



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 was held for new Project personnel on Tuesday. 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.
- Post-construction impact surveys occurred from EP137 to EP173, EP174 to EP176, EP177 to EP179, EP180 to EP184, EP185 to EP186, EP187 to EP191, EP292 to EP297, and EP198 to EP203.
- Surveyed grounding locations/fence line at EP120.
- 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 at access road to Sycamore Yard, access road to Helix Yard, McCain Valley Road, and access road to Thing Valley Yard.

Construction

- Monitors were present during construction activities to ensure compliance with mitigation measures as identified in the Final EIR/EIS Mitigation Monitoring, Compliance, and Reporting 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:
 - § 97 Biological monitors.
 - § 1 Native American monitor.
 - § 8 SWPPP monitors.



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- 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	169 of 169	169 of 169 EP119, EP52, EP54
Bureau of Land Management	179 of 179	179 of 179	179 of 179 EP47 to EP51, EP53
Miramar	14 of 14	14 of 14	14 of 14
U.S. Forest Service	76 of 76	76 of 76	76 of 76 EP113 to EP125 EP12 to EP23
UNDERGROUND			
Agency	Vaults Installed	Trenches Excavated & Backfilled	
Non-Federal	40 of 40	42 of 42	
SUBSTATION UPGRADES			
4 of 7 Completed			
SUNCREST SUBSTATION			
100 Percent Complete			

Overhead Construction

- Link 1
 - § BBG fence repairs at EP269-1.
 - § Final grading at EP220-1-N, EP232-E-B, and EP242-N.
 - § Fence grounding at EP269-1 pull site.



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- § Miscellaneous tower work at EP144 to EP146, EP149, EP170 to EP173, EP187-2 to EP196-2, EP199-3, EP200-3, EP205-2 to EP208, EP209-1, EP211, EP214, EP215, EP219-1, EP220-1 to EP231A, EP234-1 to EP238-1, EP252-1, EP254-3, and EP304-2.
- § Splicing at EP291 and EP269-1.
- § Insulator cleaning from EP125 to EP127(U), EP130-1(U), EP131(U), and EP170 to EP185-1.
- § BMP maintenance at EP144 to EP152, EP174 to EP178, EP186-1, EP187-2, EP196-2 to EP200-3, EP209-1-N, EP211-E to EP213-E, EP206-1 to EP209-1, EP211, EP215, EP215 pull site, EP219-1, EP220-1, EP223-1 EP237-1 pull site, EP232-N, EP234-1, EP239-1, EP242 to EP245-1, EP248-1, EP255, GS-NF-32, GS-NF-33, GS-NF-34, and GS-NF-36.
- § Hydromulching at EP170 pull site west, EP174 to EP177, EP187-2, EP189-3, EP190-2, EP192-2, EP192/EP193 pull site, EP198-3, and EP228.

