

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 Rangeland 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.

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 EP54-1 and EP215.
- Footing QA/QC at EP36-1, EP39-1, EP41, EP48, EP50, EP52-1, EP53-3, EP62A-1, EP63, EP64, EP69, EP101-2, EP103-2, EP107-3, EP108-2, and EP109-1.
- Post construction impact surveys at EP89-1, EP91, EP92, EP179, EP180, EP181, EP182, EP184, and EP185-1.
- Topographic surveys at Cinnamon Drive and Deerhorn Valley Road.
- 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 JVR Yard, Kreutzkamp Yard, Sycamore Yard, Rough Acres Yard, Helix Yard, CP12, CP13, CP19, CP24, CP25, CP31, CP80-2, CP99, CP106, EP11, EP23, EP74, EP83-PS-A access road, EP83-PS-S access road, EP83-PS-N access road, EP83-PS-N-B access road, EP84 access roads, EP112-3, EP113, EP116 access road, EP197, EP255-2-PS-S, and EP245.

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:

- 128 Biological monitors.
 - 3 Archaeological monitors.
 - 3 Native American monitors.
 - 1 Paleontological 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.
 - Meetings were held between the avian teams and the construction teams to determine the best methods and locations for deterrents at various sites and yards.
 - The table below demonstrates the construction progress to date:

OVERHEAD			
Agency	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	143 of 169	97 of 169	49 of 169
Bureau of Land Management	159 of 179	126 of 179	95 of 179
Miramar	14 of 14	14 of 14	1 of 14
U.S. Forest Service	34 of 76	17 of 76	28 of 76 CP3, CP6-1 to CP14
UNDERGROUND			
Agency	Vaults Installed	Trenches Excavated & Backfilled	
Non-Federal	40 of 40	42 of 42	
SUBSTATION UPGRADES			
3 of 7 Completed			
SUNCREST SUBSTATION			
91 Percent Complete			

Overhead Construction

- Link 1
 - Gate and fence installation at EP243, EP244, and EP245-1.
 - Final grading at EP200A-1 to EP203-3, EP204-3, EP207, EP320-1, EP320-1-E-A to EP325-2-E, EP321-1, EP325-2 to EP328-1, EP339 pull site, and EP335-N to EP340-N.
 - Micropile drilling at EP233-1, EP234-1, and EP254-3.
 - Grouting at EP233-1.
 - Trimming at EP228, EP236-1, EP237-1, EP246, EP249-1, and EP252A-1.
 - Pull test at EP228, EP234-1, EP236-1, EP237-1, EP246, EP249-1, and EP252A-1.
 - Micropile cap work at EP144, EP147, EP183, EP228, EP236-1, EP237-1, EP246, EP249-1, and EP252A-1.
 - Anchors set at EP183.
 - Tower assembly at/from EP170 to EP175, EP176, EP177, EP182, EP183, EP186-1, EP187-2, EP192-2, EP193-2, EP199-3, EP221A, EP225-1, EP238, EP239-1, EP245-1, EP250, and EP252-1.
 - QA/QC at EP173, EP184-1, EP185-1, EP252-1, and EP359 to EP363-1.
 - Ground resistance testing at EP173, EP174, EP175, EP176, EP179, EP185-1, EP187-2, and EP190-2.
 - Ground rod installation at EP185-1 and EP187-2.
 - Mobilization of equipment at EP219-1.
 - Damaged OPGW replaced and fiber “trained” between EP355 and EP356.
 - OPGW pulled from EP184-1 to EP186-1.
 - Insulator work at EP185-1, EP219-1 pull site, EP220-1 pull site, EP240, EP242, and EP252-1.
 - Traveler work at EP220-1.
 - Helicopter landing platform removal at EP314.
 - Solar panel replacement at EP238-1.
 - BMP installation/maintenance at/from:
 - EP144 to EP152-2, EP170 pull site east, EP170 to EP293 including pull sites and guard structures, EP197-3-E to EP205-2-N, EP170-N to EP204-3-PS-E, EP320-1-E-A to EP325-2-E, EP313 to EP341, EP339 pull site, EP339 pull site, EP347 to EP362, GS-NF-29, GS-NF-33, GS-NF-34, GS-NF-35, and GS-NF-36.
 - BMPs removed at/from EP320-1-E to EP330-1-E, EP326, and EP348.
 - Desert pavement restoration at EP339 pull site.
 - Hydromulching at/from EP255-2 pull site, EP316-2, and EP338 to EP341.
 - Seeding at EP316-2 and EP341.
 - 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-Ev, Tuesday-C, Wednesday-D, Thursday-Ev, Friday-Ev, and Saturday-Ev. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- TSAP development at EP10-2.
- Access road construction at EP11-3-N.
- Driveway installation at EP9-1-N.
- Temporary platform installation at EP34-1.
- Gate installation at EP113-5-E.

