

This report provides a summary of environmental monitoring and compliance activities conducted by Burns and McDonnell (BMcD) staff and BMcD subconsultants for the San Diego Gas & Electric (SDG&E) Sunrise Powerlink Project during the above weekly time period.

Training

- SWEAP and PBS training continued for new Project personnel every Tuesday and Thursday. Additional trainings were provided as requested.
- Flat-tailed horned lizard (FTHL) trainings were provided to any new crew members or monitors prior to construction per mitigation measure B-7b and in accordance with the FTHL Rangeland Management Strategy. During morning tailboard meetings, guidelines were provided about recognizing, protecting, and notification requirements for FTHL. FTHL information cards were made available to any crew members or monitors as needed.

Pre/Post Construction

- Avian biologists surveyed for nesting birds prior to work commencing in inactive areas. For sites off of USFS lands, the results of those surveys were submitted to the CPUC/BLM biologist for review and concurrence. For USFS lands, the results of those surveys were submitted to the USFS for review and concurrence. For any active nests found, a buffer was established and no construction activities were permitted within the buffer area without consultation with the CPUC/BLM/USFS biologist. Active nests were mapped and monitored for success or failure and updated on the nest monitoring log.
- As-built topographic surveys at CP14 to CP15-1.
- Staked, flagged, and refreshed work areas near CP53-1/CP54-1.
- Post construction impact survey of structure work area at EP92 to EP99-2.
- Northern route clean-up from Gunn Stage Road to Littlepage Road, Littlepage Road to West Side Road, Creelman Road to Vista Ramona Road, Mesa Grande Road to Santa Ysabel, West Side Road to Mesa Grande Road, and Hwy 67 to San Vicente Road.
- Additional signs and stakes were repaired as needed. Due to traffic and narrow access roads, broken stakes and run over signs were replaced. Maintenance (e.g., writing over faded signs, reinforcing signs/stakes in the ground, replacing zip ties, and adding additional signs) was performed as needed. The ESA Team conducted the following activities during this reporting period:
 - Repaired, refreshed, replaced, and maintained the previously installed project signs and ESAs near EP254 to access road, El Monte to access road, EP125 to access road, EP127, EP129, EP130, McCain Valley Road, Thing Valley to access road, Rough Acres Yard to access road, JVR Yard, EP95, and EP36.

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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- 128 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	165 of 169	142 of 169	85 of 169 EP221A to EP225-1 CP56-1, CP57 CP62-2, CP63-3, CP64-2
Bureau of Land Management	168 of 179	147 of 179	121 of 179 CP58-1 to CP62A
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	70 of 76	19 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 from EP215 to EP218-1.
 - Final grading at EP173-1, EP176, EP179, EP197-3-E to EP205-2-E, EP201-2, EP202-3, and EP218-1.
 - Trimming at EP147 and EP148-1.
 - Pull testing at EP147 and EP148-1.
 - Micropile capping work at EP147, EP148-1, EP188-1, EP189-3, EP195-2, EP196-2, EP237-1, and EP254-3.
 - Tower assembly at EP149-1, EP188-1, EP190-2, EP198-3, EP221-2, EP221A, EP229-1, EP252A-1, and EP254-3.
 - QA/QC at EP170, EP187-2, EP198-3, EP200-3, EP211, EP215, EP221A, EP223-1, EP224-1, EP228, EP229-1, EP236-1, and EP237-1.
 - Ground resistance testing at EP237-1.
 - Grounds removed from EP295.
 - Equipment staging at EP226-1 and EP237-1 pull sites.
 - Guard structure installation at EP243/EP244 pull site.
 - Jumpers installed at EP363-1.
 - Traveler work from EP226-1 pull site to EP237-1 pull site.
 - Insulator work at EP220-1 pull site
 - Sockline, haulback, and conductor flown for all phases from EP226-1 pull site to EP237-1 pull site.
 - Sagging from EP226-1 pull site to EP237-1 pull site.
 - OPGW flown and clipped in from EP220-1 pull site to EP226-1 pull site.
 - Splicing at EP177 and EP215.
 - Cleanup at EP148-1.
 - BMP maintenance at/from EP144 to EP152-2, EP170 to EP175 (including pull site), EP179 to EP193-2 (including pull sites), EP187-2-E-A to EP205-2-E, EP194-3 to EP209-1, EP211 to EP220-1, EP220-1 pull site and guard structure, EP221-2 to EP223-1, EP226-1 to EP2449-1, EP250 to EP255-2 (including pull sites and guard structure), EP314 pull site, EP314, EP315-1, and EP317. Soil stabilization testing at/from EP295 to EP299, EP318-1, EP321-1, EP324, EP352 to EP360, and EP362-1.
 - Weed treatment at EP313, EP313 pull site, EP316-2, EP318-1, EP322-1, EP324, EP327, EP328-1, EP329-1, EP331 to EP340 (including pull site).
 - Seeding from EP173-1 to EP175.
 - Hydromulching at EP205-2.

- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-B, Thursday-B, and Friday-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, GS-USFS-5, and EP120-4.
- Access road construction/maintenance at EP9-1-N, EP11-3-N, EP22-1-PS-N, EP23-2-PS-N, and EP23-2-E.
- Grading at EP11-3.
- Micropile drilling at EP10-2, EP21-1, EP23-2, EP57-2, EP58-2, and EP115-1.
- Grouting at EP33-1, EP35-1, EP37-2, EP57-2, EP120-4, EP121-3, EP121A-1, EP122-1, EP123-1, EP124, and EP129.



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- Micropile pull testing at EP20-2, EP22-1, EP24-1, EP114-2, EP115-1, EP128, and EP129.
- Micropile capping crew at EP128 and EP129.
- Conventional drilling at EP36-1.
- Concrete pouring at EP36-1.
- Miscellaneous foundation work at EP36-1.
- Equipment demobilized from EP11-3 and EP36-1.
- Tower assembly at EP9-1, EP12-3, EP109-1 to EP111-4, EP112A-1, EP113-5, and EP114-2.
- QA/QC at EP109-1, EP112-3, EP112A-1, and EP113-5.
- BMP maintenance at:
 - EP2-3 to EP9-1, EP9-1 pull site, EP9-1-N, EP11-3-N, EP12-3 pull sites, EP12-3-PS-N, EP12-3-PS-S, EP13-1 to EP20-2, EP22-1 to EP24-1, EP28-3, EP29-2, EP33-1 to EP37-2, EP108-2 to EP111-4, EP113-5 to EP118-2, EP120A to EP121A-1, EP123-1 to EP131 (including access roads and pull sites), EP140-1-N, EP140-1, EP141, EP141-E-A, EP141-E-B, EP141-E-C, EP141-N, EP142-1, EP143-1, GS-USFS-3, and GS-USFS-4.
- Hydromulching at EP125-N, EP126-1-E, EP127-E, and EP129-E-B.

BLM Land

- Vegetation maintenance at EP69 and EP94-N to EP96-E.
- Grading at EP94 to EP97, and EP95-N.
- Helicopter platform installation at EP69.
- Micropile drilling at EP50, EP63, EP71, EP72, EP74-1, EP75-2, and EP76-2.
- Micropile grouting at EP40-1, EP41, EP48, and EP53-3.
- Micropile capping work at EP48, EP50, and EP53-3.
- Equipment demobilized from EP41.
- Tower assembly at EP39-1, EP101-1, and EP102-3.
- QA/QC at EP42 and EP99-2.
- BMP installation/maintenance at:
 - EP39-1-N-A, EP39-1-N-B, EP40-1, EP42-N, EP42, EP42 pull site, EP47-2 pull site, EP48, EP50, EP51-1, EP53-3, EP56-4, EP63, EP68, EP69, EP71 to EP73-1 (including access roads), EP94 to EP98-1 (including access roads), EP99-2 (including access road and pull site), and EP101-2 to EP103A.