· Link 2

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

- § Fence grounding at EP125-E-A and between EP141 and EP142-1.
- § Tower assembly at EP19-1, EP108-2, EP114-2 to EP117-2, EP120-4 to EP130-1, EP142-1, and EP143-1.
- § Miscellaneous tower work at EP5-2 to EP8-2, EP10-2, EP18, EP21-1, EP28-3, EP29-2, EP108-2, EP109-1, EP120-4 to EP130-1, EP126-1, EP127, EP129, EP130-1, and EP131.
- § QA/QC at EP8-2, EP17-1, EP18-1, EP21-1, EP24-1, EP33-1 to EP37-2, EP118-2, and EP132-2.
- § OPGW flown and clipped in from EP12-3 to EP22-1.
- § Sagging at EP58-2 and from EP113-5 to EP125.
- § Clipping in from EP108-2 to EP125.
- § Dead-end work at EP12-3 to EP23-2, EP58-2, and EP108-2 to EP124.
- § Insulator work at EP113-5 to EP117-2.
- § Insulator washing at EP12-3, EP22-1 to EP24-1, EP125 to EP127, EP130-1, EP131, EP138-2, and EP141.
- § Jumper work at EP12-3 to EP23-2, EP29-2, EP33-1, EP58-2, and EP113-5 to EP120-4.
- § Spacers installed at EP21-1 to EP23-2, EP58-2, and EP113-5 to EP124.
- § Marker ball installation at EP12-3 to EP23-2, EP108-2 to EP113-1, and EP113-5 to EP124.
- § Splicing at EP12-3, EP22-1, EP118-2, and EP125.
- § Punchlist wire work at EP120-4 to EP129 and EP139-1.
- § Cleanup at EP12-3 to EP23-2, EP33-1 to EP35-1, and EP108-2 to EP113-1.
- § BMP maintenance at EP2-3, EP4-3, EP6-1 to EP24-1 (including pull sites), EP110-2, EP120-4, EP120A, EP124, EP124/EP125 pull site, EP125 to EP131, EP139-1, EP141 pull sites, EP142-1, and EP143-1.
- § Hydromulching at EP6-1 to EP8-2, EP10-2, EP14-1, EP15, EP17, EP18-1, EP21-1, EP28-3, EP37-2, EP57-2, EP58-2, EP114-2 to EP118-2, GS-USFS-3, and GS-USFS-4.

BLM Land

- § Final grading from EP94 to EP103-2 (including associated access roads).
- § Tower assembly at EP53-3 and EP63.
- § Miscellaneous tower work at EP63 and EP96 to EP103-2.



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- § QA/QC at EP39-1 to EP42 and EP53-3.
- § OPGW flown from EP47-2 to EP54-1.
- § Hardline and conductor pulled from EP47-2 to EP54-1.
- § Dead-end work at EP53-3.
- § Clipping in from EP47-2 to EP54-1.
- § Sagging from EP47-2 to EP54-1.
- § Insulator washing at EP49, EP51-1, EP68, and EP69.
- § Jumper work at EP53-3.
- § Spacers installed from EP47-2 to EP54-1.
- § Splicing at EP42.
- § Marker ball installation from EP39-1 to EP42, EP49 to EP51-1, and EP53-3 to EP56-4.
- § Wire punchlist work at EP103-2.
- § Grounds removed from EP47-2.
- § Equipment demobed from EP47-2.
- § BMP installation/maintenance at EP39-1 to EP42, EP56-4, EP63, and EP68 to EP74-1.
- § BMPs removed from EP70 to EP74-1.
- § Hydroseeding at EP48 and EP56-4.

Non-Federal Land

- § Vegetation maintenance at EP87-1 TSAP.
- § Gate installation/maintenance at EP11-3-N, EP30-2-N, and EP105-2-N.
- § Final grading from EP91 to EP93 (including associated access roads).
- § Grounding at EP80 and EP81.
- § Tower assembly at EP54-1, EP67, EP80, EP81, and EP119-2.
- § Miscellaneous tower work at EP25-2 to EP27-1, EP30-2, EP31-1, EP80, EP81, and EP104-2 to EP107-3.
- § QA/QC at EP25-2 to EP27-1 and EP30-2 to EP32-1.
- § Anchors cut at EP119-2 and GS-NF-29.
- § Regen work continued near EP54-1.
- § OPGW flown from EP47-2 to EP54-1.
- § OPGW work at EP67.
- § Hardline and conductor pulled from EP47-2 to EP54-1.
- § Insulator washing at EP26-1, EP54-1, EP62A-1, and EP65-1 to EP67.
- § Sagging and clipping in at EP47-2 to EP54-1 and EP119-2.
- § Jumper work at EP52-1, EP62A-1, and EP119-2.
- § Dead-end work from EP52-1, EP62A-1, and EP119-2.
- § Clipping in at EP47-2 to EP54-1 and EP119-2.
- § Marker ball installation at EP53-3 to EP56-4 and EP119-2.
- § Spacer work at EP47-2 to EP54-1 and EP119-2.
- § Cleanup at EP32-1.
- § Splicing at EP30-2, EP54-1, and EP67.
- § Guard structure demobilization at GS-NF-6 and GS-NF-29.
- § BMP installation/maintenance at EP1-4, EP64 to EP66, EP80 to EP93, EP119-2, GS-NF-17, GS-NF-26, and GS-NF-29.
- § Hydromulching at EP52-1, EP80 to EP83, EP106-3, EP107-3, and EP119-2.

