5				no
2/14/2012	S2 Yard	2		2				no
2/13/2012			No ravens observed					
2/12/2012			No ravens observed					
2/11/2012			No ravens observed					
2/10/2012			No ravens observed					
2/9/2012	S2 Yard	2		2				no
2/8/2012	S2 Yard	3		2			1	no
2/7/2012	S2 Yard	3		2			1	no
2/6/2012	S2 Yard	3		2			1	no
2/5/2012			No ravens observed					
2/4/2012	S2 Yard	2			2			no
2/3/2012			No ravens observed					
2/2/2012	Pull site EP338/EP339	2			2			no
2/2/2012	S2 Yard	1		1				no
2/1/2012	Pull site EP338/EP339	3		3				no
1/31/2012	EP330	2		2				no
1/30/2012			No ravens observed					
1/29/2012			No ravens observed					
1/28/2012			No ravens observed					
1/27/2012	Plaster City Yard	2					2	no
1/26/2012	S2 Yard	2		2				no
1/26/2012	EP341	2			2			no
1/26/2012	EP316	2		2				no
1/25/2012	EP324	1		1				no
1/24/2012			No ravens observed					
1/23/2012			No ravens observed					
1/22/2012			No ravens observed					
1/21/2012			No ravens observed					
1/20/2012			No ravens observed					
1/19/2012	EP326-EP328	2		2				no
1/18/2012	EP334	1		1				no
1/17/2012	EP329-1	2			2			no
1/16/2012			No ravens observed					
1/15/2012			No ravens observed					
1/14/2012			No ravens observed					
1/13/2012			No ravens observed					
1/12/2012			No ravens observed					
1/11/2012			No ravens observed					
1/10/2012			No ravens observed					
1/9/2012			No ravens observed					
1/8/2012			No ravens observed					

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
1/7/2012			No ravens observed					
1/6/2012			No ravens observed					
1/5/2012			No ravens observed					
1/4/2012			No ravens observed					
1/3/2012			No ravens observed					
1/2/2012			No ravens observed					
1/1/2012			No ravens observed					
12/31/2011			No ravens observed					
12/30/2011			No ravens observed					
12/29/2011	EP313-EP304 & EP295-EP292	2			2			no
12/28/2011	EP294	20			20			no
12/27/2011	EP292	2			2			
12/26/2011	EP292	2					2	no
12/25/2011			No ravens observed					
12/24/2011	EP281, EP281GS & EP290	5		5				no
12/23/2011			No ravens observed					
12/22/2011	EP300-1, EP301 & EP304	3		3				no
12/21/2011			No ravens observed					
12/20/2011	EP290-EP291/EP292 Pullsite	2			2			no
12/19/2011			No ravens observed					
12/18/2011			No ravens observed					
12/17/2011	EP325	1		1				no
12/17/2011	S2 Yard	3					3	no
12/16/2011			No ravens observed					
12/15/2011	IV Substation	1			1			no
12/15/2011	EP293	2		2				no
12/15/2011	S2 Yard	3					3	no
12/14/2011	S2 Yard	3					3	no
12/13/2011	S2 Yard	2					2	no
12/12/2011	S2 Yard	2					2	no
12/11/2011	S2 Yard	2					2	no
12/10/2011	EP306 & EP306/EP307 Pullsite	3		3				no
12/9/2011	IV Substation	1		1				no
12/9/2011	EP308 & EP306/EP307 Pullsite	2		2				no
12/9/2011	EP291 & EP291/EP292 Pullsite	2		2				no
12/8/2011	S2 Yard	3					3	no
12/8/2011	IV Substation	1		1				no
12/8/2011	EP301	2		2				no
12/8/2011	EP300-EP309	2		2				no
12/8/2011	EP291/EP292 Pullsite	2	2					no
12/8/2011	EP281	2		2				no
12/7/2011	IV Substation	1		1				no
12/7/2011	EP301	1			1			no
12/7/2011	EP291/EP292 Pullsite	1			1			no
12/7/2011	EP281	7		4	2	1		no
12/7/2011	S2 Yard	2			2			no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
12/6/2011	S2 Yard	3				3		no
12/6/2011	EP301	2			2			no
12/6/2011	EP281	5		4		1		no
12/5/2011	S2 Yard	2					2	no
12/5/2011	IV Substation	2		2				no
12/5/2011	EP363	2		2				no
