

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 Rangewide 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 EP119/EP120 pull site, EP130, EP187-2, EP188-1, EP189-3, EP190-2, EP191-2, EP192-2, EP193-2, EP194-3, EP195-2, EP196-2, EP197-3, EP198-3, EP199-3, and EP200-3.
- Post construction impact surveys near GS-NF-23, GS-NF-24, GS-NF-35, GS-NF-36, GS-BLM-1, GS-BLM-1A, EP190-2, EP191-1, EP192-2, EP193-2, EP198-3, and EP254-3.
- 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 the access road to Helix Yard, access road to Thing Valley, Thing Valley Yard, EP54 to EP68, EP83 to EP86, access road to EP84, EP101, EP103-2 to EP105, and the access road to EP112-A.

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:
 - 117 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	157 of 169	148 of 169 EP78A to EP88-2 CP32 to CP42, CP50
Bureau of Land Management	179 of 179	157 of 179	138 of 179
Miramar	14 of 14	14 of 14	11 of 14
U.S. Forest Service	76 of 76	38 of 76	17 of 76 CP9-1 to CP12-3
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 from EP182-E to EP185-1-N, EP186-1, EP186-1 pull site, EP187-2-N, EP187-2 pull site, EP190-1, EP192-1, EP193-1, EP220-1, and EP220-1 pull site.
 - Micropile capping work at EP194-3, EP195-2, EP196-2, EP221A, EP223-1, EP224-1, and EP254-3.
 - Tower assembly at EP144, EP146, EP148-1, EP149-1, and EP151.

- Tower QA/QC at EP227, EP229-1 to EP237-1, EP246, and EP252A-1 to EP254-3.
 - Ground resistance testing at EP151.
 - Insulator work at EP151 and EP152.
 - Hanging racks inside the EP215 regen building.
 - Splicing at EP236-1, EP244, and EP255-2.
 - BMP maintenance at:
 - EP170, EP170 pull sites, EP170-E to EP185-1-E, EP186-1 pull site, EP172 to EP179, EP185-1, EP187-2 to EP209-1 (including pull sites and guard structure), EP211 to EP215 (including pull site and guard structure), EP217-1 to EP220-1 (including pull site and guard structures), EP239-1, EP240, EP242 to EP245-1 (including guard structure), EP247, EP248-1, EP250, EP251, EP252-1 to EP255-2 (including pull site and guard structure), GS-NF-34, GS-BLM-2, and GS-NF-36.
 - Hydromulching at EP351, EP358, and EP359.
 - Weed abatement at EP170.
- Link 2
 - During this reporting period, the PAL levels were as follows: Monday-D, Tuesday-B, Wednesday-B, Thursday-A, 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 EP108-2, EP111-4, EP113-5, EP122-1, EP123-1, and EP128.
- Access road construction/maintenance at EP9-1-N, EP11-3-N, EP74-1-E, EP76-2-E, EP78A-E, EP125-N, EP126-1-N, EP127-N, EP130-1-N, and EP131-N.
- Gate work at EP11-3, EP125-N, EP126-1-N, EP127-E, EP130-1-N, EP131-N, and EP141-E-C.
- Arroyo toad fence maintenance from EP66-E to EP69-E.
- Micropile pull testing at EP21-1.
- Micropile capping work at EP4-3, EP5-2, EP7-1, EP8-2, EP21-1, EP34-1, EP37-2, EP58-2, EP120A, EP121A-1, EP142-1, and EP143-1.
- Tower assembly at EP2-3, EP3-3, EP5-2 to EP12-3, EP22-1, EP34-1, EP36-1, EP58-2, EP108-2, EP109-1, EP111-4, EP112-3, EP112A-1, EP113-5, EP113-5 pull sites, EP114-2, EP115-1, EP116-1, EP118-2, EP120-4 to EP124, EP124/125 pull site, EP125, EP140-1, EP142-1, and EP143-1.
- QA/QC at EP6-1, EP7-1, EP12-3, EP25-2, EP28-3, EP29-2, EP111-4, and EP112-3.
- Ground resistance testing from EP7-1, EP10-2, EP58-2, EP108-2, EP125, EP126-1, EP130-1, EP131, EP142-1, and EP143-1.
- Wire pull prep at EP9-1 pull site and EP141.
- Equipment mobilization at EP9-1 pull site, EP12-3 pull site, and EP36-1.
- Sock line, hardline, and conductor flown from EP9-1 to EP12-3.
- Insulator work at EP4-3, EP6-1, EP11-3, and EP12-3 pull site.
- Clipping in from EP9-1 to EP12-3.
- Spacer installation from EP9-1 to EP12-3.
- Dead-end work from EP9-1 to EP12-3.
- Pole replacement work near EP62A-1.
- BMP maintenance at:
 - EP2-1 to EP4-3, EP6-1, EP9-1 pull site, EP13-3 to EP21-1, EP22-1 to 24-1 (including pull sites), EP28-2, EP29-2, EP33-1 to EP35-1 to EP37-2, EP53-3-E-A to EP65-1-E, EP57-2, EP58-2, EP64, EP110-2, EP112-3, EP113-5, EP126-1, EP127, EP128, EP125-N, EP126-1-N, EP127-N, EP130-1-N, EP130-1, EP130-1 pull site, EP131, EP131-E, EP131-N,

