

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 CP7, CP19, CP40, CP44, EP16, EP18, EP24, EP105, EP244, EP353, EP354, EP355, EP356, EP357, EP358, EP359, EP360, EP361, EP362-1, and EP363-1.
- Footing QA/QC at EP10-2, EP15, EP16-1, EP20, EP37-2, EP57-2, EP58-2, EP71, EP72, EP73-1, EP74-1, EP82, EP83, EP87-1, EP88-2, EP115-1, EP116-1, EP117-2, EP118-2, EP119-2, EP120A, EP121A-1, EP122-1, EP123-1, and EP124.
- Post construction impact surveys near CP95-1/CP96-1 pull site, CP98-1, CP99-2, CP100-1, EP197-3, and EP199-3.
- Conductor clearance checks at CP20 and CP86.
- 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 CP59-E-A access road (AR), CP59-E-B AR, CP62-2-E-A AR, CP62-E-B AR, CP75 to CP88, CP98, EP23, EP24, EP 35, EP36, EP74, EP85, EP91 to EP99, EP 104, EP190 to EP204, and EP331 to EP340.
 - Inspected ESAs near EP331 to EP340.
 - Removed ESAs near EP338.

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.

- The table below demonstrates the construction progress to date:

OVERHEAD			
Agency	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	145 of 169	109 of 169	51 of 169 EP220
Bureau of Land Management	159 of 179	127 of 179	95 of 179
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	34 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			
92 Percent Complete			

Overhead Construction

- Link 1
 - Gate and fence installation at EP231-1.
 - Final grading at EP202-3, EP203-3, and EP332-N to EP342-N.
 - Laying base on access roads from EP342-N to EP348-N.
 - Micropile capping at EP194-3, EP233-1, and EP234-1.
 - Grouting at EP183.
 - Trimming at EP233-1 and EP234-1.
 - Pull test at EP146.
 - Tower assembly at EP170 to EP172, EP175, EP176, EP177, EP190-2 to EP193-2, EP221-2, EP221A, EP225-1, EP229-1, EP239-1, and EP252-1.
 - Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) from EP170 to EP174, EP182 to EP184-1, and EP207 to EP219-1.
 - QA/QC at EP170 to EP183, EP187-2, EP190-2, EP192-2, EP193-2, and EP221-2.
 - Cleanup at EP170 and EP215.
 - Ground resistance testing at EP145, EP170 to EP172, EP175, EP177, EP182, EP183, EP186-1, EP187-2, and EP192-2.
 - Ground rod installation at EP204-3, EP205-2, EP210, EP218-1, and EP219-1.
 - Mobilization of equipment at EP187-2.
 - Netting installed at EP219-1/EP220-1 guard structure.
 - Guard structure installation and removal at EP215.
 - Wire stringing prep from EP178 to EP187-2.
 - Sock line, hardline, conductor, and OPGW flown from EP215 to EP220-1.
 - OPGW travelers installed at EP177.
 - Sock line and haulback pulled from EP177 to EP187-2.
 - Dead end work at EP215, EP219-1, and EP220-1.
 - Fiber “training” at EP215 and EP220-1.
 - Conductor work at EP219-1.
 - Jumper work at EP219-1.
 - Traveler work at EP177, EP187-2, and EP215 to EP218-1.
 - Splicing at EP355
 - Marker balls and spacers installed between EP219-1 and EP220-1.
 - BMP installation/maintenance at/from:
 - EP144 to EP152-2, EP170 to EP179 (including access roads and pull sites), EP185-1 to EP255-2 (including access roads, pull sites, and guard structures), EP314, EP315-1, and EP317.
 - BMPs removed at CY-IV-SUB-N and EP363-1-E-B.
 - Weed abatement at EP269-1 pull site.
 - Soil stability testing from EP327 to EP329-1 and EP331 to EP335.
 - Restoration at EP339 pull site.
 - Hydromulching at EP318-1.
 - Trained FTHL monitors and Visible Emission Evaluators (VEEs) were onsite as required.
 - During the restoration of S-2, a truck hauling rock from the yard to an access road accidentally tried to turn around on what appeared to be a road. It was instead a popular area for off road vehicles, but was not an approved Project road.
- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-D, Tuesday-C, Wednesday-C, Thursday-Ev, Friday-D, 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 EP16-1 TSAP, EP109-1, EP111-4, EP114-2, and EP116-1.
- Driveway work at EP11-3-E and EP24-1-E.
- Barrier replacement on EP126-1.
- Gate work at EP125-N, EP127-N, EP129-E-A, EP130-1-N, and EP131-N.
- Conventional drilling at EP11-3 and EP12-3.
- Site prep at EP11-3, EP16-1, EP17, EP19-1, and EP20-2.
- Micropile drilling at EP13-3, EP14-1, EP28-3, EP29-2, EP107-3, EP108-2, EP110-2, EP111-4, EP114-2, EP116-1, and EP128.
- Micropile trimming at EP6-1, EP7-1, and EP9-1.
- Micropile capping crew at EP14, EP16-1, EP120-4, and EP121-3.
- Tower assembly at EP113-5.
- Concrete blocks placed at EP21-1 and EP37-2.
- 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, EP47-2 to EP69 (with guard structures), EP109-1, EP112-3, EP112A-1, EP113-5, EP116-1, EP117-2, EP118-2, EP120-4, EP124 to EP128, EP130-1, EP130-1 pull site, EP131, EP142-1, EP143-1, GS-USFS-3, and GS-USFS-4.

