

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.
- Surveyed OHV barriers and fence for pull site at EP215 and Jacumba Valley Ranch.
- Staked, flagged, and refreshed work areas near CP36-1, CP37-2, CP53-1, CP54-1, CP57, EP11, EP54-2, and EP215.
- Post construction impact survey of structure work area near EP235-1, EP236-1, EP237-1, and EP236-1/EP237-1 pull site.
- 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 from access road to EP90, access road to Kreutzkamp Yard, access road to Bartlett Hauser Yard, access road to Thing Valley Yard, access road to EP220 and EP220 pull site, access road to McCain Valley, and JVR Yard.

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.



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- 3 Native American monitors.
- 8 SWPPP monitors.
- Project staff carpooled to site reviews, kick-off tailgates, and off-site meetings. Construction and traffic control crews were observed carpooling from yards to work areas.
- Deterrents were utilized to discourage bird nest building activities throughout the Project. Deterrents are determined depending upon the location and type of possible nesting areas and may include metallic flagging, compact discs, plastic owls, and the presence of biological monitors.
- The table below demonstrates the construction progress to date:

OVERHEAD			
Agency	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	167 of 169	143 of 169	105 of 169 EP226-1 to EP236-1 CP43-1 to CP49-1
Bureau of Land Management	173 of 179	151 of 179	121 of 179
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	75 of 76	24 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			
98 Percent Complete			

Overhead Construction

- Link 1
 - Vegetation maintenance at/from EP148-1, EP150 to EP152-2, EP188-1, EP194-3, and EP195-2.
 - Final grading at/from EP173-1-E to EP197-3-E, EP177, EP180 to EP182, EP184-1, EP215, and EP217-1.
 - Fence repair at EP220-1-N.
 - Regen work at EP215.
 - Micropile stub angles set at EP147 and EP148-1.
 - Pull testing at EP147.
 - Micropile capping work at/from EP145, EP147, EP150 to EP152-2, EP252A-1, EP253-2, and EP254-3.
 - Tower assembly at/from EP145, EP152-2, EP188-1 to EP190-2, EP196-2, EP198-3, EP221-2 to EP227, EP236-1 to EP238-1, EP240, EP242, EP246, EP247, EP249-1, EP250, EP252A-1, and EP254-3.
 - QA/QC at/from EP189-3, EP237-1 to EP239-1, EP242, EP246, EP249-1, EP252-1, and EP254-3.
 - Ground resistance testing at EP145, EP152-2, EP252A-1, and EP254-3.
 - Equipment staging at EP187-2 pull site, EP200-3 pull sites, EP243/EP244 pull site, and EP254/EP255 pull site.
 - Guard structure installation at EP251.
 - Sockline and hardline haulback flown for A and B phases from EP187-2 pull site to EP200-3 pull site.
 - Conductor pulled for A phase from EP187-2 pull site to EP200-3 pull site.
 - Sock line, hardline haulback, and conductor for A and B phases flown from EP237-1 pull site to EP243/EP244 pull site.
 - Jumpers installed at EP229-1 and EP363-1.
 - Bird diverters installed at EP229-1.
 - Dead-end work at EP229-1.
 - Insulator and traveler work at/from EP187-2 to EP190-2, EP192-2 to EP195-2, EP198-3, and EP200-3.
 - Sagging from EP226-1 pull site to EP237-1 pull site.
 - Sagging from EP236-1 to EP238-1.
 - Spacers installed from EP220-1 to EP230-1.
 - Clipping in at/from EP231-1, EP234-1, and EP236-1 to EP238-1.
 - OPGW flown from EP236-1 to EP244.
 - Splicing at EP215 and EP220-1.
 - Equipment demobilization at EP220-1 pull site and EP226-1 pull site.
 - Cleanup at EP220-1 pull site, EP226-1 pull site, and EP237-1 pull site.
 - BMP maintenance at EP144, EP146 to EP148-1, EP170 to EP179 (including pull site), EP178-E to EP218-E, EP180 to EP194-3, EP197-3 to EP209-1 (including pull sites and guard structure), EP211, EP213 to EP215 (including guard structure), EP218-1 to EP223-1 (including guard structures), EP227, EP228, EP230-1 to EP233-1, EP235-1 to EP255-2 (including pull sites and guard structures), EP313 to EP315 (including pull site), and EP317.
 - Cholla replanting at EP221-2.
 - Hydromulching at EP173-1 to EP176, EP178 to EP181, EP200-3 pull site, EP200A-1 to EP202-3, EP204-3 to EP208, EP211, EP213, EP214, EP217-1, and EP218-1.

- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-B, Tuesday-C, Wednesday-C, Thursday-C, Friday-C, and Saturday-C. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Vegetation maintenance at EP28-3.
- Access road construction/maintenance at EP22-1-PS-N, EP23-2-PS-N, and EP23-2-E, EP35-1-E, and EP125-N.
- Gate work at EP116-1-E.
- Grading at EP11-3 and EP12-3.
- Micropile drilling at EP10-2, EP21-1, and EP115-1.
- Grouting at EP10-2, EP21-1, EP23-2, EP57-2, EP58-2, and EP115-1.
- Micropile trimming at EP120-4, EP120A, EP121-3, EP121A-1, EP122, EP123-1, and EP124.
- Micropile pull testing prep at EP23-2, EP33-1, EP34-1, and EP37-2.
- Micropile pull testing at EP114-2 and EP118-2.
- Micropile capping crew at EP13-3, EP18, EP19-1, EP20-2, EP22-1, EP24-1, EP114-2, EP122-1, EP123-1, and EP124.
- Micropile equipment demobilized from EP58-2.
- Tower assembly at EP9-1, EP11-3, EP12-3, EP13-3, EP15, EP16-1, EP108-2, EP111-4, and EP113-5 pull site.
- QA/QC at EP112A-1 and EP113-5.
- BMP maintenance at:
 - EP2-3 to EP9-1, EP9-1 pull site, EP10-2, EP11-3-N, EP11-3, EP12-3, EP12-3-PS-N, EP12-3-PS-S, EP14-1 to EP20-2, EP22-1 to EP24-1 (including pull site), EP35-1, EP36-1, EP57-2, EP58-2, EP109-1 to EP112-3, EP116-1 to EP118-2, EP120-4 to EP121-3, EP124 to EP127, EP124/125 pull site, EP127-E to EP141-E-C, EP130-1, EP131, EP141, GS-USFS-2, GS-USFS-3, and GS-USFS-4.
- Hydromulching at EP113-5-E and EP129-E-A.

BLM Land

- Vegetation maintenance from EP97 to EP99-2 (including pull site and access roads).
- Micropile drilling at EP56-4, EP63, EP69, EP70, EP71, EP72, and EP75-2.
- Micropile grouting at EP50, EP53-3, EP73-1, EP74-1, EP75-2, and EP76-2.
- Micropile trimming at EP71, EP73-1, EP74-1, EP75-2, and EP76-2.
- Micropile pull test at EP40-1 and EP102A-1.
- Micropile capping work at EP63, EP101-2, and EP102-3.
- QA/QC at EP101-2 and EP102-3.
- BMP installation/maintenance at:
 - EP39-1 to EP42, EP42 pull site, EP47-2 pull site, EP50, EP51-1, EP53-3, EP56-4, EP58-2-E, EP69, EP70 to EP74-1, and EP76-2.

Non-Federal Land

- Vegetation maintenance from EP91 to EP93 (including access roads).
- Wash station repairs between EP90-1 and EP91.
- Micropile drilling at EP52-1, EP64, and EP77.
- Micropile grouting at EP62A-1, EP64, EP77, EP85-2, and EP86-1.

- Micropile trimming at EP78, EP78A, EP83, and EP86-1.
- Micropile pull test at EP25-2, EP31-1, EP78, EP78A, EP82, EP83, EP87-1, and EP88-2.
- Micropile capping work at EP25-2, EP62A-1, EP64, EP83, EP85-2, EP86-1, EP87-1, and EP88-2.
- Miscellaneous tower work at EP65-1.
- Tower assembly at EP1-3, EP30-2 pull site, EP67, EP85-2, EP86-1, and EP87-1.
- QA/QC at EP81, EP84, EP85-2, EP86-1, and EP91.
- Ground rod installation at EP79.
- Ground resistance testing at EP65-1.
- BMP installation/maintenance at:
 - EP1-3, EP25-2 to EP27-1, EP30-2, EP30-2 pull site, EP31-1, EP32-1 EP54-1, EP54-1 pull site, EP62A-1, EP65-1 to EP67 (including pull sites), EP78 to EP82 (including pull site), EP86-1 to EP89-1, EP89-1 pull sites, EP91 to EP93 (including pull sites), EP119-2, GS-NF-14, GS-NF-15, GS-NF-16, GS-NF-17, GS-NF-18, GS-NF-22, and GS-NF-26.
- Link 5
 - During this reporting period, the PAL Levels were as follows: Monday-B, Tuesday-C, Wednesday-C, Thursday-C, Friday-C, and Saturday-C. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- BMP maintenance at CP99-2 and CP100-1.

