

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.
- Topographic survey ties for additional grounding locations near CP3, CP6-1, CP19-1, CP20, CP24-1, CP26, CP27, CP28-1, CP36-1, CP37-2, CP69-2 to CP100-1, EP9 to EP16-1, and EP65-1 to EP68.
- Post construction impact surveys near GS-NF-1, GS-NF-2, GS-USFS-1, GS-NF-11, GS-NF-31, GS-NF-32, CP15, CP15 north and south pull site, CP23 north and south pull site, GP24-1, CP25-2, CP28-1, CP29-1, CP70, CP71, CP75-1 north pull site, CP87-1/CP88-1 pull site, CP87-1, CP88-1, EP30-2 pull site, EP30-2, EP175, EP176, EP177, EP186-1, EP215, EP217-1, EP219-1, EP239-1, and EP245-1.
- Staked, flagged, and refreshed work areas near GS-NF-33, CP43/CP44 TEWS, EP170, EP171, EP172, EP173-1, EP174, EP175, EP176, EP177, EP178, EP179, EP180, EP220-1, and EP221-2.
- Footing QA/QC near EP77.
- 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 Kreuzkamp Yard, access road to Kreuzkamp Yard, Bartlett Hauser Yard, Rough Acres to McCain Yard, and Thing Valley 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



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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	156 of 169	136 of 169	76 of 169 EP92, EP93
Bureau of Land Management	164 of 179	141 of 179	116 of 179 EP94 to EP99-2
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	52 of 76	17 of 76	17 of 76
UNDERGROUND			
Agency	Vaults Installed	Trenches Excavated & Backfilled	
Non-Federal	40 of 40	42 of 42	
SUBSTATION UPGRADES			
3 of 7 Completed			
SUNCREST SUBSTATION			
96 Percent Complete			

Overhead Construction

- Link 1
 - Vegetation clearing and maintenance at EP184-1-E to EP185-1-C, EP186, EP187-2-N, EP191-2-N, EP192-2-N, EP193-2-N, and EP202-3.
 - Gate repair at EP172.
 - Final grading at EP172-N, EP173 to EP176, EP206-1, EP207, EP208-N, EP209-1, and EP363-1.
 - Micropile drilling and grouting at EP254-3.
 - Micropile trimming at EP228 and EP237-1.
 - Micropile capping work at EP148-1, EP224-1, EP228 to EP238-1, and EP254-3.
 - Tower assembly at EP150, EP188, EP189, EP192, EP193-2, EP194-3, EP196, EP198, EP223-1, EP224-1, EP228, EP237-1, EP246, EP249-1, EP342, and EP348.
 - QA/QC at EP191-2 to EP195-2, EP221-2, EP221A, EP223-1 to EP227, EP320-1, EP322-1, EP324, EP327 to EP330-1, EP335, EP342, EP348, and EP355.
 - Ground rod installation at EP188-1.
 - Ground resistance testing at EP188-1, EP196-2, EP246, and EP249-1.
 - Wire stringing preparation from EP219-1/EP220-1 pull site to EP226-1 pull site.
 - BMP installation/maintenance/repair at/from:
 - EP144 to EP152-2, EP170 to EP188 (including pull sites), EP190 to EP194-3 (including pull sites and guard structure), EP173-1-N, EP197-3 to EP211 (including pull sites and guard structures), EP213, EP215, EP215 guard structure, EP215 pull site north, EP217-1 to EP221A (including pull sites and guard structures), EP223-1, EP225-1 to EP227, EP229-1 to EP240 (including pull sites and guard structure), EP243 to EP245-1 to EP253-2 (including pull sites and guard structure), EP255-1, EP255-1 pull site, EP314, EP315-1, and EP317.
 - Hydromulching at EP219-1-PS-N and EP219-1 pull site north.
 - Weed abatement at EP170 to EP174 (including pull sites), EP176 to EP180 (including pull site), EP185-1, EP187-2/EP188-1 pull site, EP190-2 to EP193-2, EP192-PS, EP197-3, EP198-3, EP199-3, EP200-3 to EP202-3, EP250, EP252-1, EP254-3/EP255-2 pull site, and EP255-2.
- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-C, Tuesday-D, Wednesday-C, Thursday-C, Friday-C, and Saturday-A. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Vegetation maintenance at EP10-2, EP13-3, EP33-1, EP58-1, and EP115-1.
- Access road construction at EP11-3-E, EP12-3-N, EP35-1-E, EP36-1-E, EP112-3-E, EP112A-1-E, and EP126-1-N.
- Grading at EP11-3, EP12-3, and EP12-3 pull site.
- Gate work at EP35-1-N.
- Micropile drilling at EP21-1, EP22-1, EP23-2, EP33-1, EP35-1, EP114-2, EP115-1, EP118-2, EP121-1, and EP124.
- Grouting at EP15, EP16-1, EP17, EP19-1, EP22-1, EP28-3, EP116-1, and EP117-2.
- Micropile trimming at EP118-2.
- Micropile pull testing at EP13-3, EP14-1, EP15, EP28-3, and EP116-1.
- Micropile capping crew at EP4-3, EP5-2, EP14-1, EP15, EP16-1, EP17, EP109-1, and EP117-2.
- Conventional drilling at EP11-3 and EP36-1.