12/5/2011	EP281	6		6				no
12/4/2011	S2 Yard	3				3		no
12/4/2011	IV Substation	2		2				no
12/4/2011	Fromm CY	2				1	1	no
12/4/2011	EP294	1		1				no
12/3/2011	EP281	1		1				no
12/2/2011	IV Substation	1		1				no
12/1/2011	S2 Yard	2					2	no
11/30/2011	S2 Yard	2			2			no
11/29/2011	S2 Yard	2			2			no
11/28/2011	S2 Yard	4			4			no
11/28/2011	EP290-EP301	5		2	3			no
11/27/2011	S2 Yard	1		1				no
11/26/2011	No ravens observed							
11/25/2011	NO WORK: DAY AFTER THANKSGIVING							
11/24/2011	NO WORK: THANKSGIVING							
11/23/2011	Plaster City Yard	3					3	no
11/22/2011	S2 Yard	4			4			no
11/22/2011	IV Substation	1			1			no
11/21/2011	S2 Yard	4					4	no
11/21/2011	IV Substation	1		1				no
11/21/2011	EP281	2			2			no
11/20/2011	EP360	2			2			no
11/20/2011	IV Substation	2		2				no
11/19/2011	No ravens observed							
11/18/2011	EP358 and IV Substation	2		2				no
11/17/2011	No ravens observed							
11/16/2011	S2 Yard	5			5			no
11/15/2011	EP330-1	2					2	no
11/15/2011	EP304; EP330	1			1			no
11/14/2011	S2 Yard	6			6			no
11/13/2011	No ravens observed							
11/12/2011	Dunaway CY	1			1			no
11/11/2011	Dunaway CY	4					4	no
11/11/2011	S2 Yard	5					5	no
11/10/2011	Fromm CY	2					2	no
11/10/2011	EP355	1		1				no
11/9/2011	Dunaway CY	1			1			no
11/8/2011	S2 Yard	5			5			no
11/8/2011	Dunaway CY	2			2			no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
11/7/2011	S2 Yard	3					3	no
11/7/2011	EP308-EP310	1					1	no
11/7/2011	EP301 Pullsite	7		6	1			no
11/6/2011	No ravens observed							
11/5/2011	S2 Yard	7			7			no
11/5/2011	IV Substation	1			1			no
11/4/2011	S2 Yard	5			5			no
11/3/2011	S2 Yard	5			3		2	no
11/3/2011	IV Substation	1			1			no
11/3/2011	Fromm CY	1				1		no
11/3/2011	EP303 and EP302	2			2			no
11/3/2011	EP281	2			2			no
11/2/2011	S2 Yard	4			4			no
11/2/2011	IV Substation	1		1				no
11/2/2011	EP305, EP310, EP311	1		1				no
11/1/2011	S2 Yard	2			2			no
11/1/2011	IV Substation	1		1				no
11/1/2011	EP305 and EP312	1			1			no
10/31/2011	S2 Yard	5			5			no
10/31/2011	AER and Fromm CY	1				1		no
10/30/2011	No ravens observed							
10/29/2011	IV Substation	3		3				no
10/28/2011	IV Substation	1		1				no
10/28/2011	EP256, EP357 & EP358	5		5				no
10/27/2011	EP356, EP358 & EP362	2		2				no
10/27/2011	EP305, EP307, EP310-EP312	1		1				no
10/26/2011	EP306, EP307 & EP310	2		2				no
10/25/2011	IV Substation	1		1				no
10/25/2011	EP310	1		1				no
10/24/2011	S2 Yard	3					3	no
10/24/2011	EP305	1			1			no
10/23/2011	S2 Yard	3			3			no
10/22/2011	No ravens observed							
10/21/2011	Dunaway CY	1			1			no
10/20/2011	S2 Yard	2					2	no
10/20/2011	Dunaway CY	5					5	no
10/19/2011	EP314	1		1				no
10/19/2011	EP290	5		5				no
10/18/2011	No ravens observed							
10/17/2011	EP301	3		3				no
10/16/2011	No ravens observed							
10/15/2011	S2 Yard	2					2	no
10/15/2011	Dunaway CY	1				1		no
10/15/2011	EP315	2					2	no
10/15/2011	EP301	3			3			no
10/14/2011	Fromm CY	3				3		no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed	
			Nesting	Flying	Perching	Roosting	Scavaging		
10/14/2011	EP305	2		2				no	
10/14/2011	EP301	3			3			no	
10/13/2011	S2 Yard	2					2	no	
10/13/2011	Dunaway CY	5					5	no	
10/13/2011	Fromm CY	1					1	no	
10/13/2011	EP354-EP363	2			2			no	
10/13/2011	EP301	4		4				no	
10/12/2011	EP300-EP301	2		2				no	
