

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.

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.
- Footing QA/QC near EP196-2.
- Helicopter recon for additional grounding locations from Sycamore Substation to EP130-1.
- Staked, flagged, and refreshed work areas near CP39 through CP43-1, EP90-1, EP91, EP116-1, EP117-2, EP119-2, EP120-4, EP178, EP179, EP180, EP181, EP182, EP183, EP184-1, EP185-1, EP186-1, EP187-2, EP190-2, EP191-2, EP197-3, EP198-3, EP238-1, EP239-1, EP243, EP244, EP251, and EP252-1.
- As-built tower surveys near CP83.
- 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 CP49 to CP50, CP65, Bartlett Hauser Yard and access road, Kreutzkamp Yard and access road, SWAT Yard and access road, Sycamore Yard, Helix Yard and access road, EP35 to EP36, EP90, and EP206.

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:



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- 130 Biological monitors.
 - 2 Archaeological monitors.
 - 2 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	155 of 169	133 of 169	74 of 169
Bureau of Land Management	163 of 179	140 of 179	110 of 179
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	46 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			
96 Percent Complete			

Overhead Construction

- Link 1
 - Vegetation maintenance at EP172 to EP174, EP177, EP179 to EP182, EP179-N, and EP208-N.

- Final grading at EP205-2, EP210, EP211, EP213, EP219/EP220 guard structure, EP320-1-E-B to CY-PLASTERCITY-N, and EP342-N to EP362-1-N –E.
 - Access road work from EP320-1-E-B to EP325-2-N (spreading class 2 base).
 - Micropile drilling prep at EP254-3.
 - Micropile redrilling at EP147, EP148, and EP228.
 - Micropile grouting at EP228 and EP254-3.
 - Micropile capping crew at EP196-2, EP221-2 to EP223-1, EP225-1, EP226-1, EP227, EP233-1, and EP237-1.
 - Miscellaneous tower work at EP256.
 - Tower assembly at EP150 to EP152-2, EP187-2, EP189-3, EP191-2 to EP196-2, EP198-3, EP200-3, EP223-1, EP224-1, EP229-1, EP233-1, EP236-1, EP239-1, EP245-1, and EP252-1.
 - Spacers installed from EP170 to EP174.
 - Insulator work at EP225-1, EP226-1 pull site, EP236-1, and EP239-1.
 - Grounding at EP255-2.
 - Ground resistance testing at EP221-2 to EP223, EP225, EP226, EP229 to EP231-1, EP235, and EP236.
 - Snub installation at EP226-1 pull site.
 - BMP installation/maintenance/repair at EP144 to EP146, EP149-1 to EP152-2, EP170-N to EP219-1-E, EP180 to EP240 (including pull sites), EP242 to EP245, EP247, EP248, EP251 to EP254-3, EP314, EP315-1, EP317, and GS-NF-36.
 - BMPs removed from EP320-1 to EP362-1.
 - Restoration began at EP213, EP219/220 guard structure, EP295-N, EP296-N, and EP299-N.
 - Hydromulching at EP215, EP219, and EP219 pull site west.
 - Weed abatement at EP203-3 pull site to EP209-1, EP219-1 guard structure, EP220-1 guard structure, EP220-1 pull site, EP220-1-N, and EP220-1.
 - Seeding at EP205-2 and EP219-1 and pull site north.
- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-C, Tuesday-B, Wednesday-D, Thursday-D, Friday-B, and Saturday-D. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Vegetation maintenance at EP10-2, EP24-2, EP33-1, EP109-1, EP114-2, and EP115-1.
- Grading at EP12-3 pull site.
- Access road construction at EP11-3-N, EP35-1-E, EP112-3-E, EP112A-1-E, and EP113-5.
- Gate work at EP24-1-E and EP36-1-E.
- Repairs to helicopter platform at EP34-1.
- Site prep at EP35-1.
- Micropile drilling prep at EP121A-1.
- Micropile drilling at EP19-1, EP20-2, EP21-1, EP22-1, EP24-1, EP34-1, EP35-1, EP37-2, EP41, EP114-2, EP118-2, EP120A, EP123-1, and EP124.
- Grouting at EP13-3, EP14-1, EP15, EP16, and EP116-1.
- Micropile trimming at EP117-2,
- Micropile pull testing at/from EP2-3, EP3-3, EP4-3, EP5-2, EP13-3, EP109-1 to EP111-4, and EP117-2.
- Micropile capping crew at/from EP2-3, EP3-3, EP4-3, and EP108-2 to EP110-2.
- Conventional drilling at EP11-3 and EP36-1.