BLM Land

- Vegetation maintenance at EP40-1, EP48, EP56-4, and EP70.
- Site prep at EP68, EP101-2, EP102A-1, and EP102-3.
- Grading at EP68 and EP68-N.
- Final grading at EP99-2.
- Soil boring at EP68.
- Micropile drilling prep at EP68.
- Micropile drilling at EP101-2, EP102-3, and EP103-2.
- Micropile cap work at EP56-4.
- Tower assembly at EP97, EP98-1, and EP99-2.
- Cleanup at EP101-2.
- Cattle guards installed from EP76-2 to EP78A.
- Arroyo toad fencing installed and/or maintained from EP76-2 to EP78A.
- BMP maintenance at:
 - EP39-1 to EP42/EP43 pull site, EP47-2 to EP69 (and guard structures), EP56-4, EP70 to EP76-2, EP94 to EP99-2 pull site, EP101-2 pull site, and EP101-2 to EP103A.

Non-Federal Land

- Vegetation management at EP81 to EP83, EP86-1 to EP88-2, EP106-3, and EP107-3.
- Access road construction at EP66-E.
- Sound barrier wall construction at EP119-2.
- Soil boring at EP65-1 and EP67.
- Conventional drilling at EP54-1 and EP66.
- Equipment mobilization at EP67.
- Micropile drilling at EP31-1, EP41, and EP107-3.
- Tower assembly at EP27-1 and EP30-2.
- 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 from EP76-2 and EP78A.
- BMP installation/maintenance at:
 - EP11-3-N, EP25-2, EP27-1, EP31-1, EP32-1, EP47-2 to EP69 (with guard structures), EP62A-1-E access road, EP67, EP77, EP85-2, EP83 pull site, EP89-1 pull site, EP86-1 to EP93, EP91 pull site, EP104-2, EP105-2, EP106-3, EP107-3, GS-NF-14, GS-NF-15, GS-NF-16, GS-NF-18, GS-NF-23, GS-NF-24, and GS-NF-25.
- Link 5
 - During this reporting period, the PAL Levels were as follows: Monday-D, Tuesday-C, Wednesday-C, Thursday-Ev, Friday-D, and Saturday-C. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Access road work on CP100-1-N.
- BMP maintenance at CP100-1-N and CP100-1.

BLM Land

- Micropile grouting at CP59.
- Pull test at CP60.
- Micropile cap work at CP59 and CP60.
- Tower assembly at CP59 and CP60.
- Ground resistance testing at CP58-1 and CP59.
- BMP maintenance at CP58-1 and CP59.