- Conventional drilling at EP12-3.
- Concrete pouring at EP9-1.
- Form stripping and cleanup at EP9-1.
- Site prep at EP14-1, EP15, EP16-1, EP18, EP19-1, EP36-1, EP57-2, EP58-2, EP65-1, and EP108-2 to EP111-4.
- Equipment mobilization at EP108-2.
- Micropile drilling at EP13-3, EP14-1, EP111-4, EP120A, EP120-4, and EP128.
- Grouting at EP120-4 and EP128.
- Micropile capping crew at EP28-3, EP29-2, and EP33-1.
- Clipping and dead-end work at EP132-2.
- Arroyo toad fencing installed and/or maintained at EP67.
- BMP maintenance at/from:
 - EP7-1 to EP9-1, EP9-1-N, EP19-1 to EP24-1, EP28-3, EP29-2, EP33, EP34-1, EP35-1, EP36-1, EP37-2, EP58-2, EP108-2 to EP110-2, EP112-3 to EP115-1, EP113-5 pull sites, EP120-4 to EP125, EP127, EP124/EP125 pull site, EP129 to EP131, EP141, EP141 pull sites, EP143-1, GS-USFS-2, GS-USFS -3, GS-USFS-4, and GS-USFS-5.

BLM Land

- Site prep at EP101-2.
- TSAP development at EP53-3.
- Micropile drilling at EP40-1, EP41, and EP102-3.
- Tower assembly at EP98-1.
- Arroyo toad fencing installed and/or maintained at EP76-2-E and EP76-2.
- BMP maintenance at/from:
 - EP39-1 to EP42/EP43 pull site, EP45-1, EP47-2, EP48, EP50, EP51-1, EP63, EP58-2-E, EP70 to EP74-1, EP96-N-B, EP98-1-N, and EP94 to EP105-2.

Non-Federal Land

- Access road construction at EP66-E.
 - Gate work at EP125-E-A.
 - Crews continued work at the regen site adjacent to EP54-1.
 - Soil boring at EP67.
 - Conventional drilling at EP54-1, EP66.
 - Micropile drilling at EP25-2, EP31-1, and EP106-3.
 - Micropile capping crew at EP1-3 and EP31-1,
 - Tower assembly at EP26-1, EP27-1, and EP30-2.
 - Arroyo toad fencing installed and/or maintained from EP76-2-E to EP78A-E, EP77, and EP78/78A pull site.
 - BMP installation/maintenance at/from:
 - EP25-2, EP31-1, EP30-2, EP32-1, EP52-1, EP54-1, EP58-2-E, EP62A-1, EP64, EP64-E, EP65-1, EP66-E, EP79, EP80 to EP93, EP83 pull sites, EP89-1 pull sites, EP91 pull sites, EP92-N, EP106-3, EP107-3, GS-NF-17, GS-NF-18, GS-NF-21, GS-NF-22, GS-NF-23, GS-NF-24, and GS-NF-28.
- Link 5
 - During this reporting period, the PAL Levels were as follows: Monday-Ev, Tuesday-C, Wednesday-D, Thursday-Ev, Friday-Ev, and Saturday-Ev. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- “Dummy” fiber installed from CP95/CP96 pull site to CP100-1.
- Fiber sagged from CP95/CP96 pull site to CP100-1.
- Spacers installed between CP98-1 and CP100-1.
- Cleanup from CP95/CP96 pull site to CP100-1.
- BMP maintenance at/from CP96-1-E to CP100-1-N, CP99-2, and CP100-1.

