

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 EP54.
- Post construction impact surveys near TL639, TL616, CP43-1, CP49, CP55, CP64/CP65, GS-BLM-2, GS-NF-3, GS-NF-8, GS-NF-22, EP23-1, and EP83.
- Surveyed existing grounding rod locations at CP24/CP25, CP25/CP26, CP28/CP29, EP126, EP127, EP128, EP130/EP131, EP171 to EP173, EP179/EP180, EP197/EP198, EP199/EP200, EP200A, and EP243/EP244.
- 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 McCain Valley Road, Rough Acres Yard, access road to Kreutzkamp Yard, access road to Sycamore Yard, access road to Helix Yard, CP31, CP74 to CP85, and EP201 to EP218.

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:
 - 107 Biological monitors.



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- 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	163 of 169	149 of 169 EP1-3
Bureau of Land Management	179 of 179	172 of 179	138 of 179
Miramar	14 of 14	14 of 14	14 of 14
U.S. Forest Service	76 of 76	55 of 76	24 of 76 EP2-3 to EP8-2
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 EP174, EP175, EP197-3, EP198-3, EP199-3, EP215, EP215 pull site, EP220-1-PS-N, EP227-E-B, EP232-1-E-B, EP228 to EP234-1-E, EP248-1-E, EP250, EP251, EP252, and EP255 pull site west.

- Miscellaneous tower work at/from EP144, EP145, EP147, EP148, EP150, EP151, EP196-2, EP224-1, EP226-1 to EP229-1, EP231-1, EP233-1 to EP238-1, EP231A, EP232-1, EP246, EP249-1, EP252A-1, EP253-2, and EP254-3.
 - QA/QC at EP143-1 to EP152-2, EP188, EP192 to EP211, EP213, EP214, EP217-1 to EP220-1, EP221A, EP228, EP233-1, EP239-1 to EP247, EP250, EP251, and EP252A-1 to EP254-3.
 - Fence grounding at EP141 to EP143-1, EP152-2, EP172, EP178, EP179, EP198-3, EP199-3, EP200A-1, EP203-3, EP204-3, EP205-2, EP209, EP210, EP214, EP215 regen site, and EP238 to EP240.
 - Work continued at the EP215 regen site.
 - Jumper work at EP141.
 - Dead-end work at EP141, EP143-1, EP144, EP146, EP149-1, and EP170.
 - Sagging and clipping in from EP141 to EP170.
 - Spacers installed from EP141 to EP170.
 - Marker ball installation from EP141 to EP170.
 - Splicing at EP146, EP187-2, and EP254-3.
 - BMP maintenance at:
 - EP147 to EP152-2, EP170 to EP209-1 (including guard structures and pull sites), EP177-N to EP185-1-E-A, EP211 to EP224-1 (including guard structures and pull sites), EP226-1 to EP249-1 (including pull site and guard structures), EP250 to EP255 (including pull sites and guard structure).
 - Hydromulching at EP185, EP186-1, EP191, EP200-3 pull site, EP213, EP214, EP217-1, EP218-1, EP255 pull site west, and EP355/EP356 pull site.
- Link 2
 - During this reporting period, the PAL levels were as follows: Monday-Ev, Tuesday-C, Wednesday-Ev, Thursday-Ev, Friday-C, 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 EP129-E-A.
- Access road maintenance at EP11-3-N.
- Micropile capping work at EP21-1, EP24-1, EP33-1, EP34-1, EP35-1, EP37-2, and EP117-2.
- Tower assembly at/from EP20-2, EP21-1, EP22-1, EP23-2, EP24-1, EP33-1, EP35-1, EP36-1, EP113-5, EP115-1, EP117-2, EP123-1, EP125, EP126-1, EP127, and EP129.
- Anchors installed at EP21-1.
- QA/QC at EP21-1, EP23-2, EP124, EP126-1, EP127, EP128, EP130-1, EP142-1, and EP143-1.
- Ground resistance testing at/from EP17, EP23-2, EP24-1, EP33-1, EP112-1, EP117-2, and EP120-4 to EP130-1.
- Guard structure installation at GS-USFS-6.
- Snubs installed at EP124/EP125 pull site.
- Sock line, hardline, and conductor pulled from EP108-2 to EP113-5.
- OPGW flown from EP1-3 to EP9-1.
- Sagging, clipping in, and dead-end work from EP141 to EP143-1.
- Clipping in at/from EP1-3 to EP9-1.
- Dead-end work at/from EP1-3 to EP9-1.
- Spacers installed at/from EP5-2, EP9-1, and EP141 to EP143-1.
- BMP maintenance at:
 - EP5-2, EP6-1, EP10-2 to EP23-1, EP12-3 pull site north, EP22-1 pull site, EP23-1 pull site, EP28-2, EP292, EP33-1, EP36-1 to EP37-2, EP57-1, EP58-2, EP114-

2 to EP116-1, EP118-2, EP120-4 to EP128, EP130-1 pull site, EP131, EP139-1, EP140-1, GS-USFS-3, GS-USFS-4, and GS-USFS-6.

