

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.
- Staked, flagged, and refreshed work areas near EP112A, EP113, GS-NF-15, GS-NF-17, and GS-NF-18.
- Post construction impact surveys near CP3, CP6, CP24, CP25, CP28, CP29, CP43, CP44, CP53, CP54, CP70, CP71, CP109-1, EP47, EP48, EP84, EP85, and TL639.
- Surveyed existing grounding rod locations near EP215.
- Additional signs and stakes were repaired as needed. Due to traffic and narrow access roads, broken stakes and run over signs were replaced. Maintenance (e.g., writing over faded signs, reinforcing signs/stakes in the ground, replacing zip ties, and adding additional signs) was performed as needed. The ESA Team conducted the following activities during this reporting period:
 - Repaired, refreshed, replaced, and maintained the previously installed project signs and ESAs from access road to EP205, access road to McCain Yard, access road to EP179, access road to EP185, CP67 to CP72, CP75, access road to Helix Yard, access road to Bartlett, access road to EP90/EP101, access road to Wilson Yard, access road to Thing Valley, EP113, access road to EP62-2, access road to EP47, EP42, EP101, access road to SWAT Yard, Rough Acres Yard, and McCain Valley Road.

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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- 107 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	169 of 169	160 of 169	148 of 169
Bureau of Land Management	179 of 179	165 of 179	138 of 179
Miramar	14 of 14	14 of 14	14 of 14 CP1A, CP1B, CP2
U.S. Forest Service	76 of 76	54 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			
100 Percent Complete			

Overhead Construction

- Link 1
 - Final grading at EP186/EP187 pull site, EP192-2, EP193-2, EP197-3, EP199-3, EP200-3, EP200-3 pull site, EP232-1-E-A to EP234-1-E, and EP243 pull sites.

- Miscellaneous tower work at/from EP140-1, EP150, EP151, EP152-2, EP194-3 to EP196-2, EP221-2 to EP224-1, EP228, EP231-1 to EP239-1, EP246, EP249-1, EP252A-1, EP253-2, EP254-3, and EP146 to EP151.
 - QA/QC at EP151, EP183, EP189-3, EP211, EP213, and EP214.
 - Fence grounding at EP141 to EP143-1, EP152-2, EP170, EP172, EP178, EP179, EP198-3, EP199-3, EP200A-1, EP203-3, EP204-3, EP205-2, EP214, EP219-1, EP243, and GS-NF-32.
 - Sock line, hardline, and conductor pulled on all phases from EP141 to EP170.
 - OPGW pulled from EP141 to EP170.
 - Insulator work at EP141 to EP170.
 - Jumper work at EP141, EP200-3, EP200A-1, EP215, and EP254-3.
 - Dead-end work and sagging at EP141.
 - Grounding at EP200-3 and EP200A-1
 - Splicing at EP255-2.
 - Cleanup at EP200-3 and EP200A-1
 - BMP maintenance at:
 - EP170 to EP209-1 (including guard structures and pull sites), EP180-N to EP187-2-E-A, EP211, EP213 to EP215 (including guard structures and pull sites), EP217-1 to EP221-1 (including guard structures and pull sites), EP223-1 to EP238-1 (including pull site), EP239-1 GS, EP239-1, EP240, EP242 to EP248-1, EP250 to EP254-3, and EP255 pull sites.
 - Hydromulching at EP187-2 pull site, EP200-3 pull site, EP345, EP355/356 pull site, EP360, and EP362-1.
- Link 2
 - During this reporting period, the PAL levels were as follows: Monday-C, Tuesday-D, Wednesday-D, Thursday-D, Friday-D, and Saturday-C. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Vegetation maintenance at EP57-2, EP58-2, EP114-2, EP115-1, EP116-1, GS-USFS-6, EP117-2, EP118-2, EP120-4, EP120A, EP123-1, and EP143-1.
- Gate work at EP9-1-N, EP11-3-N, EP113-5-E, and EP126-1-N.
- Fence grounding at EP78A-E.
- Micropile capping work at EP20-2, EP23-2, EP123-1, EP124, EP128, and EP129.
- Tower assembly at/from EP5-2, EP7-1, EP8-2, EP20-2, EP22-1, EP23-2, EP34-1 to EP37-2, EP108-2, EP110-2, EP120A, EP121A-1, EP123-1, EP125, EP126-1, EP128, EP129, and EP130-1.
- Miscellaneous tower work at/from EP114-2 to EP118-1, EP120A, EP121A-1, EP121-3, EP122-1, EP124, EP128, and EP140-1.
- Anchors installed at EP24-1.
- QA/QC at EP5-2, EP10-2, EP34-1, EP37-2, EP108-1, EP110-2, EP115-1 to EP118-2, EP122 to EP125, EP128, EP129, EP132-2, EP139-1, and EP140-1.
- Ground resistance testing at EP5-2, EP7-1, EP23-2, EP34-1, and EP37-2.
- Guard structure installation at GS-USFS-4 and GS-USFS-6.
- Wire pull prep at/from EP108-2 to EP113-5, EP113-5 pull sites, EP141, and EP143-1.
- Sock line pulled from EP108-2 to EP113-5.
- Sock line, hardline, and conductor pulled on all phases from EP141 to EP143-1.
- OPGW flown from EP141 to EP143-1.
- Sagging, clipping in, and dead-end work from EP141 to EP143-1.
- Sock line, hardline, and conductor flown from Suncrest Substation to EP9-1.
- Clipping in at/from Suncrest Substation to EP9-1.