Non-Federal Land

- Vegetation maintenance at EP52-1, EP64, and EP77.
- Sound wall installation at EP119-2.
- Grading at EP92 and EP93.
- Micropile drilling at EP52-1, EP62A-1, EP64, and EP78A.
- Micropile grouting at EP78.
- Micropile trimming at EP83.
- Micropile pull test at EP25-2 and EP87-1.
- Micropile capping prep at EP62A-1.
- Micropile capping work at EP77 and EP79.
- Conventional drilling at EP65-1.
- Miscellaneous foundation work at EP65-1.
- Concrete pouring at EP65-1.
- Tower assembly at EP1-3, EP32-1, EP85-2, EP86-1, and EP91 pull site west.
- Equipment demobilized from EP85-2.

- QA/QC at EP84, EP86-2, EP89-1, and EP91.
 - BMP installation/maintenance at:
 - EP1-3, EP25-2 to EP27-1, EP30-2 to EP32-1 (including pull site), EP52-1, EP54-1, EP54-1 pull site, EP62A-1, EP64 to EP67 pull site, EP77, EP78A to EP89-1 (including pull sites), EP91 to EP93 (including pull sites and access roads), EP105-2-N, EP104-2 to EP107-3, GS-NF-15, GS-NF-17, GS-NF-18, GS-NF-22, and GS-NF-26.
 - Weed abatement at the EP83, EP83 pull sites, EP84, EP89-1 pull sites, and EP91 pull sites.
- Link 5
 - During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-B, Thursday-B, and Friday-B. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

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

BLM Land

- Clipping in and deadend work from CP56-1 to CP63-3.
- OPGW pulled, clipped in, and sagged from CP56-1 to CP65-1.
- Spacers installed from CP55 to CP65-1.
- BMP maintenance from CP58-1 to CP62A.

Non-Federal Land

- Tower assembly at CP27, CP28-1, CP34-2, and CP35-2.
- Miscellaneous tower work at CP83.
- QA/QC at CP21, CP28-1, CP32-2, CP33A, and CP35-2 to CP37-2.
- Wire prep at CP83.
- Sock line, hardline, and conductor pulled on the north side from CP56-1 to CP65-1.
- Sock line, hardline, and conductor flown on the western side from CP43-1 to CP49-1.
- Sock line flown from CP43-1 to CP49-1.
- Clipping in and deadend work from CP56-1 to CP63-3.
- OPGW pulled, clipped in, and sagged from CP56-1 to CP65-1.
- Spacers installed from CP55 to CP65-1.
- Traveler work from CP32-2 to CP36-1 and CP43-1 to CP49-1.
- Insulator work from CP32-2 to CP36-1.
- Guard structure installation at CP36-1.
- BMP installation and maintenance at:
 - CP16-1 to CP19-1, CP22-1 to CP27 (including pull sites), CP28-1, CP31-2, CP32-2, CP33A, CP36-1, CP36-1 guard structure, CP37-2, CP39, CP40-2, CP43-1, CP44-1, CP49-1-PS-E, CP49-1-PS-N, CP56-1-E, CP50-1 to CP56-1, CP56-1 pull site, CY-HELIX-E, CP62-2 to CP64-2, CP71, CP72-2, CP76-1, CP77, CP79-1 to CP84, CP96-1-E, and CP98-1.
- Hydromulching at CP87-1, CP88-1, and CP88-1-N-B.

Miramar

- Access road construction/maintenance at CP10 and CP11-1.
- Final grade at CP3, CP7, and CP8-2.
- Pad work at CP11-1.
- OPGW installed and repaired at CP15-1.
- BMP installation and maintenance at CP2, CP3, CP7 to CP12-1, CP14, and CP15-1.

12kV

- No work occurred this reporting period.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Installation of Bird Deterrents on Riser Structures – Slay and Loritz properties.
- Hydroseeding – Bauer property, along Viejas Creek, and adjacent to V19R.
- Fiber Splicing – V18R and Bauer/Loritz properties.
- Electrical Set Up & Testing – Loritz property.
- 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 and inlet structures.
- Wiring inside the control shelter.
- Fence installation around water tank and perimeter of substation pad.
- Coating the insulators on the series capacitor.
- Irrigation line installation below wall 2, on the southern fill slopes and along the substation entry road.
- Spreading select fill material and class 2 base in the southeast quadrant to bring it to rough grade.
- Removing liner in temporary construction pond.
- Electrical testing.
- Installation of water line in the southeast quadrant.
- Lining bio-swale on eastern end of Bell Bluff Truck Trail.
- Drain work in the transformer oil containment pits.
- Installation of storm drain in the southeast detention basin.