- Final grading at EP12-3 pull site north.

BLM Land

- Vegetation maintenance at/from EP39-1, EP42, and EP42 pull site.
- Micropile capping work at EP50, EP75-2, and EP76-2.
- Tower assembly at/from EP39-1 to EP41, EP50, EP56-4, EP63, EP68, EP69, EP71, and EP73-1 to EP76-2.
- Anchors set at EP53-3.
- Ground rod installation at EP56-4, EP62A-1, and EP63.
- Ground resistance testing at/from EP41, EP70, EP71, and EP75-2.
- Sock line, hardline, and conductor pulled from EP101-2 to EP103A.
- BMP installation/maintenance at/from:
 - EP39-1 to EP42 (including pull site), EP47-2, EP47-2 pull site, EP48, EP53-3, EP56-4, EP75-2, EP76-2, EP94, and EP96 to EP99-2.

Non-Federal Land

- Vegetation maintenance at EP31-1 and GS-NF-28.
- Weed abatement at EP27-1 and EP30-2 pull site.
- Access road maintenance at EP89-1-E.
- Grading at EP67 pull site west.
- Tower assembly at/from EP32-1, EP54-1, EP64 to EP67, EP77 to EP80, EP91 pull sites, and EP117-2.
- QA/QC at EP79, EP105-2, and EP107-3.
- Ground rod installation at EP54-1, EP62A-1, and EP64.
- Regen work began near EP54-1.
- One anchor installed for pole associated with the regen work.
- Snub installation at EP30-2 pull site.
- Sock line, haulback, and conductor pulled from EP104-2 to EP107-2.
- BMP installation/maintenance at:
 - EP1-3, EP25-2, EP26-1, EP27-1, EP30-2, EP30-2 pull site, EP31-1, EP32-1, EP52-1, EP54-1, EP54-1 pull sites, EP62A-1, EP64 to EP67 (including pull sites), EP77 to EP80, EP81, EP83 to EP89-1(including pull sites), EP91, EP91 pull sites, GS-NF-14, GS-NF-16, GS-NF-17, GS-NF-22, GS-NF-23, GS-NF-24, GS-NF-28, and GS-NF-29.
- Restoration at EP83 pull sites EP89-1 pull sites.

- Link 5

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

USFS Land

- Access road maintenance at CP98-N-A.
- Fence grounding at CP99-2.
- Miscellaneous tower work at CP100-1.
- Dampener work at CP100-1.
- Splicing at CP100-1.
- BMP maintenance at CP99-2 and CP100-1.

BLM Land

- Vegetation maintenance at CP60, CP61-1, and CP62A.
- Miscellaneous tower work from CP58-1 to CP62A.
- Splicing at CP65-1.
- BMP maintenance at CP60.
- Hydromulching at CP61-1 and CP62A.

Non-Federal Land

- Vegetation maintenance at CP28-1, CP29-1, CP31-2, CP32-1, CP36-1, CP51, CP55, CP56-1, CP74-2, and CP78-2.
- Gate installation at CP42-1 and CP50.
- Fence grounding at CP95-1, CP96-1, and CP98-1.
- Rock stabilization at CP47A-1.
- Miscellaneous tower work at/from CP24-1, CP31-2, CP43-1, CP48-2 to CP56-1, CP79-1, CP80-2, CP82-1, and CP83.
- QA/QC at CP106-1, CP107, and CP109-1.
- Splicing at CP55.
- Dampener installation at CP98-1.
- BMP installation and maintenance at/from:
 - CP24, CP28-1, CP29-1, CP31-2 pull site west, CP37-2 to CP42-1, CP43-1 pull site, CP43-1 to CP46-2, CP47A-1 to CP54-1, CP49-1 pull site, CP53-1, CP54-1, CP55 pull site, CP57, CP62-2, CP64-2, CP74-2, CP78-2 to CP84-2, CP86, CP95-1, CP95/CP96 pull site, CP96-1, CP98-1, CP109-1, GS-NF-2, GS-NF-3, GS-NF-4, GS-NF-5, GS-NF-6, and GS-NF-44.
- Hydromulching at/from CP32-1, CP36-1, CP45-1, CP46-2, CP47-2, CP51-2 to CP55, CP60, CP74-2, and CP78-2.