- Sagging from Suncrest Substation to EP9-1.
- Insulator work at EP109-1, EP141, and EP141 pull sites.
- Dead-end work at EP2-3, EP5-2, EP8-2, and EP9-1.
- Cleanup at EP7-1 and EP136.
- BMP maintenance at:
 - EP2-1 to EP4-3, EP9-1 to EP22-1 (including pull sites), EP24-1, EP28-2, EP29-2, EP33-1 to EP37-2, EP35-1-N, EP108-2, EP109-1, EP111-4 to EP112A-1, EP113-5 pull sites, EP116-1 to EP118-2, EP120-4 to EP127 (including pull site), EP129, EP130-1, EP130-1 pull site, EP131, EP139-1, EP140-1, GS-USFS-2, GS-USFS-4, and GS-USFS-6.

BLM Land

- Vegetation maintenance at/from EP39-1, EP40-1, EP42, EP47-2 to EP51-1, EP53-3, and EP56-4.
- Access road maintenance from Kreutzkamp Yard to EP69-E.
- Micropile capping work at EP69, EP70, and EP74-1.
- Tower assembly at/from EP39-1 to EP41, EP71 to EP76-2, and EP102A-1.
- Miscellaneous tower work at EP42.
- QA/QC at EP40-1 and EP41.
- Ground resistance testing at/from EP40-1, EP70 to EP76-2, EP102A-1, and EP103-2.
- Wire pull prep from EP101-2 to EP103A (including pull site).
- Insulator and traveler work at EP103 and EP103A.
- Dead-end work at EP42.
- BMP installation/maintenance at/from:
 - EP39-1 to EP42 (including pull site), EP47-2, EP47-2 pull site, EP49 to EP51-1, EP63, EP68, EP69, EP71 to EP74-1, and EP94 to EP103A (including pull site).