Non-Federal Land

- Access road construction at CP49-1-PS-N.
- Access road work at CP98-N-A to CP100-1-N.
- Final grading at CP23 pull site north and CP95/CP96 pull site.
- Micropile drilling at CP33-2, CP33A, CP35-2, and CP36-1.
- Grout setup at CP42-1.
- Grouting at CP28-1, CP34-2, CP35-2, CP36-1, CP44-1 to CP47-2, CP49-1, CP52, and CP53-1.
- Micropile trimming at CP44-1 to CP47-2, CP49-1, CP52, and CP53-1.
- Micropile cap work at CP27, CP28-1, CP37-2, CP44-1, CP45-1, CP46-2, CP48-2, CP50-1, CP52, CP54-1, CP60, CP63-3, and CP64-2.
- Pull test at CP44-1, CP45-1, CP49-1, CP52, CP53-1, and CP64-2.
- Tower assembly at CP24-1, CP25-2, CP27, CP28-1, CP29-1, CP31-2, CP42-1, CP43-1, CP47-2, CP50-1 to CP51-2, CP60, CP62-2, CP63-3, and CP64-2.
- Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) at CP74-2, CP75-1, CP78-2, and CP79-1.
- QA/QC at CP29-1, CP31-2, CP52 to CP54-1, and CP78-2.
- Anchors removed from CP42-1 and CP43-1.
- Cleanup at CP29-1, CP31-2, CP80-2, CP81-1, CP83, and CP86.
- Ground rod installation at CP74-2.
- Ground resistance testing at CP28-1.
- Wire set up at CP75-1 pull site, CP76-1 pull site, and CP88-1 pull site.
- Sock line, hardline, and conductor pulled on all phases from CP75-1 to CP88-1.
- OPGW pulled from CP75-1 to CP88-1.

- Deadend work at CP75-1 and CP86.
- Marker ball installation and sagging began from CP75-1 to CP88-1.
- BMP installation and maintenance at:
 - CP16-1 to CP26, CP23 pull site, CP28-1, CP31-2, CP34-2, CP35-2, CP37-2 to CP44-1, CP39 pull sites, CP46-2 to CP51-2, CP49-1 pull site, CP53-1, CP55, CP55-E, CP63-3, CP64-2, CP70-3, CP71, CP95/CP96 pull site, CP98-1, CP99-N, GS-NF-2, GS-NF-3, GS-NF-5, GS-NF-6, GS-NF-7, and GS-NF-8.

Miramar

- Grading for a retaining wall at CP11-1.
- Access road work at CP20-E.
- Guard structure removal at CP6-1.
- Fiber pulled from CP3 to CP14.
- Clipping in completed from CP3 to CP14.
- Dead end work from CP3 to CP14.
- Jumpers installed from CP3 to CP14.
- Spacers installed from CP12-1 to CP14.
- Marker ball installation from CP6-1 to CP9-1 and CP11-1 to CP14.
- Sagging from CP3 to CP14.
- BMP installation and maintenance from CP2 to CP15-1 (including guard structures).

69kV

- BMP maintenance at TL6915 Locations 3, 9, 10, 11, and 12 and TL6924 Locations 2, 3, and 4.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Fiber Work – V2L, V3L, V4L, V5L, V12L, and V13L.
- Paving – Bauer Property.
- Conduit and Cooling Line – Caltrans Bore Site.
- Raised Necking – V14L, V15L, V16L, and V17L.
- BMP Maintenance – Entire ROW.
- Jointing & Racking – V10R and Loritz Property.
- Grading – Bauer and Lortiz Properties.
- Grounding – Loritz Property.
- Grouting – V14L, V15L, V16L, V17L, V18L, V19L, V19R, and V20L.
- Jacket Testing – V10R, V10L, and V15R
- Phase Comparison – V1L, V1R, V2L, V3L, V4L, V5L, V6L, V7L, V8L, V9L, V10L, and V12L.
- Concrete Manhole – V19R.

Suncrest Substation Construction (Link 3)

- Crushing class 2 base and select fill material.
- Grounding grid installation activities in the northern portion of the pad.
- Finish grading south and east of the transformers.
- Installing insulators and conductors in the 230kV and 500kV yards.
- Wiring inside the control shelter.
- Landscaping activities on the southern fill slopes.
- Fence installation activities around the substation perimeter.

- Water line backfilling was completed on the substation pad entrance road.
- Installation of underground piping for the water tank.
- Finish grading along Bell Bluff Truck Trail.
- Class 2 base placement around the warehouse foundation, on the entrance road to the pad as well as Bell Bluff Truck Trail.
- Street sweeping Bell Bluff Truck Trail and the southern detention basin.
- Moving select fill material from the northwestern portion of the pad to the southern area of the pad.
- Applied the second coat of paint to the water tank.
- Finish grading around maintenance shelter.

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 12.