BLM Land

- OPGW sagged from CP55 to CP65-1.
- Marker balls staged at CP58-1 TSAP.
- Splicing at CP60.
- BMP maintenance from CP58-1 to CP60 and at CP62A.

Non-Federal Land

- Vegetation maintenance at CP55 and CP75-1.
- Final grade at/from CP12-N-B, CP12-1-E, CP13-2-E-B, CP15-1-E-B to CP24-1-E, and CP65-1 pull site.
- Grouting at CP34-2 and CP35-2.
- Miscellaneous tower work at CP32-2, CP34-2, and CP36-1.
- QA/QC at CP33A, CP36-1, CP37-2, CP74, CP78-2, CP85-1, and CP86.
- Wire prep from CP49-1 to CP55.
- Conductor flown from CP43-1 to CP49-1.
- Clipping in from CP43-1 to CP49-1.
- Sagging and dead-end work from CP43-1 to CP48-2.
- Jumper work from CP43-1 to CP49-1.
- Insulator and spacer work at CP44-1.
- OPGW flown from CP43-1 to CP49-1.
- OPGW sagged from CP55 to CP65-1.
- Guard structure work at CP56-1.
- Guard structure removal at GS-NF-6, GS-NF-7, and GS-NF-8.
- Equipment staged at CP55.
- Marker balls staged at CP62-2 TSAP.

- Equipment demobilized at CP49-1 pull site.
- Guard structure installation at CP36-1.
- BMP installation and maintenance at:
 - CP16-1 to CP19-1, CP21 to CP29-1 (including pull sites and guard structure), CP31-2, CP31-2 pull site east, CP32-2 to CP37-2, CP39, CP40-2, CP43-1, CP43-1 pull site east, CP44-1, CP48-2 to CP50-1, CP55, CP56-1, CP57, CP62-2 to CP64-2, CP65-1 pull site, CP71, CP74-2, CP75-1, CP78-2, CP80-2, CP82-1 to CP84, CP86, CP87/CP88 pull site, CP95/CP96 pull site, CP98-1, CP109-1, GS-NF-2, GS-NF-3, GS-NF-5, GS-NF-6, GS-NF-7, and GS-NF-9.

Miramar

- Access road construction/maintenance at CP10 and CP11-1.
- Final grade at CP3 and CP7.
- BMP installation and maintenance at CP2, CP3, CP3 pull site, CP6-1 to CP9-1, and CP11-1 to CP15-1.

69kV

- BMP installation/maintenance at TL6924 Locations 3, 4, and 10, and TL6915 Location 3.

12kV

- Wire was previously stolen was replaced near GS-NF-8.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Installation of Bird Deterrents on Riser Structures – Slay and Loritz properties.
- Fiber Splicing and Termination Repair – Loritz property.
- Coolant Testing, Sending and Receiving/Cooling Line – CalTrans Bore Site
- Work inside vault 4R.
- Work inside MH4 and MH5.
- Racking inside V15L and V16L.

Suncrest Substation Construction (Link 3)

- Clean-up activities along Bell Bluff Truck Trail.
- Moving equipment to the Wilson Yard to be hauled off.
- Hauling off rock crushing equipment and excavator.
- Disassembly of the rock crushing plant.
- Wiring inside the control shelter.
- Fence installation completed around water tank.
- Fence installation around the reactors and perimeter of substation pad.
- Spreading class 2 base in the southeast quadrant and finish grading.
- Spraying east cut slope with Permeon to darken the rock.
- Spreading select fill material and class 2 base in the southeast quadrant to bring it to rough grade.
- Installation of guardrail along Bell Bluff Truck Trail.
- Electrical testing.
- Pouring concrete in the southeast detention basin.
- Installation of jute netting on the eastern slopes of the substation pad.

- Drain work in the transformer oil containment pits.

Substation Upgrades

San Luis Rey:

- Wiring crews working inside the control house.

Encina:

- SDG&E relay and wiring crews performing wiring near the control house.
- SDG&E crews installing a new gas circuit breaker, disconnects, and wiring in Bay 1.