- Miscellaneous foundation work at EP11-3.
- Concrete pouring at EP11-3.
- Tower assembly at EP112-3, EP113-5, and EP109-1.
- BMP maintenance at:
 - EP2-3 to EP9-1 pull site, EP11-3, EP11-3-E, EP11-3-N, EP12-3, EP12-3 pull site, EP12-3-PS-N, EP12-3-PS-S, EP14-1 to EP23-2, EP28-3, EP29-2, EP34-1 to EP37-2, EP57-2, EP58-2, EP78A-E, EP108-2, EP110-2 to EP118-2 (including pull sites), EP120-4 to EP131 (including pull site), EP125-E-B, EP138-2-E-A, EP138-2-E-B, EP140-1-N to EP141-E, and EP139-1 to EP143-1.

BLM Land

- Vegetation maintenance at EP70, EP71, and EP76-2.
- Micropile drilling at EP48-2, EP53-1, and EP73.
- Micropile grouting at EP102A-1.
- Micropile pull test at EP102-3.
- Micropile cap work at EP101-2, EP102-3, and EP103-2.
- Tower assembly at EP101-2.
- Conductor pulled from EP91 pull site to EP101-2 pull site.
- Sagging and clipping from EP94 to EP101-2 pull site.
- Cleanup from EP94 to EP101-2 pull site.
- BMP installation/maintenance at:
 - EP39-1, EP40-1, EP47-2 pull site, EP48, EP50, EP51-1, EP53-3, EP56-4, EP68 to EP73-1, and EP94 to EP103A (including pull site).

Non-Federal Land

- Vegetation maintenance at EP78, EP78A, EP82, EP83, and EP87-1.
- Grading at EP84-E-A, EP84-E-B, and CY-BARTLETT-E.
- Gate installation/repair at CY-SWAT-E and CY-BARTLETT-E.
- A sound wall was relocated from EP119-2 to EP85-2.
- Micropile drilling at EP62A-1, EP78, EP83, and EP88-2.
- Micropile grouting at EP87-1 and EP88-2.
- Micropile trimming at EP87-1.
- Micropile pull test at EP119-2.
- Micropile capping work at EP77 and EP106-3.
- Conventional drilling at EP65-1.
- Material delivered to EP93 in preparation for tower assembly.
- Tower assembly at EP1-3, EP66, EP84, and EP86-1.
- Conductor pulled from EP91 pull site to EP101-2 pull site.
- Sagging and clipping in between EP91 and EP93.
- OPGW pulled, clipped in, and sagged from EP89-1 to EP91.
- Marker balls hung between EP89-1 and EP90-1.
- Cleanup from EP89-1 to EP93.
- BMP installation/maintenance at/from:
 - EP11-3-N, EP25-2, CY-SWAT-E, EP26-1-N, EP26-1, EP27-1-N, EP27-1, EP30-2 to EP32-1, EP52-1, CY-KREUTZKAMP-E, EP54-1, EP54-1 pull site, EP62A-1 to EP67 pull site, EP77, EP78A to EP83 (including pull site), EP78A-E to EP84-E-A, EP86-1 to EP89-1 (including EP89-1 pull sites), EP91 to EP93 (including pull sites), EP104-2 to EP107-3, EP119-2, GS-NF-17, and GS-NF-22.



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

USFS Land

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

BLM Land

- No work occurred this reporting period.

Non-Federal Land

- Tower assembly at CP32-2, CP33-2, CP33A, CP34-2, CP37-2, CP39, CP42-1 to CP44-1, and CP46-2.
- QA/QC at CP31-2 to CP53-1.
- Ground rod installation at CP33-2, CP33A, CP34-2, and CP47-2.
- Wire prep at CP49-1-PS-E TEWS area and CP65-1 pull sites.
- Sock line, hardline, and conductor pulled from CP56-1 pull site to CP65-1 pull site.
- Sagging from CP56-1 pull site to CP65-1 pull site.
- Deadend work at CP60 and CP63-3.
- Splicing at CP108.
- Marker balls installed from CP56-1 to CP57.
- Spacer installation from CP70-3 to CP71.
- Guard structure installation at CP36-1, CP43-1, CP44-1, and CP53.
- BMP installation and maintenance at:
 - CP16-1, CP17-1, CP19-1, CP20, CP21, CP23 to CP36-1 (including pull sites), CP42-1 to CP44-1, CP46-2 to CP49-1, CP54-1, CP56-1 pull site, CP65-1 pull site, CP56-1-PS-E-A, CP56-1-PS-E-B, CP71, CP72-2, CP74-2 to CP84, CP85-1 to CP88-1 (including pull site), CP98-1, and CP109-1.
- Restoration at CP23 pull site west, CP28-1, CP29-1, CP31-2 pull site east, and CP31-2.
- Hydromulching at CP31-2 pull site.