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 the bus have been sealed or blocked to prevent birds from building nests.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, hooking crews, tower assembly, and staging for road, erection, micropile, driveway, QC, wire, and BMP crews.
- Helix Yard – Helicopter operations, weed wash station, dust suppression, vegetation maintenance, tower assembly, and staging for micropile, erection, BMP, and QC crews.
- El Monte Yard – staging for tower hooking, erection, hauling, and wire crews.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, and staging for ESA, driveway, road, BMP, hauling, and conventional foundation crews.
- Wilson Yard – Helicopter operations, dust suppression, water staging, tower assembly, and staging for QC crews.
- SWAT Yard – Water staging, helicopter operations, dust suppression, tower assembly, weed wash station, and staging for gate, erection, micropile, QC, and BMP crews.
- Barrett Canyon Yard – Staging for BMP crews.
- Kreutzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for road, conventional foundation, toad survey, and BMP crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, and staging for hauling, micropile, weed abatement, erection, vegetation maintenance, toad survey, gate, QC, vegetation assessment, bird survey, and BMP crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, and staging for BMP, QC, gate, and micropile crews.
- McCain Valley Yard – Helicopter operations, water staging, dust suppression, tower assembly, and staging for BMP and assembly crews.
- Rough Acres Yard – Helicopter operations, water staging, dust suppression, staging for equipment/materials, weed wash station, staging for erection, QC, conventional assembly, wire,

- survey, 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, conventional assembly, QC, habitat assessment, gate, BMP, and erection crews.
 - AER Yard – Restored.
 - Fromm Yard – Shut down due to end of big horn sheep work window.
 - S2 Yard – Site restoration and staging for BMP and road crews.
 - Plaster City Yard – Equipment storage, water staging, and staging for road 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:

- Two-striped Gartersnake (*Thamnophis hammondi*) – One (1) two-striped gartersnake was found dead on the access road to EP63.

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

- Silvery Legless Lizard (*Anniella pulchra*) – One (1) silvery legless lizard was relocated from EP110-2.

The following non-listed species were relocated during construction activities this reporting period:

- Southwestern Speckled Rattlesnake (*Crotalus mitchellii Pyrrhus*) – One (1) southwestern speckled rattlesnake was relocated from the Helix Yard.

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

- Three customer complaints were submitted regarding Sunday construction noise in the Stonebridge community, specifically CP7, CP8, and CP9. Sunrise Public Affairs informed all three individuals that should additional Sunday work in the area occur, Sunrise construction would utilize a different access point to get to the work locations and that all crews would be mindful of noise activities prior to 8 a.m. No additional follow-up is required at this time.

Non-Compliances

- USFS Non Compliance #6 was received on February 6, 2012, for incursion into a golden eagle buffer.
- CPUC Non Compliance #5 was received on February 8, 2012, for operation outside of the approved work area.

Variances and TEWS

- Variance #30 Modification was approved on February 9, 2012, for Non Federal parking and turnarounds at CP73.
- Variance #36 was approved on February 8, 2012, for temporary concrete block anchors.
- Variance #37 was approved on February 8, 2012, for an extension to vegetation clearing timeframe.
- TEWS #33 was approved on February 9, 2012, for El Monte Reservoir.

Weather

- Rain Events occurred from February 6, 2012, to February 9, 2012.
 - Post-storm totals for February 8, 2012:
 - Suncrest Substation and Wilson Yard – 0.30 inches
 - Link 4 – 0.25 inches
 - CP101 to CP109 – 0.30 inches
 - Encina – 0.10 inches
 - Post-storm totals for February 9, 2012:
 - Rough Acres Yard – 0.10 inches
 - JVR Yard – 0.05 inches
 - EP73 to EP119 and Bartlett-Hauser Yard – 0.25 inches
 - EP120 to EP143 and Thing Valley Yard – 0.15 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 will begin within 72 hours of identification.



Installing temporary sound walls at EP119 to protect great horned owl nest. *(Photo courtesy of Aaron Franz)*

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 02/11/2012

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 02/11/2012

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 02/11/2012

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 02/11/2012					
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 02/11/2012

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

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

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
10/14/2011	EP305	2		2				no
10/14/2011	EP301	3			3			no
10/13/2011	S2 Yard	2					2	no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed	
			Nesting	Flying	Perching	Roosting	Scavaging		
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	
9/24/2011	EP309	1		1				no	
9/23/2011	EP362	4			4			no	

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
9/12/2011	EP301	1		1				no

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

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