

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.
- Topographic survey ties for additional grounding locations near EP107-3 to EP108-2, EP112-3 to EP112A-1, EP141 to EP144, and EP238-1 to EP252A-1.
- Staked, flagged, and refreshed work areas near CP43-1/CP44-1 variance work space and EP227/EP228 TEWS.
- 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 the access road to SWAT Yard, access road to Helix Yard, access road to EP220, access road to Barrett Yard, Sycamore Yard, Kreutzkamp Yard, Thing Valley Yard, and access road to CP40.

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:
 - 132 Biological monitors.
 - 3 Archaeological monitors.
 - 3 Native American monitors.
 - 8 SWPPP monitors.

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

OVERHEAD			
Agency	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	161 of 169	139 of 169	76 of 169
Bureau of Land Management	164 of 179	142 of 179	116 of 179
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	63 of 76	18 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			
97 Percent Complete			

Overhead Construction

- Link 1
 - Vegetation maintenance at EP215, EP217-1, and EP218-1.
 - BMP maintenance at EP144 to EP152-2, EP170 to EP205-2 (including pull sites and guard structures), EP173-1-N to EP220-1-N, EP195-2 to EP211 (including pull sites and guard structures), EP213 to EP215 (including pull sites), EP217-1 to EP219-1 (including pull sites and guard structures), EP220-1 guard structure, EP221-2, EP221A, EP224-1 to EP227, EP229-1 to EP238-1 (including pull site), EP239-1 to EP253-2, EP255-2 pull sites, EP255-2, EP314, EP315-1, and EP317.

- Micropile drilling at EP254-3.
 - Pull testing and trimming at EP254-3.
 - Micropile capping work at EP144, EP146, EP147, EP188-1, EP194-3, EP246, EP249-1, and EP254-3.
 - Tower assembly at EP145, EP191-2 to EP195-2, EP220-1 pull site, EP221-2, EP221A, EP225-1, EP228, EP237-1, and EP249-1.
 - QA/QC at EP171 to EP180, EP219-1, EP220-1, EP228 to EP230-1, EP233-1 to EP236-1, EP239-1, EP240, EP245-1 to EP247, and EP252-1.
 - Snub installation at EP237-1 pull site.
 - Jumpers installed at EP220-1, EP223-1, and EP224-1.
 - Sagging at EP220-1 and from EP220-1 pull site to EP226-1 pull site.
 - Deadend work at EP220 and EP223-1.
 - Insulator work at EP220-1 pull site and EP220-1.
 - Sockline and hardline pulled for all phases on C phase from EP219-1 to EP220-1.
 - Sockline, hardline, and conductor flown for all phases from EP220-1 pull site to EP226-1 pull site.
 - Fiber optic work and fiber splicing at EP177.
 - Demobilization of equipment from EP220-1 pull site.
 - Clean up from EP170 to EP205-2.
 - Weed treatment at EP239-1, EP240, EP242, EP243 to EP245-1 (including pull site), EP247 guard structure, EP247, EP342 to EP348, EP350 to EP352, EP354 to EP357, EP359, EP360, and EP362-1.
 - Installed habitat restoration signs at EP200A, EP201, EP203, EP204, EP219-1, EP294 to EP299, EP314 pull site, EP332 to EP347, EP349, EP351, EP352, EP354 to EP360, and EP362-1.
- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-B, Thursday-B, Friday-B, and Saturday-B. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Vegetation maintenance at EP57-2 and EP58-1.
- Access road construction/maintenance at EP9-1-N.
- Gate work at EP35-1-N.
- Micropile drilling at EP21-1, EP23-2, EP29-2, EP33-1, EP35-1, EP57, EP58-2, and EP115-1.
- Grouting at EP19-1, EP20-2, EP21-1, EP22-1, EP25-2, EP28-3, EP31-1, EP33, EP34-1, EP35-1, EP118-2, EP120A, EP121-3, EP122-1, EP123-1, EP124, and EP129.
- Micropile trimming at EP114-2.
- Micropile pull testing at EP18, EP19-1, EP20-2, EP22-1, EP28-3, EP29-2, and EP114-2.
- Micropile capping crew at EP2-3, EP5-2, EP7-1, EP8-2, EP13-3, EP14-1, EP16-1, EP17, EP18, EP28-3, EP116-1, and EP117-2.
- Conventional drilling at EP36-1.
- Equipment demobilized at EP11-3.
- Tower assembly at EP109-1, EP112A-1, and EP113-5.
- QA/QC at EP113-5.
- Ground resistance testing at EP112A-1, EP113-5, and EP122-3.
- BMP maintenance at:



- EP2-3 to EP9-1, EP9-1 pull site, EP11-3, EP11-3-N, EP12-3, EP12-3 pull sites, EP13-1 to EP16, EP19-1, EP20-2, EP22-1, EP22-1 pull site, EP23-2, EP23-2 pull site, EP24-1, EP34-1 to EP37-2, EP57-2, EP58-2, EP105-2-E-A, EP108-2 to EP113-5 (including the pull sites), EP116-1 to EP118-2 (including pull sites), EP120-4 to EP122-1, EP124, EP124/125 pull site, EP125, EP125-E-B, EP126-1, EP126-1-E, EP127, EP127-E, EP129-E-A, EP129-E-B, EP130-1, EP131, EP131-E, EP138-2-E-A, EP138-2-E-B, EP140-1, EP141, EP141-E-A, EP141-E-B, EP141-E-C, EP141-N, EP141 to EP143-1 (including pull sites), and GS-USFS-3.

BLM Land

- Vegetation maintenance at EP71 and EP74-1.
- Grading at EP98-1 and EP101-2 pull site.
- Access road improvements from EP94-N to EP101-2-PS-E.
- Micropile drilling at EP48-2, EP50, EP53-1, EP71, EP72, EP73, EP74-1, EP75-2, and EP76-2.
- Tower assembly at EP68.
- Ground resistance testing at EP103-2.
- BMP installation/maintenance at:
 - EP39-1, EP41-1, EP42-2, EP42-2 pull site, EP47-2 pull site, EP48, EP50, EP51-1, EP53-3, EP56-4, EP63, EP68 to EP72, EP74-1 to EP76-2, , EP94 to EP99-2 (including access roads), EP103-2, EP103-2-N, EP103A, and EP103A-2-N.

Non-Federal Land

- Grading at EP83, EP89-1, and EP91 pull sites and access roads.
- Micropile drilling at EP48, EP50, EP62A-1, EP78, and EP83.
- Micropile grouting at EP82 and EP88-2.
- Micropile capping work at EP79.
- Conventional drilling at EP65-1.
- Tower assembly at EP1-3, EP67, EP84, EP85-2, and EP91.
- Ground resistance testing at EP86-1, EP104-2, and EP105-2.
- Cleanup at EP93.
- BMP installation/maintenance at:
 - EP1-4, EP25-2 to EP27-1, EP30-2 pull site to EP32-1, EP52-1, EP54-1, EP54-1 pull site, EP62A-1, EP64 to EP67 pull site, EP77 to EP81 (including pull site), CY-BARTLETT-E, EP84-E-B, EP83 to EP89-1 (including pull sites), EP91 to EP93 (including pull sites and access roads), EP104-2, EP104-2-N, EP105-2-N, EP105-2 to EP107-3, EP119-2, GS-NF-16, GS-NF-18, GS-NF-22, GS-NF-26, and GS-NF-29.

• Link 5

- During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-B, Thursday-B, Friday-B, and Saturday-B. 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-N, CP99-2, CP100-1-N, and CP100-1.

BLM Land

- No work occurred during this reporting period.