Scripps:

- No Sunrise-related work.

Pomerado:

- Bee hive found outside NW entrance gate and was treated by exterminator.

Imperial Valley:

- No Sunrise-related work.

Sycamore:

- SDG&E Kearny Mesa crews worked on 69 kV bus upgrades and testing new gas circuit breakers that were placed inside the 69kV rack.
- Roel construction crew drilling for a new tower location just outside the northeastern corner of the control house.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, water staging, vegetation maintenance, and staging for micropile, QC, road, and BMP crews.
- Helix Yard – Helicopter operations, weed wash station, dust suppression, and staging for assembly, wire, road, erection, BMP, and QC crews.
- El Monte Yard – Hauling fertilizer to site and grading as part of restoration, rock and rumble plate removal from the entrance, and discing of yard.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, and staging for QC, road, gate, and BMP crews.
- Wilson Yard – Dust suppression, tower assembly, and staging for BMP crew.
- SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station, and staging for micropile, road, erection, and BMP crews.
- Barrett Canyon Yard – No activity.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, tower assembly, vegetation maintenance, and staging for conventional foundation, micropile, BMP, erection, and QC crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, weed treatment, tower assembly, and staging for micropile, erection, QC, and BMP crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, tower assembly, hauling steel to yard, and staging for BMP and micropile crews.
- McCain Valley Yard – Helicopter operations, water staging, dust suppression, tower hookers, tower assembly, and hauling steel.
- Rough Acres Yard – Helicopter operations, water staging, dust suppression, tower assembly, material hauling and staging, weed wash station, and staging for erection, QC, hauling, road, wire,



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- conventional foundation, micropile, and BMP crews.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for QC, BMP, and micropile crews.
- Plaster City Yard – Restoration largely complete.
- S2 Yard – Application of a thick tackifier across the site per BLM request. Restoration complete.

Wildlife Reporting

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

- Red Diamondback Rattlesnake (*Crotalus ruber*) – One (1) red diamondback rattlesnake was found dead at the EP254-3.
- Two-striped Garter Snake (*Thamnophis hammondi*) – One (1) two-striped garter snake was found dead on the access road near EP63.

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

- Red Diamondback Rattlesnake (*Crotalus ruber*) – One (1) red diamondback rattlesnake was relocated from EP236/EP237 pull site.
- Two-striped garter snake (*Thamnophis hammondi*) – Four (4) two-striped garter snakes were relocated; three (3) from a drop tank on the access road to Kreutzkamp Yard and one (1) near the guard shack on the access road near Kreutzkamp Yard.
- Coastal Rosy Boa (*Lichanura trivirgata roseofusca*) – One (1) coastal rosy boa was relocated from the access road near CP44.
- Coast Horned Lizard (*Phrynosoma blainvillii*) – One (1) coast horned lizard was relocated from CP44.

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.

Variations and TEWS

- No new variations 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, and photos, appropriate BMPs for stormwater and non-stormwater were implemented. Any sites requiring repairs began within 72 hours of identification.



Coast horned lizard being relocated from CP44. *(Photo courtesy of Garrett Huffman)*

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 04/07/2012

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 04/07/2012

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 04/07/2012

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 04/07/2012					
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 04/07/2012

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
4/7/2012			No ravens observed					
4/6/2012			No ravens observed					
4/5/2012			No ravens observed					
4/4/2012			No ravens observed					
4/3/2012			No ravens observed					
4/2/2012	S2 Yard	1		1				no
4/1/2012			No ravens observed					
3/31/2012			No ravens observed					
3/30/2012			No ravens observed					
3/29/2012			No ravens observed					
3/28/2012			No ravens observed					
3/27/2012			No ravens observed					
3/26/2012			No ravens observed					
3/25/2012			No ravens observed					
3/24/2012			No ravens observed					
3/23/2012			No ravens observed					
3/22/2012			No ravens observed					
3/21/2012	Plaster City Yard	2			2			no
3/20/2012			No ravens observed					
3/19/2012			No ravens observed					
3/18/2012			No ravens observed					
3/17/2012			No ravens observed					
3/16/2012	EP363	1			1			no
3/15/2012			No ravens observed					
3/14/2012			No ravens observed					
3/13/2012	Plaster City Yard	6		4			2	no
3/12/2012	Plaster City Yard	5		2			3	no
3/11/2012			No ravens observed					
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					

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

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

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

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

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

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

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

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

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