

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 EP9-1, EP12-3, EP22-1, EP23-2, EP29-2, EP30-2, EP41, EP42, EP47-2, EP48, EP54-2, EP56-4, EP67, EP78, EP78A, EP83, EP89-1, EP91, EP99-2, EP101-2, EP113-5, EP124, EP125, EP130-1, EP131, EP141, EP170, EP177, EP178, EP187, EP192-2, EP193-2, EP194-3, EP215, EP219-1, and TL6924 location 11.
- 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 along McCain Valley Road from EP173 to EP206.

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:
 - 126 Biological monitors.
 - 3 Archaeological monitors.
 - 2 Native American monitors.
 - 2 Paleontological 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.
- Meetings were held between the avian teams and the construction teams to determine the best methods and locations for deterrents at various sites and yards.
- The table below demonstrates the construction progress to date:

OVERHEAD			
Agency	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	133 of 169	91 of 169	49 of 169 CP 95-1, CP 96-1, CP 98-1
Bureau of Land Management	158 of 179	117 of 179	95 of 179
Miramar	14 of 14	14 of 14	1 of 14
U.S. Forest Service	31 of 76	17 of 76	18 of 76 CP 99-2
UNDERGROUND			
Agency	Vaults Installed	Trenches Excavated & Backfilled	
Non-Federal	40 of 40	42 of 42	
SUBSTATION UPGRADES			
3 of 7 Completed			
SUNCREST SUBSTATION			
90 Percent Complete			

Overhead Construction

- Link 1
 - Grading at EP170.
 - Guard structure installation at EP219-1.
 - Final grading at EP207 to EP209-1, EP210-N, EP211-N, EP214, EP313 to EP318-1, EP316-2-E-A to EP318-1-N, EP321-1, EP322-1, EP323-1 pull site, EP323-1, EP324, EP325-2-E, EP325-2, and EP335 to EP341.

- Micropile drilling at EP233-1, EP234-1, and EP254-3.
 - Grouting at EP233-1.
 - Trimming at EP144, EP146, and EP252A-1.
 - Pull test prep at EP252A-1.
 - Pull test at EP144, EP150, and EP151.
 - Micropile cap work at EP145, EP147, EP148-1 to EP151, and EP224-1.
 - Various foundation work (curing, cage installation, etc.) at EP170.
 - Concrete pouring at EP170.
 - Form removal and cleanup at EP170.
 - Tower assembly at/from EP171, EP173-1, EP174, EP176, EP177, EP178, EP180, EP186-1, EP187-2, EP187-2 pull site, EP226-1, EP227, EP235-1, EP239-1, EP242, EP245-1, EP247, EP250, and EP251.
 - Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) at EP231A and EP235-1.
 - QA/QC at EP184-1, EP185-1, EP226-1, EP227, EP235-1, EP242, and EP250.
 - Ground resistance testing at/from EP178, EP182, EP184-1 to EP186-1, EP252-1, and EP253-2.
 - Ground rod replacement at EP190-2.
 - Mobilization of equipment at EP219-1 and EP220-1 pull sites.
 - Snubs tested at McCain Valley Yard.
 - BMP installation/maintenance at/from:
 - EP170 to EP254-3 (including guard structures and pull sites), EP170-N to EP190-2-N, EP204-3-E, EP204-3-N, and EP320-1 to EP346.
 - BMPs removed at/from EP313, EP313-E to EP316-2-E, EP315-1 to EP318-1, EP320-1, EP321-1, EP322-1, EP324, EP329-1, and EP331 to EP341.
 - Desert pavement restoration from EP338 to EP341.
 - Hydromulching at EP255-2 pull site, EP322-1, EP323-1 pull site, EP323-1, EP324, EP329-1, and EP331 to EP337.
 - Trained FTHL monitors and Visible Emission Evaluators (VEEs) were onsite as required.
- Link 2
 - During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-C, Thursday-D, Friday-D, and Saturday-E. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Access road construction at EP11-3-E.
- Gate installation at EP113-5-E and EP116-1-E.
- Test drilling at EP36-1.
- Conventional drilling at EP9-1, EP11-3, and EP12-3.
- Various foundation work (curing, cage installation, etc.) at EP9-1.
- Site prep at/from EP10-2, EP13-3, EP14, EP111-4, and EP114-2 to EP117-2.
- Micropile drilling at EP120-4, EP121-3, and EP129.
- Micropile capping crew at EP117-2 and EP118-2.
- Arroyo toad fencing installed and/or maintained at/from EP66-E and EP76-2-E to EP78A-E.
- BMP maintenance at/from:
 - EP9-1-N, EP9-1 pull site, EP11-3-N, EP12-3, EP22-1, EP23-2, EP27-1, EP30-2, EP35-1, EP36-1, EP64-E, EP65-1, EP65-1-E, EP112-3, EP113-5, EP125 to EP127, EP125-E-B to EP131-E, EP130-1, and EP131.