Non-Federal Land

- Vegetation maintenance at EP54-1, EP54-1 pull site, and EP119-2.
- Grading at EP67 pull site west.
- Grounding fences at EP78A.
- Micropile capping work at EP54-1.
- Tower assembly at EP1-3, EP31-1, EP32-1, EP54-1, EP91, EP106-3, and EP107-3.
- Miscellaneous tower work at EP119-2.
- QA/QC at/from EP80 to EP82 and EP119-2.
- Ground resistance testing at EP31-1, EP77, and EP106-3.
- Splicing at EP89-1.
- Guard structure installation at GS-NF-4, GS-NF-15, GS-NF-16, and GS-NF-29.
- Guard structure removal at GS-NF-14.
- Wire pull prep from EP104-2 to EP106-3.
- Sock line was pulled from EP104-2 to EP107-3.
- Sagging, clipping in, and dead-end activities continued from EP78A to EP89-1.
- Insulator and traveler work at EP104-2, EP105-2, and EP107-3.
- Cleanup and punchlist items from EP78A to EP89-1.
- BMP installation/maintenance at:
 - EP1-3, EP25-2, EP27-1, EP30-2, EP30-2 pull site, EP31-1, EP32-1, EP52-1, EP54-1, EP62A-1, EP64 to EP66 (including EP67 pull sites, EP78 to EP80, EP83, EP83 pull sites, EP85-2, EP86-1, EP87-1, EP104-2, EP105-2, EP107-3, GS-NF-14, GS-NF-16, GS-NF-17, GS-NF-18, GS-NF-20, GS-NF-22, GS-NF-23, GS-NF-24, and GS-NF-29.

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

USFS Land

- Fence installation at CP99-2.
- Miscellaneous tower work at CP99-2.
- BMP maintenance at CP100-1.

BLM Land

- BMP installation/maintenance from CP58-1 to CP62A.

Non-Federal Land

- Vegetation maintenance at CP45-1, CP46-2, CP48-2, CP49-1, CP78-2, CP79-1, and CP80-2.
- Miscellaneous tower work at CP25-2, CP26, CP28-1, CP37-2, CP39 to CP44-1, CP47-2 to CP50-1, CP54-1, CP55, CP62-2, CP65-1, CP87-1, CP88-1, CP95-1, CP96-1, and CP98-1.
- Grounding at CP28-1, CP43-1, CP44-1, and CP54-1.
- Splicing at CP43-1, CP49-1, CP55, and EP75-1.
- Spacer installation between CP31-2 and CP43-1.
- BMP installation and maintenance at:
 - CP15-1 pull sites, CP17-1, CP33-2 to CP37-2, CP42-1 to CP50-1, CP49-1 pull site, CP52 to CP55, CP55 pull site, CP56-1, CP57, CP62-2, CP74-2, CP75-1, CP75-1 pull site, CP77 to CP78-2, CP80-2 to CP86, CP95-1, CP95/CP96 pull site, CP96-1, CP109-1, and GS-NF-4.
- Hydromulching from CP79-1 to CP82-1 and CP83 to CP86.

Miramar

- Access road construction/maintenance at CP6-1, CP7, and CP10.
- Final grade and restoration at CP6-1, CP7, and CP10.
- Miscellaneous tower work at CP1A, CP2, CP3, CP6-1, CP8-2, CP9-1, and CP12-1.
- BMP installation and maintenance at CP2, CP3, CP3 pull site and guard structure, CP6-1, CP7, CP9-1, CP10, CP12-1, CP15-1, and CP15-1 pull sites.

69kV

- No work occurred during this reporting period.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Splicing inside V10 and V20R.
- Work inside V3, V16L, V17L, V18, and V19.
- Welding on shrouds of riser pole and fiber optics testing – Slay property.
- Cooling system work – bore site.
- Termination repair – Loritz property

Suncrest Substation Construction (Link 3)

- Work inside the control shelter.
- Interior mechanical work on the warehouse.
- Temporary BMP removal along Bell Bluff Truck Trail.
- Removing fill material from the channel at the south dissipater.
- Straw wattle installation along Bell Bluff Truck Trail.
- Beta working on punch list items.
- Spraying Permeon on the east cut slope.
- Materials cleanup at the staging area near the office trailers.
- Work on the series capacitor.
- Cleaning sediment from the north and south sediment basins.
- PAR setting up/working on wire pull into the substation.

Substation Upgrades

San Luis Rey:

- Bird sweeps/surveys are ongoing to identify and deter nest building.