Non-Federal Land

- Grading at CP43-1 pull site north.
- Final grade at CP15-1 pull site east and CP43-1 pull site.
- Spreading class II base at CP15-1 pull site east.
- Micropile capping work at EP35-2.
- Ground rod installation at CP28-1 and CP33-2.
- Ground resistance testing at CP74-2.
- QA/QC at CP33A, CP34-2, and CP41-2 to CP48-2.
- Wire prep at CP43-1 and CP49-1.
- Sockline, hardline, and conductor pulled on the north side from CP56-1 to CP65-1.
- Sagging from CP56-1 to CP65-1.
- Deadend work from CP58-1 to CP65-1.
- Splicing at CP82-1.
- Traveler work at CP51-2, CP52, CP54-1, and CP55.
- Guard structure installation at CP36-1, CP43-1, CP44-1, and CP53.
- Cleanup at CP47-2, CP51-2, CP52, and CP55.
- BMP installation and maintenance at:
 - CP15-1 pull site east to CP23, CP23-PS-N-A, CP25-2 to CP31-2 (including pull sites and guard structure), CP32-2, CP33-2, CP36-1, CP36-1 guard structure, CP37-2, CP40-2 to CP46 (including guard structures and pull sites), CP47A-1 to CP49-1, CP49-1-PS-E, CP49-1-PS-N, CP49-1 pull site, CP50-1 to CP53-1, CP56-1 pull site, CP56-1-PS-E-A, CP56-1-PS-E-B, CP65-1-PS-N, CP65-1 pull site, CP71, CP72-2, CP74-2 to CP84, CP85-1, CP86, CP87-1/CP88-1 pull site, CP95-1/CP96-1 pull site, CP98-1, and CP109-1.
- Restoration at CP43-1 pull sites.

Miramar

- Final grade at CP15-1 pull sites.
- Cleanup at CP15-1.
- BMP installation and maintenance at CP2, CP3, and CP6-1 to CP15-1 pull sites.
- Restoration began at CP14 and CP15-1.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Work inside Vaults, Equipment Set-up, Test Set Up, and High Voltage Test – Loritz Property.
- Sealing and Hydroseeding – Bauer driveway.
- Fiber Splicing – V2R, V15R, and V20R.
- BMP Maintenance and Slope Repair – Entire ROW.
- Storm Drain Repair – East of West Willows.
- Coolant Testing – Bore pit.

Suncrest Substation Construction (Link 3)

- Building forms and pouring concrete for retaining wall along east cut slope.
- Installing insulators and conductors in the 230kV and 500kV yards.
- Wiring inside the control shelter.

- Fence installation around water tank.
- Coating the insulators in the 500kV yard and on the series capacitor.
- Irrigation line installation below walls 2 and 3 on the southern fill slopes.
- Spreading select fill material in the southeast quadrant to bring it to rough grade.
- Pouring concrete base for retaining wall on eastern portion of Bell Bluff Truck Trail.
- Applied hydromulch to slopes on the perimeter of the pad.
- Rough grading detention basin in the southeast quadrant and forming the outlet headwall.
- Removing formwork and backfilling around headwall in southeast detention basin.
- Removed liner in temporary construction pond.
- Electrical testing.
- Installation of water line in the southeast quadrant.
- Cleanup of water line along Bell Bluff Truck Trail.
- Pavement removal for retention wall installation.
- Installation of storm drain in the southeast detention basin.

Substation Upgrades

San Luis Rey:

- Wiring crews working inside the control house.
- Kearny Mesa crew performing set up, preparing for wiring, and bus work inside the 69kV rack.

Encina:

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

Pomerado:

- SDG&E crew on site dropping off material and performing 69kV set up work.

Imperial Valley:

- No Sunrise-related work.

Sycamore:

- SDG&E Kearny Mesa crews worked on 69 kV bus upgrades and wiring new gas circuit breakers that were placed inside the 69kV rack.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, water staging, and staging for micropile, road, and BMP crews.
- Helix Yard – Helicopter operations, weed wash station, dust suppression, and staging for assembly, wire, road, BMP, and QC crews.
- El Monte Yard – Driveway work near the yard and removal of the rumble plate.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, and staging for gate, road, BMP, and ESA crews.
- Wilson Yard – Dust suppression and tower assembly crews.
- SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station, and staging for micropile, vegetation maintenance, conventional foundation, and BMP crews.
- Barrett Canyon Yard – No activity.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, tower assembly, QC at yard, vegetation maintenance, and staging for conventional foundation, assembly, BMP, hauling, road, and erection crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression,



tower assembly, and staging for micropile, erection, vegetation maintenance, assembly, QC, wire, road, and BMP crews.

- Thing Valley Yard – Helicopter operations, water staging, dust suppression, tower assembly, hauling steel to yard, repair earthwork associated with erosion damage to pull site within yard, tackifier application, and staging for BMP, assembly, road, and micropile crews.
- McCain Valley Yard – Helicopter operations, water staging, dust suppression, tower hookers, tower assembly, and staging for BMP crews.
- Rough Acres Yard – Helicopter operations, water staging, dust suppression, tower assembly, material hauling and staging, weed wash station, and staging for erection, QC, assembly, hauling, road, wire, micropile, and BMP crews.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for QC, micropile, habitat assessment, and assembly crews.
- Plaster City Yard – Water staging, tackifier application, and wildlife fence removal along yard perimeter.