BLM Land

- Micropile grouting at CP59 and CP60.
- Tower assembly at CP58-1, CP61-1, and CP62A.
- Ground resistance testing at CP59 and CP61-1.
- Cleanup at CP58-1, CP61-1, and CP62A.
- BMP maintenance at CP58-1.

Non-Federal Land

- Access road construction and blasting prep at CP49-1-PS-N.
- Gate installation at CP56-1-PS-E-A.
- Grading at CP98-1.
- Final grading at CP23 pull site north.
- Micropile drilling at CP32-2, CP33A, CP34-2, CP35-2, CP37-2, and CP49-1.
- Grouting at CP27, CP28-1, CP44-1, CP46-2, CP49-1, CP54-1, CP59, CP62-2, CP63-3, and CP64-2.
- Micropile trimming at CP62-2, CP63-3, and CP64-2.
- Micropile cap work at CP27, CP28-1, CP34-2, CP37-2, CP42-1, CP46-2, CP47A-1, CP48-2, CP49-1, and CP56-1.
- Tower assembly at CP27, CP28-1, CP29-1, CP31-2, CP47-2, CP47A-1, and CP50-1 to CP54-1.
- Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) at CP78-2 and CP79-1.
- QA/QC at CP76-1, CP78-2, CP80-2, CP82-1, and CP84.
- Cleanup at/from CP55, CP57, CP76-1 to CP86, and CP95/CP96 pull site to CP100-1.
- Ground rod installation at CP29-1, CP31-2, and CP39.
- Ground resistance testing at CP54-1, CP57, CP76-1, CP87-1, and CP88-1.
- “Dummy” fiber installed from CP95/CP96 pull site to CP100-1.
- Fiber sagged from CP95/CP96 pull site to CP100-1.
- Spacers installed between CP98-1 and CP100-1.
- BMP installation and maintenance at/from:
 - CP17-1 to CP25-2, CP28-1, CP29-1, CP31-2, CP33-2, CP33A, CP35-2, CP36-1, CP39 to CP53-1, CP48-2, CP49-1, CP50-1, CP55, CP56-1 pull site, CP57, CP62-2, CP63-3, CP64-2, CP65-1 pull site, CP74-2, CP75-1 pull site, CP75-1, CP76-1 to CP88-1, CP95-1 to CP98-1, CP96-1-E to CP100-1-N, GS-NF-2, GS-NF-3, GS-NF-5, GS-NF-6, GS-NF-10, and GS-NF-13.

Miramar

- Guard structure installation at CP6-1.
- Ground rod installation at CP13-2.
- Sock line, hardline, and conductor flown on all phases from CP3 to CP14.

- Clipping and sagging from CP3 to CP14.
- Deadend work at CP3, CP10, CP11-1, and CP13-2.
- Insulator work at CP3, CP10, CP11-1, and CP14.
- Jumpers installed from CP3 to CP14.
- Cleanup at CP3.
- BMP installation and maintenance at
 - CP2, CP3, and CP6-1 to CP12-1.

69kV

- Various foundation work (curing, cage installation, etc.) at TL6915 Location 7.
- Equipment demobilization at TL6915 Location 11.
- Cleanup at TL6915 Location 10.
- BMP maintenance at TL6924 Location 4 and TL6915 Location 7.

Underground Construction (Link 4)

- Revitalization – Alpine Rentals and Louise Drive to Rock Terrace.
- Fiber Work – V1L, V1R, V8L, V9L, V10L, V15L, V16L, V17L, V18L, V19L, and V20L.
- Bauer Bridge – Poured concrete drive, installed water line at bridge, and BMP maintenance.
- Conduit and Cooling Line – Caltrans Bore Site.
- Raised Necking – V2L, V3R, V11L, and V18L.
- Pre-Racking/Racking – V2R, V8L, V10R, and V11R.
- Saw Cutting – V16L, V17L, V18L, and V19L.
- Grading – Bauer and Lortiz properties.
- Grounding – Slay property and V9R.
- Grouting – V2L, V3R, V11L, and V14L.
- Jacket testing and coiling fiber – Slay and Lortiz properties.