BLM Land

- Site prep at EP53-3 and EP69.
- Conventional drilling at EP51-1.
- Micropile cap work at/from EP40-1, EP70 to EP72, and EP73-1.
- Dead end work at EP47-2.
- Arroyo toad fencing installed and/or maintained at/from EP76-2-E to EP78A-E and EP76-2.
- BMP maintenance at/from:
 - EP39-1 to EP42, EP42-N, EP47-2-PS-N to EP52-1-E, EP63-E, EP64-E, EP69, EP74-1 to EP76-2, EP94 to EP99-2, EP94-N to EP99-2-N-B, EP101-2 pull site, EP101-2-PS-N, EP101-2 to EP103A, EP103-2-N, and EP103A-2-N.

Non-Federal Land

- Access road construction at EP66-E.
 - Site prep at EP64.
 - Crews set the pre-fab building at the regen site adjacent to EP54-1.
 - Conventional drilling at EP54-1.
 - Micropile drilling at EP25-2.
 - Arroyo toad fencing installed and/or maintained from EP76-2-E to EP78A-E and EP77 to EP78A.
 - BMP maintenance at/from:
 - EP11-3-N, EP36-1-E, EP51-1-E, EP52-1-E, EP58-2-E, EP62A-1-E, EP63-E, EP64-E, EP65-1-E, EP77 to EP79, EP83 pull sites, EP83 to EP93, EP91 pull sites, EP91-N to EP95-N, EP103A-2-N, EP104-2, EP104-2-N, EP105-2, EP105-2-N, EP106-3, EP107-3, EP78 pull site, GS-NF-22, GS-NF-23, GS-NF-24, GS-NF-25, and GS-NF-29.
- Link 5
 - During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-C, Thursday-D, Friday-D, and Saturday-E. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- Sock line, hard line, and conductor were pulled on the east side from CP95/CP96 pull site to CP100-1.
- Sagging occurred on the west side from CP95/CP96 pull site to CP100-1.
- Insulator work from CP95/CP96 pull site to CP100-1.
- Dead end work and clipping in at CP100-1.
- Jumper work from CP98-1 to CP100-1.
- Fiber pulled from CP95/CP96 pull site to CP100-1.
- During pulling the rope pulling the conductor broke and the rope dropped down into vegetation. Avian biologist reviewed the site along with the onsite biological monitors and determined that nothing was impacted as a result of the rope landing on the vegetation.

BLM Land

- Micropile drilling at CP60.
- Micropile grouting at CP58-1.

- Micropile capping at CP61-1 and CP62A.
- Tower assembly at CP59.
- Ground resistance testing at CP61-1.
- BMP maintenance at CP59 and CP61-1.