- Miscellaneous foundation work at EP11-3.
- Tower assembly from EP112-3 to EP113-5.
- QA/QC at EP113-5.
- BMP maintenance at:
 - EP5-2 to EP24-1 (including pull sites), EP11-3-E, EP11-3-N, EP26-1 to EP30-2, EP33-1 to EP37-2, EP36-1-E, EP50, EP51-1, EP52-1-E to EP65-1-E, EP57-2, EP58-2, EP108-2, EP109-2, EP111-4 to EP118-2, EP120-4 to EP131 (including pull site), EP125-N to EP141-E, EP127, EP130-1, EP139-1, EP142-1, EP143-1, GS-USFS-3, and GS-USFS-4.

BLM Land

- Vegetation maintenance at EP48-2, EP70, and from EP101-2 to EP102A-1.
- Gate and barrier work at EP74-1-E.
- Grading at EP99-2 and from EP94-N to EP99-2-N-B.
- Micropile drilling at EP41-1, EP48-2, and EP53-1.
- Micropile pull test at EP103-2.
- Micropile cap work at EP101-2.
- Tower assembly at EP94 to EP99-2, EP103-2, and EP103A.
- QA/QC at EP95 to EP98-1, EP103-2, and EP103A.
- Grounding fences at EP94 and EP99-2.
- Ground resistance testing at EP49-1, EP51-2, and EP95.
- Wire pull prep from EP94 to EP101-2 pull site.
- Sock line pulled from EP94 to EP101-2 pull site.
- Snubs installed at EP101-2 pull site.
- BMP installation/maintenance at:
 - EP39-1 to EP42, EP42-N, EP42 pull site, EP47-2-PS-N to EP68-E, EP70 to EP74-1, EP76-2, and EP94 to EP103A.

Non-Federal Land

- Vegetation maintenance at EP54-1, EP78, EP87-1, EP106-3, and EP107-3.
- Grading from EP90-1-N to EP94-N.
- Micropile drilling at EP82 and EP88-2.
- Micropile grouting at EP119-2.
- Micropile pull test at EP106-3 and EP107-3.
- Conventional drilling at EP65-1.
- Tower assembly at EP54-1, EP84, EP86-1, EP93, EP104-2, and EP105-2.
- QA/QC at EP93 and EP104-2.
- Anchors placed at EP106-1.
- Ground resistance testing at EP54-1 and EP93.
- Cleanup and wire pull prep at EP89-1, EP89-1 and EP91 pull sites, and EP91 to EP93.
- Sock line pulled from EP91 to EP93.
- BMP installation/maintenance at:
 - EP26-1 to EP30-2, EP32-1, EP47-2-PS-N to EP68-E, EP52-1-E to EP65-1-E, EP67, EP67 pull site, EP77 to EP79 (including pull site), EP80, EP81, EP83 pull sites, EP83, EP84, EP84-E-A, EP84-E-B, CY-BARTLETT-E, EP86-1, EP89-1, EP89-1 pull sites, EP91 to EP93 (including access roads and pull site), EP104-2 to EP107-3, GS-NF-14, GS-NF-15, GS-NF-16, GS-NF-18, and GS-NF-22.



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- Link 5
 - During this reporting period, the PAL Levels were as follows: Monday-C, Tuesday-B, Wednesday-D, Thursday-D, Friday-B, and Saturday-D. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Splicing at CP100-1.
- Spacers installed at CP100-1.
- BMP maintenance at CP99-2 and CP100-1.
- Hydromulching at CP100-1.

BLM Land

- Tower assembly at CP58-1, CP59, and CP62A.
- Miscellaneous tower work (bird deterrents, signs, etc.) at CP58-1 to CP60 and CP62A.
- QA/QC at CP59.
- Concrete blocks set at CP59.
- Travelers installed at CP60.