Suncrest Substation Construction (Link 3)

- Crushing class 2 base and select fill material.
- Trenching for conduit and ground grid in the southwest quadrant.
- Finish grading north, south, and east of the transformers.
- Installing insulators and conductors in the 500kV yard.
- BMP maintenance and repair along Bell Bluff Truck Trail and substation pad.
- Wiring inside the control shelter.
- Rough grading on the substation pad entrance road.
- Marina continued landscape planting.
- Trenching and installation of fence around the substation perimeter.
- Rough grading and water line backfilling on the substation pad entrance road.
- Pumping water from the northern detention basin.
- Finish grading on the substation entrance road along Bell Bluff Truck Trail.

Substation Upgrades

Encina:

- SDG&E relay crews performing wiring near the control house.
- Roel worked on BMP maintenance, spreading gravel in the 138kV yard, cleaning up the site, removing mud and unstable dirt from 138kV switchyard, and spreading gravel between Bays 1 through 8.

Imperial Valley:

- SDG&E transmission crew stringing wires just outside of substation.

Sycamore:

- SDG&E Kearny Mesa crews building disconnects and bus for 69kV upgrades in southern portion of substation.
- Stringing work occurred in the northwest corner of the substation with SDG&E and PAR.
- Several ends of the bus have been sealed or blocked to prevent birds from building nests.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, tower assembly, and staging for road, erection, micropile, wire, and BMP crews.
- Helix Yard – Helicopter operations, water staging, weed wash station, dust suppression, installing bird deterrents, weed crew, tower assembly, staging for micropile, erection, and QC crews.
- El Monte Yard – Helicopter operations and weed crew.
- Alpine Yard – Equipment/materials staging, water staging, dust suppression, weed wash station, and staging for ESA mark out, driveway, road, BMP, erection and conventional foundation crews.
- Wilson Yard – Helicopter operations, dust suppression, water staging, tower assembly, staging for assembly and QC crews.
- SWAT Yard – Water staging, helicopter operations, dust suppression, tower assembly, weed wash station, and staging for gate, erection, micropile, and BMP crews.
- Barrett Canyon Yard – Staging for BMP crews and tower work.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for road, conventional foundation, soil boring, and BMP crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, and staging for hauling, micropile, and BMP crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, staging for BMP, gate, and micropile crews.
- McCain Valley Yard – Helicopter operations, staging for BMP crew, dust suppression, tower preparation, and water staging.
- Rough Acres Yard – Helicopter operations, tower assembly, water staging, dust suppression, staging for equipment/materials, weed wash station, staging for erection, QC, conventional foundation, assembly, road, micropile, and BMP crews.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, tower assembly, and staging for micropile, hauling, BMP, and erection crews.
- AER Yard – Restored.
- Fromm Yard – Shut down due to end of big horn sheep work window.
- S2 Yard – Fence removal and restoration in progress.
- Plaster City Yard – Equipment storage and water staging.
- 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:

- Silvery Legless Lizard (*Anniella pulchra*) – Two (2) silvery legless lizards were found dead; one (1) at EP200A-1 and one (1) at EP141.

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

- Belding's Orange-throated Whiptail (*Aspidoscelis hyperythra*) – One (1) Belding's orange-throated whiptail was relocated from CP64.
- Coast Horned Lizard (*Phrynosoma blainvillii*) – One (1) coast horned lizard was relocated from EP76.

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

- USFS Non Compliance #5 was received on February 1, 2012, for failure to make timely notification after a serious incident.

Variances and TEWS

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

Weather

- No rain events occurred during this reporting period.
- 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 will begin within 72 hours of identification.

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 02/04/2012

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 02/04/2012

Date	Location	Observed		Injured		Relocated		Dead	
		Day	Night	Day	Night	Day	Night	Day	Night
7/26/2011	SWPL AR to EP344	1							
	Post RCLMP*								
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 02/04/2012

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 02/04/2012					
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 02/04/2012

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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							
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							

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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