Encina:

- SDG&E relay and wiring crews performing wiring near the control house.
- SDG&E circuit breaker crews testing circuit breakers between Bays 9 and 10.

Scripps:

- No Sunrise-related work.

Pomerado:

- Bird sweeps/surveys are ongoing to identify and deter nest building.
- SDG&E crews began performing upgrade work which requires changing out bus, disconnects, and gas circuit breakers.

Sycamore:

- SDG&E crews working on wire pull and installation on CP2 and CP3.
- Wire tie-in work.
- Fiber optic splicing.
- Identifying ground wiring within the substation.

Imperial Valley:

- No Sunrise-related work.

Construction Yards

- Sycamore Yard – Dust suppression, occasional helicopter operations, staging for road, vegetation maintenance, and QC crews.
- Helix Yard – No overland access to yard due to least Bell's vireo buffer, no activity.
- El Monte Yard – No activity.
- Alpine Yard – Hub for equipment/materials staging, weed wash station, staging for QC, gate, BMP, and assembly crews
- Wilson Yard – Intermittent helicopter operations, staging for assembly and QC crews.
- SWAT Yard – Frequent helicopter operations (including air crane), weed wash station, staging for assembly, weed abatement, erection, and QC crews.
- Barrett Canyon Yard – No activity.

- Kreutzkamp Yard – Intermittent helicopter operations, weed wash station, staging for vegetation maintenance and road crews.
- Bartlett Hauser Yard – Frequent helicopter operations (including air crane), weed wash station, staging for wire, QC, micropile, erection, and BMP crews.
- Thing Valley Yard – Intermittent helicopter operations, staging for tower assembly crew.
- McCain Valley Yard – Intermittent helicopter operations. Various crews staging out of Rough Acres also use this yard for materials, etc.
- Rough Acres Yard – Frequent helicopter operations (including air crane), material hauling and staging, weed wash station, staging for assembly, survey, road, micropile, BMP, QC, erection, conventional foundation, wire, and hauling crews.
- Jacumba Valley Ranch (JVR) Yard – Occasional helicopter operations, weed wash station, staging for wire crew.
- NOTE: In addition, all active yards typically have miscellaneous activities throughout the day such as materials delivery and staging, equipment mobilization/demobilization, water supply and dust control, porta-potty maintenance, etc.

Wildlife Reporting

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

- Coast Patch-nosed Snake (*Salvadora hexalepis virgulata*) – One (1) coast patch-nosed snake was found dead near EP73/EP74.
- Coast Horned Lizard (*Phrynosoma blainvillii*) – Two (2) coast horned lizards were found dead; one (1) at CP99 and one (1) north of the cross streets of Japatul and Hidden Glen road.
- Flat-tailed Horned Lizard (*Phrynosoma mcallii*) – One (1) flat-tailed horned lizard was found dead on the access road between EP320 and EP321.
- Ring-necked Snake (*Diadophis punctatus similis*) – Two (2) ring-necked snakes were found dead; one (1) on the access road to San Vicente Dam and CP44/CP43 and one (1) at Bartlett Hauser Yard.

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

- Coast Horned Lizard (*Phrynosoma coronatum blainvillii*) – Four (4) coast horned lizards were relocated; one (1) from EP124 and three (3) from EP120.
- Coast Patch-nosed Snake (*Salvadora hexalepis virgulata*) – One (1) coast patch-nosed snake was relocated from EP123-1.
- Coastal Rosy Boa (*Charina trivirgata roseofusca*) – One (1) coastal rosy boa was relocated from EP23-2.
- Coronado Skink (*Plestiodon skiltonianus interparietalis*) – One (1) Coronado skink was relocated from CP82.
- Two-striped Garter Snake (*Thamnophis hammondi*) – One (1) two-striped garter snake was relocated from Kreutzkamp Yard.
- Red Diamond Rattlesnake (*Crotalus ruber ruber*) – One (1) red diamond rattlesnake was relocated from CP79.