Wildlife Reporting

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

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

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

- Coronado Skink (*Plestiodon skiltonianus interparietalis*) – Two (2) Coronado skinks were relocated; one (1) from the access road into Kreutzkamp Yard and one (1) from within the Kreutzkamp Yard.
- Two-striped Garter Snake (*Thamnophis hammondi*) – One (1) two-striped garter snake was relocated from the access road to Kreutzkamp Yard.
- Coastal Rosy Boa (*Charina trivirgata*) – One (1) coastal rosy boa was relocated from EP228.

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

- Variance #40 was approved on March 22, 2012, for construction activities at San Vicente CP43 pull site.

Weather

- Rain events occurred on March 20, 2012, and March 23, 2012.
 - Post storm totals for March 20, 2012:
 - Rough Acres Yard – 1.80 inches
 - JVR Yard – 1.20 inches
 - Thing Valley Yard and EP120 to EP143 – 2.10 inches
 - Bartlett/Hauser Yard and EP73 to EP119 – 3.10 inches
 - EP2 to EP42 and SWAT Yard – 4.20 inches
 - EP43 to EP72 and Kreutzkamp Yard – 3.10 inches
 - Suncrest Substation – 4.45 inches
 - Alpine HQ, Alpine Storage Yard, and Link 4 – 2.90 inches
 - CP3 to CP24 and Sycamore – 1.20 inches
 - CP25 to CP36 – 2.00 inches
 - CP37 to CP53 – 1.70 inches
 - CP54 to CP70, Helix Yard, CP71 to CP86, and El Monte Yard – 1.70 inches
 - CP98 to CP100 – 3.25 inches
 - CP101 to CP109 and Wilson Yard – 4.45 inches
 - Encina Substation – 0.65 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.

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 03/24/2012

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 03/24/2012

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 03/24/2012

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 03/24/2012					
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 03/24/2012

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
2/13/2012			No ravens observed					
2/12/2012			No ravens observed					
2/11/2012			No ravens observed					
2/10/2012			No ravens observed					
2/9/2012	S2 Yard	2		2				no
2/8/2012	S2 Yard	3		2			1	no
2/7/2012	S2 Yard	3		2			1	no
2/6/2012	S2 Yard	3		2			1	no
2/5/2012			No ravens observed					
2/4/2012	S2 Yard	2			2			no
2/3/2012			No ravens observed					
2/2/2012	Pull site EP338/EP339	2			2			no
2/2/2012	S2 Yard	1		1				no
2/1/2012	Pull site EP338/EP339	3		3				no
1/31/2012	EP330	2		2				no
1/30/2012			No ravens observed					
1/29/2012			No ravens observed					
1/28/2012			No ravens observed					
1/27/2012	Plaster City Yard	2					2	no
1/26/2012	S2 Yard	2		2				no
1/26/2012	EP341	2			2			no
1/26/2012	EP316	2		2				no
1/25/2012	EP324	1		1				no
1/24/2012			No ravens observed					
1/23/2012			No ravens observed					
1/22/2012			No ravens observed					
1/21/2012			No ravens observed					
1/20/2012			No ravens observed					
1/19/2012	EP326-EP328	2		2				no
1/18/2012	EP334	1		1				no
1/17/2012	EP329-1	2			2			no
1/16/2012			No ravens observed					
1/15/2012			No ravens observed					
1/14/2012			No ravens observed					
1/13/2012			No ravens observed					
1/12/2012			No ravens observed					
1/11/2012			No ravens observed					
1/10/2012			No ravens observed					
1/9/2012			No ravens observed					
1/8/2012			No ravens observed					
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
12/5/2011	EP363	2		2				no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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							
11/5/2011	S2 Yard	7			7			no
11/5/2011	IV Substation	1			1			no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
10/13/2011	Dunaway CY	5					5	no
10/13/2011	Fromm CY	1					1	no
10/13/2011	EP354-EP363	2			2			no

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

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

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

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

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