Non-Federal Land

- Access road construction at CP49-1-PS-N.
- Final grading at CP23 pull site north.
- Micropile drilling at CP32-2, CP33A, CP34-2, CP37-2, CP49-1, and CP62-2.
- Grouting at CP27 and CP37-2.
- Micropile trimming at CP28-1, CP42-1, CP43-1, CP47-2, CP48-2, CP50-1, CP51-2, and CP62-2.
- Micropile pull testing at CP42-1, CP43-1, and CP48-2.
- Micropile cap work at/from CP28-1, CP34-2, CP37-2, CP47A-1, CP47-2, CP50-1, and CP51-2.
- Tower assembly at CP52, CP54-1, CP55, CP57, CP79-1, CP83, and CP86.
- Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) at/from CP76-1 and CP77.
- Cleanup at CP55.
- Ground resistance testing at CP55, CP77, CP79-1, CP82-1, CP85-1, and CP86.
- BMP installation and maintenance at:
 - CP17-1 to CP27, CP33-2, CP33A, CP35-2, CP36-1, CP43-1 to CP53-1, CP48-2, CP49-1, CP49-1-PS-N, CP54-1, CP55, CP56-1, CP56-1-PS-E-B, CP56-1 pull site, CP63-3, CP65-1 pull site, CP57, CP75-1, CP76-1 to CP86 pull site, GS-NF-2, GS-NF-3, GS-NF-5, and GS-NF-6.
- During pulling the rope pulling the conductor broke and the conductor dropped down into vegetation. Avian biologist reviewed the site along with the onsite biological monitors and determined that no resources were impacted as a result of the conductor landing on the vegetation. All safety and security was in place, so no one could come under the line during stringing.

Miramar

- Guard structure installation at CP6-1.
- Ground rod installation at CP13-2.
- BMP installation and maintenance at
 - CP3, CP7, and CP12-1.

69kV

- Various foundation work (curing, cage installation, etc.) at TL6915 locations 10 and 11.

Underground Construction (Link 4)

- Revitalization – Alpine Rentals and Louise Drive to Rock Terrace.
- Fiber Work – V12L, V13L, V14L, V16L, V17L, and V18L.
- Bauer Bridge – BMP maintenance, final grading, adding Class 2 base, and forms built.
- Jointing – V1R, V1L, V10L, and V11R.
- Testing – Caltrans Bore Site.
- Raised Necking – V3R and V4L
- Pre-Racking/Racking – V1L, V1R, V5L, V8L, V9L, V10L, V10R, V11R, V12L, and V13L.

Suncrest Substation Construction (Link 3)

- Crushing class 2 base and select fill material.
- Trenching for conduit and ground grid in the southwest quadrant.
- Finish grading north and east of the transformers.
- Installing insulators and conductors in the 500kV yard.
- Finish grading and hauling class 2 base to the capacitor area.
- BMP maintenance and repair along Bell Bluff Truck Trail.
- Wiring inside the control shelter.
- Building the 500kV cable trench.
- Pulling loose rock from the substation access road slopes.
- Marina continued landscape planting.

Substation Upgrades

Encina:

- SDG&E crews performing wiring work on eastern bus inside the northern switchyard.
- Roel was working perimeter fence in southern switchyard and conducting BMP maintenance.
- Roel backfilled perimeter fence concrete curb and spread gravel in southern switchyard.

Imperial Valley:

- SDG&E transmission crew stringing additional wires just outside of substation.

Sycamore:

- SDG&E Kearny Mesa crews building disconnects and bus for 69kV upgrades in southern portion of substation.
- SDG&E crew wiring and testing gas circuit breakers inside the control house.
- Avian biologists onsite gathering information for nest buffer reduction.

Construction Yards

- Sycamore Yard – Weed wash station, water supply, dust suppression, helicopter operations, and staging for micropile, QC, and assembly crews.
- Helix Yard – Helicopter operations, water staging, weed wash station, dust suppression, and staging for micropile, erection, assembly, and QC crews.
- El Monte Yard – Dust suppression, helicopter operations, tower assembly and staging for tower hooking crews.
- Alpine Yard – Equipment/materials staging and weed wash station.
- Wilson Yard – Helicopter operations, dust suppression, water staging, and staging for assembly crew.
- SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station, and staging for conventional foundation crews.
- Barrett Canyon Yard – Staging for conventional foundation and BMP crews.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for conventional foundation, micropile, and BMP crews.
- Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression, and staging for BMP crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, and staging for BMP crews.
- McCain Valley Yard – Helicopter operations, staging for assembly crews, dust suppression, and water staging.