Non-Federal Land

- Final grade CP98-1.
- Grouting at CP33-2, CP33A, and CP36-1.
- Micropile cap work at CP35-2.
- Tower assembly at CP24 to CP36-1, CP39, CP41-2 to CP43-1, CP46-2, CP47-2, CP49-1, CP50-1, CP51-2, and CP57.
- Miscellaneous tower work (bird deterrents, signs, etc.) at CP57, CP62-2, CP63-3, and CP64-2.
- QA/QC at CP32-2 to CP37-1, CP39, CP42-1, CP44-1, CP45-1 to CP47-2, CP51-2, CP57, CP62-2, and CP64-2.
- Wire prep at CP23, CP24-1, CP27, CP28-1, CP56-1, and CP65-1 pull sites.
- Sock line and conductor pulled from CP109-1 to Suncrest.
- Splicing at CP82-1 and CP108.
- Spacer installation from CP3 to CP31.
- Smoothing out wire at CP81-1, CP83, and CP86.
- Traveler work at CP57 and CP63-3.
- Grounding fiber at CP95-1 and CP96-1.
- Insulators and jumpers installed at CP109-1.
- Guard structure installation at CP53.
- Site cleanup at CP23, CP25-2, CP33-2, CP34-2, CP45-1, and CP46-2.
- BMP installation and maintenance at:
 - CP14 to CP19 (including pull site), CP20 to CP26-1 (including guard structures), CP28-1, CP31-2, CP31-2 pull sites, CP35-2, CP36-1, CP40-1, CP42-1, CP44-1 guard structure, CP49-1-PS-N, CP51-2, CP52, CP54-1, CP55, CP56-1 pull site, CP65-1 pull site, CP72-2, CP74-2 to CP84 (including guard structure), CP85-1 to CP88-1 (including pull site), CP95-1 to CP96-1, CP96-1-E to CP98-1-N, CP98-1, and CP108.
- Restoration began at CP31 pull site east.
- Hydromulching at CP95-1, CP96-1, and CP98-1.

Miramar

- Access road construction at CP11-1.
- BMP installation and maintenance at CP3, CP8-2, CP9-1, CP12-1, and CP14 to CP19 (including pull sites).

12kV

- No work occurred this reporting period.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Final Grading – Bauer and Slay Properties, V19R and V20R.
- Raised Necking – V9R and V20R.
- BMP Maintenance – Entire ROW.
- Grouting – V9R, V10R, V20R, and V20L.
- SCADA Fiber Pulling – V8R, V9R, V10R, and V11R.
- Sending and Receiving – CalTrans Bore Site.
- Test Set Up – Loritz and Slay Properties.
- Gunnite Swale – Slay Property

Suncrest Substation Construction (Link 3)

- Crushing class 2 base and select fill material.
- Installing insulators and conductors in the 230kV and 500kV yards.
- Wiring inside the control shelter.
- Fence installation activities around the substation perimeter.
- Coating the insulators in the 500kV yard.
- Disassembly of construction water line along Bell Bluff Truck Trail.
- Paving perimeter access roads around the substation.
- Placed erosion control blanket and seeding bio-swales along Bell Bluff Truck Trail.
- Removed drop tank near the substation entrance road.
- Irrigation line installation below wall 5 and on the southern fill slopes.
- Installation of warehouse siding panels.
- Erecting steel on the series capacitor.

Substation Upgrades

San Luis Rey:

- Wiring crews working inside the control house.
- Bird survey was conducted.

Encina:

- SDG&E relay and wiring crews performing wiring near the control house.

Pomerado:

- SDG&E Kearny Mesa crews building disconnects and prepared for future bus upgrades.
- Bird survey was conducted.



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Imperial Valley:

- No Sunrise-related work.

Sycamore:

- SDG&E Kearny Mesa crews worked on 230 kV and 69 kV bus upgrades and wiring in Bay 26.
- PAR subcontractor worked on stringing activities on CP-1.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, water staging, tower hooking, tower assembly, and staging for road, erection, micropile, habitat assessment, assembly, QC, wire, and BMP crews.
- Helix Yard – Helicopter operations, weed wash station, dust suppression, hooking, and staging for micropile, assembly, wire, BMP, and QC crews.
- El Monte Yard – Driveway crew worked at yard entrance.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, and staging for ESA, wire, gate, road, BMP, conventional foundation, and QC crews.
- Wilson Yard – Staging for tower assembly and wire crews.
- SWAT Yard – Water staging, helicopter operations, dust suppression, tower assembly, weed wash station, vegetation maintenance, and staging for micropile, road, QC, gate, vegetation maintenance, conventional foundation, and BMP crews.
- Barrett Canyon Yard – Staging for BMP crews.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, vegetation maintenance, CYA trailer delivered, and staging for conventional foundation and erection crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, tower assembly, and staging for micropile, erection, vegetation maintenance, hauling, conventional assembly, wire, road, toad survey, bird survey, QC, and BMP crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, weather station installation, hydro-mulching, hauling steel to yard, and staging for BMP, road, and micropile crews.
- McCain Valley Yard – Helicopter operations, water staging, dust suppression, and tower assembly.
- Rough Acres Yard – Helicopter operations, water staging, dust suppression, tower assembly, staging for materials, weed wash station, and staging for erection, QC, vegetation assessment, conventional assembly, weed treatment, conventional foundation, weed control, road, micropile, and BMP crews.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for habitat assessment, BMP, QC, assembly, micropile, and erection crews.
- AER Yard – Restored.
- Fromm Yard – Shut down due to end of big horn sheep work window.
- S2 Yard – Restored.
- Plaster City Yard – Water staging, dust suppression, site restoration, and staging for road and BMP crews.

Wildlife Reporting

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

- Red-tailed Hawk (*Buteo jamaicensis*) – One (1) Red-tailed hawk was found dead by EP186.

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 EP14.
- Coast Horned Lizard (*Phrynosoma coronatum blainvillii*) – Two (2) coast horned lizards were relocated from CP36.

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

- TEWS #34 was approved on March 6, 2012, for parking on the shoulder of Highway 67.

Weather

- Rain event occurred on March 5, 2012, thru March 7, 2012
 - Post storm totals for March 7, 2012:
 - Bartlett Hauser Yard and EP73 to EP119 – less than 0.10 inches
 - Thing Valley Yard and EP120 to EP143 – 0.10 inches
- BMPs were installed or maintained as needed throughout Project areas. In accordance with the Construction General Permit (CGP), daily site BMP inspections, and photos, appropriate BMPs for stormwater and non-stormwater were implemented. Any sites requiring repairs began within 72 hours of identification.



Bushtits nesting near EP81. *(Photo courtesy of Kipp Marzullo.)*

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 03/10/2012

Date	Location	Observed		Injured		Relocated		Dead	
		Day	Night	Day	Night	Day	Night	Day	Night
	Post RCLMP*								
2/23/2012	West side of AR to EP324	1							
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			

Flat Tailed Horned Lizard Counts - Week Ending 03/10/2012

Date	Location	Observed		Injured		Relocated		Dead	
7/27/2011	Near EP316-2	1							
7/26/2011	SWPL AR to EP344	1							
Post RCLMP*		Day	Night	Day	Night	Day	Night	Day	Night
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		13	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							

Flat Tailed Horned Lizard Counts - Week Ending 03/10/2012

Date	Location	Observed	Injured	Relocated	Dead
6/26/2011	IV Substation			1	
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	

Flat Tailed Horned Lizard Counts - Week Ending 03/10/2012					
Date	Location	Observed	Injured	Relocated	Dead
5/11/2011	EP360	1			
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		48	0	103	25

*RCLMP refers to the Revised Construction Lighting Mitigation Plan

Raven Control Monitoring Report - Week Ending 03/10/2012

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
3/10/2012			No ravens observed					
3/9/2012			No ravens observed					
3/8/2012	Plaster City Yard	3		2			1	no
3/8/2012	EP326	2		2				no
3/7/2012	Plaster City Yard	1			1			no
3/6/2012	EP350	1			1			no
3/5/2012			No ravens observed					
3/4/2012			No ravens observed					
3/3/2012			No ravens observed					
3/2/2012	EP352	2			2			no
3/2/2012	Plaster City Yard	1					1	no
3/2/2012	EP357	2		2				no
3/1/2012			No ravens observed					
2/29/2012	EP359-EP362	5		5				no
2/28/2012	EP357 and EP359	3			3			no
2/28/2012	EP349	2	2					no
2/27/2012			No ravens observed					
2/26/2012	EP351	1			1			no
2/25/2012			No ravens observed					
2/24/2012	EP355	3		3				no
2/23/2012	EP355	1		1				no
2/22/2012	EP347	2		2				no
2/22/2012	EP343/EP344 Pullsite	2					2	no
2/21/2012			No ravens observed					
2/20/2012	EP313-EP354	2		2				no
2/19/2012	EP360-EP362	2		2				no
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

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

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

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

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

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

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

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

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

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