Spills/Hazardous Waste

- No reportable spills occurred during this reporting period.



Customer Complaints

- No customer complaints were received during this reporting period.

Non-Compliances

- No non-compliances were received during this reporting period.

Variations and TEWS

- Variance #13 Modification #1 was approved on May 10, 2012, for adding permanent communication shelters near EP215 and EP54-1.

Weather

- No rain events occurred during this reporting period.
- BMPs were installed or maintained as needed throughout Project areas. In accordance with the Construction General Permit (CGP), daily site BMP inspections, and photos, appropriate BMPs for stormwater and non-stormwater were implemented. Any sites requiring repairs began within 72 hours of identification.

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 05/12/2012

Date	Location	Observed		Injured		Relocated		Dead	
		Day	Night	Day	Night	Day	Night	Day	Night
	Post RCLMP*								
5/7/2012	AR btwn EP321 and EP320							1	
4/18/2012	AR btwn EP354-N and EP354	1							
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			

Flat Tailed Horned Lizard Counts - Week Ending 05/12/2012

Date	Location	Observed		Injured		Relocated		Dead	
7/30/2011	EP322					1			
7/28/2011	EP355/EP356 Pullsite					1			
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		14	0	0	0	43	0	13	
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	

Flat Tailed Horned Lizard Counts - Week Ending 05/12/2012

Date	Location	Observed	Injured	Relocated	Dead
6/30/2011	EP360				1
6/27/2011	EP350			1	
6/27/2011	SWPL AR to IV Substation	2			
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

Flat Tailed Horned Lizard Counts - Week Ending 05/12/2012					
Date	Location	Observed	Injured	Relocated	Dead
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	
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		49	0	103	26

*RCLMP refers to the Revised Construction Lighting Mitigation Plan

Raven Control Monitoring Report - Week Ending 05/12/2012

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
5/12/2012	EP355/356 SWPL line and EP348	3		1	2			no
5/11/2012			No ravens observed					
5/10/2012			No ravens observed					
5/9/2012			No ravens observed					
5/8/2012			No ravens observed					
5/7/2012			No ravens observed					
5/6/2012			No ravens observed					
5/5/2012			No ravens observed					
5/4/2012			No ravens observed					
5/3/2012			No ravens observed					
5/2/2012			No ravens observed					
5/1/2012			No ravens observed					
4/30/2012			No ravens observed					
4/29/2012			No ravens observed					
4/28/2012			No ravens observed					
4/27/2012	EP314 Pullsite	1		1				no
4/26/2012			No ravens observed					
4/25/2012			No ravens observed					
4/24/2012			No ravens observed					
4/23/2012	EP348/EP349 Pullsite	1		1				no
4/22/2012			No ravens observed					
4/21/2012			No ravens observed					
4/20/2012	EP348/EP349 Pullsite	1			1			no
4/19/2012			No ravens observed					
4/18/2012			No ravens observed					
4/17/2012			No ravens observed					
4/16/2012			No ravens observed					
4/15/2012			No ravens observed					
4/14/2012			No ravens observed					
4/13/2012			No ravens observed					
4/12/2012			No ravens observed					
4/11/2012			No ravens observed					
4/10/2012			No ravens observed					
4/9/2012			No ravens observed					
4/8/2012			No ravens observed					
4/7/2012			No ravens observed					
4/6/2012			No ravens observed					
4/5/2012			No ravens observed					
4/4/2012			No ravens observed					
4/3/2012			No ravens observed					
4/2/2012	S2 Yard	1		1				no
4/1/2012			No ravens observed					
3/31/2012			No ravens observed					
3/30/2012			No ravens observed					

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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					
2/20/2012	EP313-EP354	2		2				no
2/19/2012	EP360-EP362	2		2				no
2/18/2012			No ravens observed					

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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							
1/8/2012	No ravens observed							
1/7/2012	No ravens observed							
1/6/2012	No ravens observed							