- Rough Acres Yard – Helicopter operations, tower assembly, and staging for erection, QC, assembly, micropile, and BMP crews.
- Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, dust suppression, tower assembly, and staging for micropile, QC, and erection crews.
- AER Yard – Restored.
- Fromm Yard – Shut down due to end of big horn sheep work window.
- S2 Yard – Some crew staging and fence removal.
- Plaster City Yard – Equipment storage and water staging.
- Dunaway Yard – Restored.
- Imperial Valley Yard – Restored.

Wildlife Reporting

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

- None were reported during this reporting period.

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

- Silvery Legless Lizard (*Anniella pulchra*) – Three (3) silvery legless lizards were relocated; one (1) from EP14, one (1) from EP114, and one (1) from EP121-3.
- Coronado Skink (*Plestiodon skiltonianus interparietalis*) – Two (2) Coronado skinks were relocated; one (1) from EP10-2 and one (1) from EP70.

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 received during this reporting period.

Variations and TEWS

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

Weather

- Rain event occurred on January 24, and January 25, 2012.
 - Post storm totals for January 24, 2012:
 - Rough Acres Yard – 0.04 inches
 - Jacumba Valley Ranch – 0.03 inches
 - SWAT Yard and EP2 to EP42 – 0.80 inches
 - Kreutzkamp Yard and EP47 to EP72 – 0.05 inches

- EP73 to EP79, EP83 to EP99, EP103 to EP105, EP112 to EP118, Bartlett Hauser Yard, EP120 to EP143, La Posta Road, and Thing Valley Yard – 0.60 inches
- Suncrest Substation and Wilson Yard – 1.00 inches
- Link 4, Alpine HQ, and Alpine Storage Yard – 0.50 inches
- CP71 to CP86 and El Monte Yard – 0.45 inches
- CP54 to CP70 and Helix Yard – 0.25 inches
- CP107 to CP109 – 1.00 inches

- Post storm totals for January 25, 2012:
 - CP2 to CP24 and Sycamore Yard – 0.17 inches
 - CP25 to CP36 and CP37 to CP53 – 0.45 inches

- BMPs were installed or maintained as needed throughout Project areas. In accordance with the Construction General Permit (CGP), daily site BMP inspections, photos, and appropriate BMPs for stormwater and non-stormwater were implemented. Any sites requiring repairs will begin within 72 hours of identification.



Vertical mulch at Dunaway Yard – *(Photo courtesy of James Prine)*

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 01/28/2012

Date	Location	Observed		Injured		Relocated		Dead	
		Day	Night	Day	Night	Day	Night	Day	Night
	Post RCLMP*								
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			
7/27/2011	Near EP316-2	1							

Flat Tailed Horned Lizard Counts - Week Ending 01/28/2012

Date	Location	Observed		Injured		Relocated		Dead	
Post RCLMP*		Day	Night	Day	Night	Day	Night	Day	Night
7/26/2011	SWPL AR to EP344	1							
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		12	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							
6/26/2011	IV Substation					1			

Flat Tailed Horned Lizard Counts - Week Ending 01/28/2012

Date	Location	Observed	Injured	Relocated	Dead
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	
5/11/2011	EP360	1			

Flat Tailed Horned Lizard Counts - Week Ending 01/28/2012					
Date	Location	Observed	Injured	Relocated	Dead
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		47	0	103	25

*RCLMP refers to the Revised Construction Lighting Mitigation Plan

Raven Control Monitoring Report - Week Ending 01/28/2012

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

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

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

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

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

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

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

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

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