Miramar

- Access road construction/maintenance at CP6-1, CP7, and CP10.
- Final grade and restoration at CP6-1, CP7, CP9-1, and CP10.
- Miscellaneous tower work at CP1A, CP2, CP3, CP6-1, CP8-2, CP9-1, and CP12-1.
- Splicing at CP15-1.
- 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 V20R.
- Work inside V16L and V17L.
- Cooling system work – Bore Site.
- Termination repair – Loritz property.
- Testing set up activities – Loritz property.
- Removing section of cable between the top termination on CP95 and V20.
- Paving the north side of Alpine Blvd. between Tavern and Peutz Valley Road.
- Removing orange fencing and T-posts around ESA on the Bauer property where work is completed.

- Pavement striping on Alpine Blvd. between Tavern and Peutz Valley Road.
- Paving between S. Grade and Loritz property.
- Removal of shroud on CP96.
- Pulling cable from V20 to CP96.

Suncrest Substation Construction (Link 3)

- Work inside the control shelter.
- Beta working on punch list items.
- KCG conducting fence grounding.
- NRG working on wiring and yard lights.
- PAR working on wire stringing activities.
- SDG&E testing circuit breakers and disconnect switches.
- Alcorn working on fence installation around the permanent water tank.

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.

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:

- Punch list items for tie-in work into the substation.
- Fiber optic splicing.
- Identifying ground wiring within the substation.

Imperial Valley:

- No Sunrise-related work.

Construction Yards

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

- Kreutzkamp Yard – Intermittent helicopter operations, weed wash station, staging for erection, QC, and road crews.
- Bartlett Hauser Yard – Frequent helicopter operations (including air crane), weed wash station, staging for wire, QC, road, assembly, grout, erection, and BMP crews.
- Thing Valley Yard – Intermittent helicopter operations, staging for tower assembly, wire, and HMMP crews.
- McCain Valley Yard – Intermittent helicopter operations. Various crews staging out of Rough Acres also use this yard for materials.
- Rough Acres Yard – Frequent helicopter operations (including air crane), material hauling and staging, weed wash station, staging for road, micropile, BMP, QC, erection, conventional foundation, wire, and HMMP crews.
- Jacumba Valley Ranch (JVR) Yard – Occasional helicopter operations, weed wash station, staging for road and BMP crews.
- 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, and porta-potty maintenance.

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 virgultea*) – Two (2) coast patch-nosed snakes were found dead; one (1) on McCain Valley Road and one (1) on access road to EP23-2.
- Ring-necked Snake (*Diadophis punctatus similis*) – One (1) ring-necked snake was found on the main access road to Kreutzkamp Yard.

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

- California Legless Lizard (*Anniella pulchra*) – One (1) California legless lizard was relocated from EP91.
- Coast Horned Lizard (*Phrynosoma coronatum blainvillii*) – One (1) coast horned lizard was relocated from McCain Valley Yard.
- Coronado Skink (*Plestiodon skiltonianus interparietalis*) – One (1) Coronado skink was relocated from Kreutzkamp Yard.
- Red Diamond Rattlesnake (*Crotalus ruber ruber*) – One (1) red diamond rattlesnake was relocated from the parking area of EP50.
- San Diego Ring-necked Snake (*Diadophis punctatus similis*) – Two (2) San Diego ring-necked snakes were relocated from Kreutzkamp Yard.
- Two-striped Garter Snake (*Thamnophis hammondi*) – Two (2) two-striped garter snakes were relocated; one (1) from Kreutzkamp Yard and one (1) from EP50.

Spills/Hazardous Waste

- Minor leaks, drips, and releases on USFS lands are submitted to the USFS in a weekly HazMat log.
- No spills outside the USFS were reported.

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 received during this reporting period.

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 05/19/2012

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 05/19/2012

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 05/19/2012

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 05/19/2012					
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 05/19/2012

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
5/19/2012			No ravens observed					
5/18/2012			No ravens observed					
5/17/2012			No ravens observed					
5/16/2012			No ravens observed					
5/15/2012			No ravens observed					
5/14/2012			No ravens observed					
5/13/2012			No ravens observed					
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					

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

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

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

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

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

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

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

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

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

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