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
12/7/2011	S2 Yard	2			2			no
12/6/2011	S2 Yard	3				3		no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
11/8/2011	Dunaway CY	2			2			no

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
9/24/2011	Plaster City Yard	2					2	no
9/24/2011	EP317	1		1				no
9/24/2011	EP309	1		1				no
9/23/2011	EP362	4			4			no
9/23/2011	EP303	2		2				no
9/22/2011	Fromm CY	1				1		no
9/22/2011	EP303	2		2				no
9/22/2011	EP301	2		2				no
9/22/2011	EP295-EP322	3		3				no
9/21/2011	S2 Yard	3			3			no
9/21/2011	Fromm CY	1					1	no
9/21/2011	EP303	1		1				no
9/20/2011	S2 Yard	2			2			no
9/20/2011	Fromm CY	1				1		no
9/19/2011	S2 Yard	3			3			no
9/19/2011	EP304, EP307, EP309	1		1				no
9/18/2011	S2 Yard	3				3		no
9/18/2011	EP281	1		1				no
9/17/2011	S2 Yard	3					3	no
9/17/2011	EP362	1			1			no
9/17/2011	Fromm CY	3				3		no
9/16/2011	EP363	2			2			no
9/16/2011	Fromm CY	1					1	no
9/16/2011	EP304	2		2				no
9/16/2011	EP290	1		1				no
9/15/2011	S2 Yard	4			4			no
9/15/2011	Fromm CY	3					3	no
9/15/2011	EP296	1		1				no
9/15/2011	EP306	2					2	no
9/15/2011	EP304	1		1				no
9/15/2011	EP301	2		2				no
9/14/2011	Plaster City Yard	1			1			no
9/14/2011	EP361	2			2			no
9/14/2011	Fromm CY	1				1		no
9/14/2011	EP308	1					1	no
9/14/2011	EP301	5		4	1			no
9/14/2011	EP292	3		3				no
9/13/2011	S2 Yard	10			10			no
9/13/2011	EP348	3		3				no
9/13/2011	EP345	2		2				no
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
9/12/2011	EP350	1		1				no
9/12/2011	EP304	1		1				no
9/12/2011	EP301	1		1				no
9/11/2011	S2 Yard	2				2		no
9/10/2011	S2 Yard	2					2	no
9/9/2011	EP304	1			1			no
9/8/2011	S2 Yard	3					3	no
9/7/2011	S2 Yard	3					3	no
9/6/2011	No ravens observed							
9/5/2011	No ravens observed							
9/4/2011	No ravens observed							
9/3/2011	No ravens observed							
9/2/2011	EP348	1		1				no
9/2/2011	S2 Yard	1		1				no
9/2/2011	EP303	1		1				no
9/2/2011	EP363	2		2				1 at IV Sub
9/1/2011	EP303	2					2	no
9/1/2011	EP293	1					1	no
9/1/2011	EP304	2					2	no
8/31/2011	S2 Yard	1		1				no
8/31/2011	EP308	1		1				no
8/31/2011	EP305-3	2					2	no
8/31/2011	EP303	2		2				no
8/30/2011	EP303	1		1				no
8/29/2011	S2 Yard	1		1				no
8/29/2011	EP303	1		1				no
8/28/2011	No ravens observed							
8/27/2011	EP305	3			3			no
8/26/2011	EP301	2		2				no
8/25/2011	S2 Yard	2					2	no
8/25/2011	EP301	2		2				no
8/24/2011	S2 Yard	3				3		no
8/23/2011	EP292-1	3		3				no
8/22/2011	No ravens observed							
8/21/2011	No ravens observed							
8/20/2011	S2 Yard	2				2		no
8/20/2011	EP312	2		2				no
8/20/2011	S2 Yard	2					2	no
8/20/2011	EP312	2		2				no
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
7/17/2011	No ravens observed							
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
7/11/2011	EP304-EP314	not specified						no
7/10/2011	No ravens observed							

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