Miramar

- Access road construction at CP10 and CP11-1.
- BMP installation and maintenance at/from CP2, CP3, CP6-1 to CP12-1, CP14, and CP15-1.
- Restoration began at CP15-1 pull site.

12kV

- No work occurred this reporting period.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Final Grading – Bauer and Slay Properties.

- Paving – MH 12 and MH 13.
- BMP Maintenance – Entire ROW.
- Storm Drain Repair – MH 16 and MH 17.
- Water Bar Construction and McCarthy Drain Installation – Bauer/Slay access road.
- Test Set Up and High Voltage Test – Loritz and Slay Properties.
- Gunnite Swale – Slay Property.

Suncrest Substation Construction (Link 3)

- Crushing class 2 base and select fill material.
- Installing insulators and conductors in the 230kV and 500kV yards.
- Wiring inside the control shelter.
- Fence installation activities around the substation perimeter.
- Coating the insulators in the 500kV yard.
- Irrigation line installation below walls 2, 3, and 5 on the southern fill slopes.
- Spreading select fill material in the southeast quadrant to bring it to rough grade.
- Waterproofing standpipe in the southern detention basin and cleaning the basin floor.
- Applied hydromulch to slopes on the perimeter of the pad.
- Rough grading detention basin in the southeast quadrant.
- Installing additional bird deterrents on storage containers and office trailer on the substation pad.
- Finish grading and placing class 2 base on water tank service road.
- Finish grading perimeter access roads in preparation for paving.
- Installation of drain pipe in the southeast quadrant.
- Paving interior access roads around the substation perimeter.

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:

- No Sunrise-related 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, tower hooking, yard driveway work, and staging for road, erection, assembly, QC, gate, and BMP crews.
- Helix Yard – Helicopter operations, weed wash station, dust suppression, and staging for assembly, wire, BMP, and QC crews.

- El Monte Yard – No activity, yard locked up.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, vegetation maintenance crew worked at HQ, and staging for gate, vegetation, road, BMP, conventional foundation, and QC crews.
- Wilson Yard – Tower assembly crews.
- SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station, and staging for micropile, road, vegetation maintenance, conventional foundation, and BMP crews.
- Barrett Canyon Yard – Staging for BMP crews.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, tower assembly, repair frog/snake fence along access road to yard, vegetation maintenance, and staging for conventional foundation, assembly, BMP, hauling, vegetation maintenance and erection crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, tower assembly, and staging for micropile, erection, vegetation maintenance, gate, wire, road, toad survey, and BMP crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, tower assembly, hauling steel to yard, chipping and spreading material cleared from USFS tower sites, and staging for BMP, road, and micropile crews.
- McCain Valley Yard – Helicopter operations, water staging, dust suppression, tower hookers, weed treatment, and tower assembly.
- Rough Acres Yard – Helicopter operations, water staging, dust suppression, tower assembly, staging for materials, weed wash station, and staging for erection, QC, assembly, weed treatment, hauling, road, micropile, and BMP crews.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for BMP, QC, micropile, and erection crews.
- Plaster City Yard – Water staging, dust suppression, site restoration, and tackifier application to restored areas.

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:

- Western Spadefoot Toad (*Spea hammondi*) – One (1) western spadefoot toad was relocated from CP25-2.
- Coast Horned Lizard (*Phrynosoma coronatum blainvillii*) – Two (2) coast horned lizards were relocated; one (1) from EP106-1 and one (1) from EP112-3.
- Coronado Skink (*Plestiodon skiltonianus interparietalis*) – Four (4) Coronado skinks were relocated; three (3) from the access road into Kreuzkamp Yard and one (1) from EP3-3.

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

- No TEWS or Variances were approved during this reporting period.

Weather

- Rain events occurred on March 15, 2012, thru March 17, 2012.
- 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.



Acacia greggii seedling at S2 Yard. (Photo courtesy of Marc Doalson.)

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 03/17/2012

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 03/17/2012

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 03/17/2012

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 03/17/2012					
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 03/17/2012

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

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

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

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

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

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

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

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

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

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