EP138-2-E-A, EP138-2-E-B, EP140-1-N, EP141, EP141-E-A, EP141-E-B, EP141-E-C, EP141 pull sites, EP142-1, GS-USFS-3, and GS-USFS-4.

BLM Land

- Vegetation maintenance at EP101-2, EP102A-1, EP103-2, and EP103A.
- Access road construction/maintenance at EP71-E, EP72-E, EP73-1-E-A, EP73-1-E-B, EP73-1-E-C, and EP75-2-N.
- Arroyo toad fence maintenance from EP49-E to EP52-1-E and EP66-E to EP69-E.
- Micropile trimming and pull testing at EP56-4.
- Micropile capping work at EP40-1, EP41, EP48, EP50, EP53-3, EP56-4, EP69, EP70, EP71, EP72, EP73-1, EP74-1, EP102A-1, and EP103-2.
- Tower assembly at EP39-1 to EP41, EP69, EP71, EP72, EP73-1, EP74-1, EP102A-1, and EP103-2.
- QA/QC at EP40-1, EP41, EP48, EP49, and EP53-2.
- Ground resistance testing at EP102A-1, EP103-2, and EP103A.
- Wire pull prep at EP101-2 pull site.
- BMP installation/maintenance at:
 - EP39-1 to EP42 (including pull site), EP42-N, EP47, EP47-2-PS-N to EP51-1-E, EP47-2 to EP51-1, EP58-2-E, EP63, EP68, EP69, EP71 to EP74-1 (including associated access roads), EP94 to EP99-2 (including associated access roads), EP101-2 pull site, EP101-2-N, EP101-2-E, EP102A-1, EP103-2, EP103A, and EP103A-N.

Non-Federal Land

- Vegetation maintenance at EP104-2, EP105-2, and GS-NF-29.
- Rock breaking at EP91 pull site east.
- Arroyo toad fence maintenance from EP49-E to EP52-1-E and EP66-E to EP69-E.
- Micropile capping work at EP31-1, EP52-1, EP62A-1, EP64, and EP107-3.
- Tower assembly at EP1-3, EP25-2, EP30-2 pull site, EP31-1, EP32-1, EP52-1, EP62A-1, EP64, EP78, EP78A, and EP106-3.
- QA/QC at EP1-3 and EP52-1.
- Ground resistance testing at EP62A-1, EP78, EP106-3, and EP107-3.
- Guard structure installation prep at GS-NF-29.
- Sagging and clipping began from EP78A to EP89-1.
- Snubs installed at EP54-1 pull site.
- OPGW flown, clipped in, and sagged from EP78A to EP89-1.
- Pole replacement work near EP62A-1.
- BMP installation/maintenance at:
 - EP1-3, EP25-2, EP26-1, EP27-1, EP30-2 pull site, EP31-1, EP52-1, EP53-3, EP53-3-E-A to EP65-1-E, EP54-1, EP54-1 pull site, EP62A-1, EP64 to EP67 (including pull sites), EP77, EP83, EP84, EP86-1, EP87-1, EP91 to EP93, EP104-2, EP105-2, EP106-3, EP107-3, EP119-2, GS-NF-17, GS-NF-20, and GS-NF-22.