10/11/2011	Plaster City Yard	2			2			no	
10/11/2011	IV Substation	2					2	no	
10/10/2011	Fromm CY	2				2		no	
10/10/2011	EP359-EP360	2		2				no	
10/10/2011	EP355-EP363	2		2				no	
10/10/2011	EP301	3		3				no	
10/9/2011	S2 Yard	3					3	no	
10/9/2011	EP300	6		6				no	
10/8/2011	EP357	2			2			no	
10/8/2011	EP306	3					3	no	
10/7/2011	Dunaway CY	1		1				no	
10/7/2011	EP291-EP301	3		3				no	
10/6/2011	Fromm CY	2					2	no	
10/5/2011	Dunaway CY	2		2				no	
10/5/2011	EP303-2	2		2				no	
10/4/2011	EP310 & EP311	2		2				no	
10/4/2011	EP301	3					3	no	
10/4/2011	EP293	2		2				no	
10/3/2011	S2 Yard	2					2	no	
10/3/2011	Dunaway CY	2			2			no	
10/2/2011	EP356-EP363	2		1	1			no	
10/1/2011	Plaster City Yard	2					2	no	
10/1/2011	EP360	2			2			no	
9/30/2011	S2 Yard	2					2	no	
9/30/2011	EP355	1		1				no	
9/30/2011	EP314	2		2				no	
9/30/2011	EP301	2		1	1			no	
9/29/2011	EP291/EP292 Pullsite	1			1			no	
9/28/2011	EP361	1			1			no	
9/27/2011	EP315	2		1	1			no	
9/27/2011	EP309	1		1				no	
9/27/2011	EP301 & EP304	4		3	1			no	
9/27/2011	EP290	1			1			no	
9/26/2011	EP362	2			2			no	
9/26/2011	Fromm CY	1				1		no	
9/25/2011	No ravens observed								
9/24/2011	Plaster City Yard	2					2	no	
9/24/2011	EP317	1		1				no	

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
9/24/2011	EP309	1		1				no
9/23/2011	EP362	4			4			no
9/23/2011	EP303	2		2				no
9/22/2011	Fromm CY	1				1		no
9/22/2011	EP303	2		2				no
9/22/2011	EP301	2		2				no
9/22/2011	EP295-EP322	3		3				no
9/21/2011	S2 Yard	3			3			no
9/21/2011	Fromm CY	1					1	no
9/21/2011	EP303	1		1				no
9/20/2011	S2 Yard	2			2			no
9/20/2011	Fromm CY	1				1		no
9/19/2011	S2 Yard	3			3			no
9/19/2011	EP304, EP307, EP309	1		1				no
9/18/2011	S2 Yard	3				3		no
9/18/2011	EP281	1		1				no
9/17/2011	S2 Yard	3					3	no
9/17/2011	EP362	1			1			no
9/17/2011	Fromm CY	3				3		no
9/16/2011	EP363	2			2			no
9/16/2011	Fromm CY	1					1	no
9/16/2011	EP304	2		2				no
9/16/2011	EP290	1		1				no
9/15/2011	S2 Yard	4			4			no
9/15/2011	Fromm CY	3					3	no
9/15/2011	EP296	1		1				no
9/15/2011	EP306	2					2	no
9/15/2011	EP304	1		1				no
9/15/2011	EP301	2		2				no
9/14/2011	Plaster City Yard	1			1			no
9/14/2011	EP361	2			2			no
9/14/2011	Fromm CY	1				1		no
9/14/2011	EP308	1					1	no
9/14/2011	EP301	5		4	1			no
9/14/2011	EP292	3		3				no
9/13/2011	S2 Yard	10			10			no
9/13/2011	EP348	3		3				no
9/13/2011	EP345	2		2				no
9/13/2011	EP326	1					1	no
9/13/2011	EP325	2		2				no
9/13/2011	EP326	1		1				no
9/13/2011	EP304	7		7				no
9/13/2011	EP291	7		7				no
9/12/2011	S2 Yard	3			3			no
9/12/2011	EP350	1		1				no
9/12/2011	EP304	1		1				no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
9/12/2011	EP301	1		1				no
9/11/2011	S2 Yard	2				2		no
9/10/2011	S2 Yard	2					2	no
9/9/2011	EP304	1			1			no
9/8/2011	S2 Yard	3					3	no
9/7/2011	S2 Yard	3					3	no
9/6/2011	No ravens observed							
9/5/2011	No ravens observed							
9/4/2011	No ravens observed							
9/3/2011	No ravens observed							
9/2/2011	EP348	1		1				no
9/2/2011	S2 Yard	1		1				no
9/2/2011	EP303	1		1				no
9/2/2011	EP363	2		2				1 at IV Sub
9/1/2011	EP303	2					2	no
9/1/2011	EP293	1					1	no
9/1/2011	EP304	2					2	no
8/31/2011	S2 Yard	1		1				no
8/31/2011	EP308	1		1				no
8/31/2011	EP305-3	2					2	no
8/31/2011	EP303	2		2				no
8/30/2011	EP303	1		1				no
8/29/2011	S2 Yard	1		1				no