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 were unloading material deliveries outside the switchyard.

Pomerado:

- SDG&E crew on site dropping off material.
- Avian surveys conducted. No new nests located.
- Bee hive found outside NW entrance gate; will be removed by exterminator.

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.
- SDG&E crew removed a raven nest under construction with the assistance of an avian biologist. The nest was cleared for removal by CPUC.
- Conducted avian surveys.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, water staging, and staging for micropile caps, QC, erection, wire, 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 – No activity.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, and staging for QC, conventional foundation, road, BMP, and ESA crews.
- Wilson Yard – Dust suppression and tower assembly.
- SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station, vegetation maintenance, and staging for micropile, conventional foundation, conventional assembly, road, erection, and BMP crews.
- Barrett Canyon Yard – No activity.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, tower assembly, QC at yard, and staging for conventional foundation, assembly, vegetation maintenance, micropile, BMP, road, and QC crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, tower assembly, and staging for micropile, erection, conventional assembly, vegetation maintenance, assembly, 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 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, assembly, hauling, road, wire, 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, habitat assessment, and assembly crews.
- Plaster City Yard – No activity.

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 EP236/EP237 pullsite.

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 EP116-1.
- Coast Horned Lizard – (*Phrynosoma blainvillii*) – One (1) coast horned lizard was relocated from EP179.

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 #35 for additional work space between EP227 and EP228 was approved on March 27, 2012.

Weather

- Rain events occurred on March 26, 2012.
 - Post storm totals for March 26, 2012:
 - Rough Acres Yard – 0.20 inches
 - JVR Yard – 0.10 inches
 - EP2 to EP42 and SWAT Yard – 0.60 inches
 - EP43 to EP72 and Kreutzkamp Yard – 0.30 inches
 - Suncrest Substation – 0.35 inches
 - Alpine HQ, Alpine Storage Yard, and Link 4 – 0.50 inches
 - Sycamore Yard – 0.15 inches
 - Helix Yard – 0.20 inches
 - CP98 to CP100 – 0.25 inches
 - Encina Substation – 0.40 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



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72 hours of identification.

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 03/31/2012

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 03/31/2012

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 03/31/2012

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 03/31/2012					
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 03/31/2012

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

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

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

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

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

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

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

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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							
7/16/2011	CP42-1	not specified						no
7/15/2011	No ravens observed							
7/14/2011	EP357	not specified						no
7/14/2011	EP358	not specified						no
7/14/2011	EP359	not specified						no
7/14/2011	Plaster City Yard	2		2				no
7/13/2011	EP313-EP314 PS	not specified						no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
7/13/2011	S2 Yard	3					3	no
7/12/2011	CP18-1	not specified						no
7/12/2011	CP19-1	not specified						no
7/12/2011	CP22-1	not specified						no
7/11/2011	EP304-EP314	not specified						no
7/10/2011	No ravens observed							
7/9/2011	EP351	not specified						no
7/9/2011	EP353	not specified						no
7/9/2011	EP354	not specified						no
7/9/2011	EP355	not specified						no
7/9/2011	not specified	not specified						no
7/9/2011	S2 Yard	3					3	no
7/8/2011	EP303	2			1		1	no
7/8/2011	EP303	1		1				no
7/8/2011	S2 Yard	3					3	no
7/1/11-7/7/11	No ravens observed							
6/30/2011	EP300	3		3				no
6/21/11-6/29/11	No ravens observed							
6/20/2011	S2 Yard	2					2	no
6/1/11-6/19/11	No ravens observed							
5/1/11-5/31/11	No ravens observed							
4/22/11-4/30/11	No ravens observed							
4/21/2011	EP341	1	1					no
4/1/11-4/20/11	No ravens observed							
3/1/11-3/31/11	No ravens observed							
2/1/11-2/28/11	No ravens observed							
1/21/11-1/31/11	No ravens observed							
1/21/2011	Rough Acres Yard	not specified						no