- Link 5

- During this reporting period, the PAL levels were as follows: Monday-D, Tuesday-B, Wednesday-B, Thursday-A, 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

- BMP maintenance at CP100-1.

BLM Land

- QA/QC at CP59 and CP61-1.
- BMP installation/maintenance from CP58-1 and CP60.

Non-Federal Land

- Vegetation maintenance at CP79-1, CP81-1, and CP83 to CP88-1.
- Micropile cap work at CP21, CP28-1, CP32-2 to CP34-2, CP74-2, and CP77 to CP83.
- Miscellaneous tower work at CP54-1, CP55, CP75-1, and CP98-1.
- QA/QC at CP55.
- Grounding at CP25-2, CP28-1, CP36-1, CP43-1, CP44-1, CP53-1, GS-NF-2, and GS-NF-10.
- Clipping in and sagging from CP31-2 to CP35-2.
- Clipping in at CP32-2 and CP33-2.
- Sagging at CP41-2.
- Marker ball installation from CP37-2 to CP40-2.
- Dead-end work at CP31-2 to CP35-2, CP41-2, and CP42-1.
- Splicing at CP31-2, CP43-1, CP65-1, and EP75-1.
- Spacer installation between CP31-2 and CP43-1.
- Cleanup at CP31-2 pull site, CP81-1, and CP83.
- Guard structure removal at GS-NF-4 and GS-NF-7.
- BMP installation and maintenance at:
 - CP15-1 pull sites, CP17-1, CP21 to CP26 (including pull sites and guard structure), CP29-1, CP31-2, CP43-1 to CP46-2, CP47A-1, CP49-1 to CP51-2, CP56-1-PS-E-B, CP56-1, CP62-2, CP75-1, CP79-1, CP81-1, CP82-1, CP84, CP85-1, CP86, CP95-1, CP98-1, CP109-1, and GS-NF-7.

Miramar

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

69kV

- No work occurred during this reporting period.

Underground Construction (Link 4)

- Revitalization – Alpine Blvd.
- Splicing inside V20R.
- Work inside MH4, V15L, and V16L.
- Racking inside V11L and V12L.
- Testing – Loritz and Slay properties.
- Cooling system work at the bore site.
- Asphalt milling east of West Willows Road.
- Termination repair – Loritz property
- Moving equipment to Slay property.
- Removing the generator from 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.
- Electrical testing on the series capacitor.
- Removal of the ABB office trailer.
- Staking and flagging removal around the perimeter of the substation pad.
- Fence installation around the series capacitor.
- 3-inch rock removal at the north dissipater.

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 working on circuit breakers between Bays 1 and 7 and in Bays 9 and 10.

Scripps:

- No Sunrise-related work.

Pomerado:

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

Sycamore:

- SDG&E construction crews working on wiring from 69kV rack to Bank 70/71 transformers and preparing for wire pull into substation.
- SDG&E crews working on wire pull in CP-2 and CP-3.

Imperial Valley:

- No Sunrise-related work.