8/29/2011	EP303	1		1				no
8/28/2011	No ravens observed							
8/27/2011	EP305	3			3			no
8/26/2011	EP301	2		2				no
8/25/2011	S2 Yard	2					2	no
8/25/2011	EP301	2		2				no
8/24/2011	S2 Yard	3				3		no
8/23/2011	EP292-1	3		3				no
8/22/2011	No ravens observed							
8/21/2011	No ravens observed							
8/20/2011	S2 Yard	2				2		no
8/20/2011	EP312	2		2				no
8/20/2011	S2 Yard	2					2	no
8/20/2011	EP312	2		2				no
8/19/2011	EP307	2			2			no
8/19/2011	EP296	1		1				no
8/18/2011	S2 Yard	2				1	1	no
8/18/2011	EP301	Flock		x				no
8/17/2011	S2 Yard	2				1	1	no
8/17/2011	EP301	3			3			no
8/16/2011	S2 Yard	1					1	no
8/16/2011	EP301	1		1				no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
8/15/2011	No ravens observed							
8/14/2011	No ravens observed							
8/13/2011	S2 Yard	2					2	no
8/12/2011	IV Substation	2				2		no
8/12/2011	S2 Yard	3				3	3	no
8/11/2011	EP294	4			4			no
8/11/2011	S2 Yard	3				3	3	no
8/10/2011	S2 Yard	3				2	1	no
8/9/2011	S2 Yard	not specified						no
8/8/2011	EP294	2			2			no
8/8/2011	S2 Yard	1						no
8/7/2011	No ravens observed							
8/6/2011	S2 Yard	1						no
8/5/2011	EP301	3		3				no
8/4/2011	S2 Yard	not specified						no
8/3/2011	S2 Yard	2		2				no
8/3/2011	S2 Yard	1						no
8/2/2011	S2 Yard	3					3	no
8/1/2011	EP314	not specified		x				no
7/31/2011	No ravens observed							
7/30/2011	EP314	3		2			1	no
7/30/2011	S2 Yard	1					1	no
7/29/2011	S2 Yard	1						no
7/28/2011	EP319	4	1	2	1			no
7/28/2011	S2 Yard	not specified						no
7/27/2011	S2 Yard	not specified						no
7/26/2011	No ravens observed							
7/25/2011	EP290	1			1			no
7/24/2011	No ravens observed							
7/23/2011	No ravens observed							
7/22/2011	EP290	2		1	1			no
7/21/2011	S2 Yard	1		1				no
7/20/2011	Ocotillo, CA	5						no
7/19/2011	Ocotillo, CA	1						no
7/18/2011	CP40-2	not specified						no
7/18/2011	CP41-2	not specified						no
7/18/2011	CP42-1	not specified						no
7/17/2011	No ravens observed							
7/16/2011	CP42-1	not specified						no
7/15/2011	No ravens observed							
7/14/2011	EP357	not specified						no
7/14/2011	EP358	not specified						no
7/14/2011	EP359	not specified						no
7/14/2011	Plaster City Yard	2		2				no
7/13/2011	EP313-EP314 PS	not specified						no
7/13/2011	S2 Yard	3					3	no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
7/12/2011	CP18-1	not specified						no
7/12/2011	CP19-1	not specified						no
7/12/2011	CP22-1	not specified						no
7/11/2011	EP304-EP314	not specified						no
7/10/2011	No ravens observed							
7/9/2011	EP351	not specified						no
7/9/2011	EP353	not specified						no
7/9/2011	EP354	not specified						no
7/9/2011	EP355	not specified						no
7/9/2011	not specified	not specified						no
7/9/2011	S2 Yard	3					3	no
7/8/2011	EP303	2			1		1	no
7/8/2011	EP303	1		1				no
7/8/2011	S2 Yard	3					3	no
7/1/11-7/7/11	No ravens observed							
6/30/2011	EP300	3		3				no
6/21/11-6/29/11	No ravens observed							
6/20/2011	S2 Yard	2					2	no
6/1/11-6/19/11	No ravens observed							
5/1/11-5/31/11	No ravens observed							
4/22/11-4/30/11	No ravens observed							
4/21/2011	EP341	1	1					no
4/1/11-4/20/11	No ravens observed							
3/1/11-3/31/11	No ravens observed							
2/1/11-2/28/11	No ravens observed							
1/21/11-1/31/11	No ravens observed							
1/21/2011	Rough Acres Yard	not specified						no