Construction Yards

- Sycamore Yard – Dust suppression, helicopter operations, and staging for road and driveway crews.
- Helix Yard – Helicopter operations, weed wash station, dust suppression, and staging for assembly, clean up, wire, and QC crews.
- El Monte Yard – No activity.
- Alpine Yard – Equipment/Materials staging, water staging, dust suppression, weed wash station, and staging for gate crews.
- Wilson Yard – Helicopter operations, dust suppression, tower assembly, and staging for wire, QC, and erection crews.
- SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station, tower assembly, weed maintenance, and staging for erection, hauling, and QC crews.
- Barrett Canyon Yard – No activity.
- Kreuzkamp Yard – Helicopter operations, weed wash station, water staging, dust suppression, and staging for wire crews.
- Bartlett Hauser Yard – Water staging, helicopter operations, weed wash station, dust suppression,

- weed treatment, tower assembly, and staging for wire, erection, road, and QC crews.
- Thing Valley Yard – Helicopter operations, water staging, dust suppression, tower assembly, and hauling steel to yard.
 - McCain Valley Yard – Helicopter operations, water staging, dust suppression, and tower assembly.
 - Rough Acres Yard – Helicopter operations, water staging, dust suppression, tower assembly, material hauling and staging, weed wash station, and staging for erection, QC, hauling, road, wire, conventional foundation, micropile, survey, and BMP crews.
 - Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water staging, and dust suppression.

Wildlife Reporting

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

- No listed or Species of Special Concern were found dead in Project construction limits during this reporting period.

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

- Coast Horned Lizard (*Phrynosoma coronatum blainvillii*) – Three (3) coast horned lizards were relocated; one (1) from EP170 west pull site, one (1) from EP141 pull site, and one (1) from EP85.
- Red Diamond Rattlesnake (*Crotalus ruber*) – Two (2) red diamond rattlesnakes were relocated; one (1) from EP7-1 and one (1) from Kreutzkamp Yard.
- San Diego Ring-necked Snake (*Diadophis punctatus similis*) – One (1) San Diego ring-necked snake was relocated from Thing Valley Yard.
- Two-striped Garter Snake (*Thamnophis hammondi*) – One (1) two-striped garter snake was relocated between EP66 and EP65.

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

- No variations or TEWS were approved 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.



Helicopter activity at Bartlett Yard. (Photo courtesy of Krista Galm.)

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

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

Date	Location	Observed		Injured		Relocated		Dead	
		Day	Night	Day	Night	Day	Night	Day	Night
	Post RCLMP*								
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			
7/30/2011	EP322					1			

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

Date	Location	Observed		Injured		Relocated		Dead	
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	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	

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

Date	Location	Observed	Injured	Relocated	Dead
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
5/17/2011	AR to IV Substation				1

Flat Tailed Horned Lizard Counts - Week Ending 05/05/2012					
Date	Location	Observed	Injured	Relocated	Dead
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	25

*RCLMP refers to the Revised Construction Lighting Mitigation Plan

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

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

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

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

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

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

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed	
			Nesting	Flying	Perching	Roosting	Scavaging		
10/12/2011	EP300-EP301	2		2				no	
10/11/2011	Plaster City Yard	2			2			no	
10/11/2011	IV Substation	2					2	no	
10/10/2011	Fromm CY	2				2		no	
10/10/2011	EP359-EP360	2		2				no	
10/10/2011	EP355-EP363	2		2				no	
10/10/2011	EP301	3		3				no	
10/9/2011	S2 Yard	3					3	no	
10/9/2011	EP300	6		6				no	
10/8/2011	EP357	2			2			no	
10/8/2011	EP306	3					3	no	
10/7/2011	Dunaway CY	1		1				no	
10/7/2011	EP291-EP301	3		3				no	
10/6/2011	Fromm CY	2					2	no	
10/5/2011	Dunaway CY	2		2				no	
10/5/2011	EP303-2	2		2				no	
10/4/2011	EP310 & EP311	2		2				no	
10/4/2011	EP301	3					3	no	
10/4/2011	EP293	2		2				no	
10/3/2011	S2 Yard	2					2	no	
10/3/2011	Dunaway CY	2			2			no	
10/2/2011	EP356-EP363	2		1	1			no	
10/1/2011	Plaster City Yard	2					2	no	
10/1/2011	EP360	2			2			no	
9/30/2011	S2 Yard	2					2	no	
9/30/2011	EP355	1		1				no	
9/30/2011	EP314	2		2				no	
9/30/2011	EP301	2		1	1			no	
9/29/2011	EP291/EP292 Pullsite	1			1			no	
9/28/2011	EP361	1			1			no	
9/27/2011	EP315	2		1	1			no	
9/27/2011	EP309	1		1				no	
9/27/2011	EP301 & EP304	4		3	1			no	
9/27/2011	EP290	1			1			no	
9/26/2011	EP362	2			2			no	
9/26/2011	Fromm CY	1				1		no	
9/25/2011	No ravens observed								
9/24/2011	Plaster City Yard	2					2	no	
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	

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
9/22/2011	EP295-EP322	3		3				no
9/21/2011	S2 Yard	3			3			no
9/21/2011	Fromm CY	1					1	no
9/21/2011	EP303	1		1				no
9/20/2011	S2 Yard	2			2			no
9/20/2011	Fromm CY	1				1		no
9/19/2011	S2 Yard	3			3			no
9/19/2011	EP304, EP307, EP309	1		1				no
9/18/2011	S2 Yard	3				3		no
9/18/2011	EP281	1		1				no
9/17/2011	S2 Yard	3					3	no
9/17/2011	EP362	1			1			no
9/17/2011	Fromm CY	3				3		no
9/16/2011	EP363	2			2			no
9/16/2011	Fromm CY	1					1	no
9/16/2011	EP304	2		2				no
9/16/2011	EP290	1		1				no
9/15/2011	S2 Yard	4			4			no
9/15/2011	Fromm CY	3					3	no
9/15/2011	EP296	1		1				no
9/15/2011	EP306	2					2	no
9/15/2011	EP304	1		1				no
9/15/2011	EP301	2		2				no
9/14/2011	Plaster City Yard	1			1			no
9/14/2011	EP361	2			2			no
9/14/2011	Fromm CY	1				1		no
9/14/2011	EP308	1					1	no
9/14/2011	EP301	5		4	1			no
9/14/2011	EP292	3		3				no
9/13/2011	S2 Yard	10			10			no
9/13/2011	EP348	3		3				no
9/13/2011	EP345	2		2				no
9/13/2011	EP326	1					1	no
9/13/2011	EP325	2		2				no
9/13/2011	EP326	1		1				no
9/13/2011	EP304	7		7				no
9/13/2011	EP291	7		7				no
9/12/2011	S2 Yard	3			3			no
9/12/2011	EP350	1		1				no
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

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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							
7/9/2011	EP351	not specified						no
7/9/2011	EP353	not specified						no
7/9/2011	EP354	not specified						no
7/9/2011	EP355	not specified						no
7/9/2011	not specified	not specified						no
7/9/2011	S2 Yard	3					3	no
7/8/2011	EP303	2			1		1	no
7/8/2011	EP303	1		1				no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
7/8/2011	S2 Yard	3					3	no
7/1/11-7/7/11	No ravens observed							
6/30/2011	EP300	3		3				no
6/21/11-6/29/11	No ravens observed							
6/20/2011	S2 Yard	2					2	no
6/1/11-6/19/11	No ravens observed							
5/1/11-5/31/11	No ravens observed							
4/22/11-4/30/11	No ravens observed							
4/21/2011	EP341	1	1					no
4/1/11-4/20/11	No ravens observed							
3/1/11-3/31/11	No ravens observed							
2/1/11-2/28/11	No ravens observed							
1/21/11-1/31/11	No ravens observed							
1/21/2011	Rough Acres Yard	not specified						no