• Link 5

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

- § Grading at CP69-2-E-A and CP70-3-E-B.
- § QA/QC at CP69-2, CP103-2, and CP104-1.
- § BMP maintenance at CP69-2, CP99-2, and CP101-1 to CP105-1.

BLM Land

- § BMP installation and maintenance at CP59.

Non-Federal Land

- § Grading at CP69-2-E-A and CP70-3-E-B.
- § Final grading at CP98-N-A.
- § Miscellaneous tower work at CP109-1.
- § QA/QC at CP17-1, CP19-1, CP63-3, and CP70-3.
- § BMP installation and maintenance at CP17-1, CP18-1, CP22-1 to CP24-1 (including guard structures and pull site), CP31-2 pull site west, CP44-1, CP49-1, CP55 pull site, CP57, CP62-2, CP70-3, CP72-2, CP73-2, CP98-N-A, CP109-1, GS-NF-2, GS-NF-3, GS-NF-6, GS-NF-7, and GS-NF-9.
- § Restoration at CP49-1-PS-N and CP49-1 pull site.

Miramar

- § Final grade and restoration at CP6-1, CP7, CP10-1, and CP11-1.
- § Miscellaneous tower work at CP1B, CP14, and CP15-1.
- § QA/QC at CP14.
- § BMP installation and maintenance at CP2, CP3, CP6-1, CP8-2, CP12-1, CP14, and GS-DOD-1.

69kV

- § TL639
 - § Bird deterrents installed at Location 1.
- § TL6915/6924
 - § Bird deterrents installed at Location 6.
 - § Insulators replaced at Locations 4 and 12.
 - § Wire pull prep from Location 1 to 6.
 - § BMP maintenance at Locations 5 to 7, 9, 10, 12, and 15 to 20.
 - § BMP maintenance on distribution poles 137565, 137568, 207909, 874109, and 190544.

Underground Construction (Link 4)

- CAM crew removing bird deterrent netting at CP96.
- PAR crew working on BMPs on the Loritz access road.
- PAR crew working on low flow crossing at the Loritz property.
- UPC crew working on CP96 installing lightning arresters and jumpers.
- UPC crew working at the Slay property.
- Kinnectrics cleaning up materials and removing a testing trailer at Loritz property.
- SDG&E crew installing jumpers at the Slay property.
- UPC crew working on CP87.
- PAR crew conducting clean-up activities at the Loritz property.
- ABB & MASS crews working in vaults between the Loritz and Slay properties.

Suncrest Substation Construction (Link 3)

- Work inside the control shelter.



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- SDG&E crew installing 500kV jumpers.
- Alcorn fence installing visual screening slats in the chain link fence.
- Beta crew flushing storm drain line and brow ditch.
- Beta crew removing materials from the site.
- SDG&E working in the 230kV yard.
- Beta crew spraying Natina along the brow ditch.
- PAR working at EP-1 on the south side of the substation installing marker balls.
- Ongoing bird sweeps in and around the substation.

Substation Upgrades

San Luis Rey:

- Bird sweeps/surveys ongoing to identify and deter nest building.
- SDG&E crew working on Sunrise upgrades.
- SDG&E crew energizing new transformer.

Encina:

- SDG&E relay and wiring crews performing wiring near the control house.

Scripps:

- No Sunrise-related work.

Pomerado:

- No Sunrise-related work.

Sycamore:

- Sunrise start-up program work and ongoing bird sweeps inside the substation.

Construction Yards

- Sycamore Yard – Occasional helicopter operations and staging for road crews.
- Helix Yard – Occasional helicopter operations and staging for BMP crews.
- El Monte Yard – No activity.
- Alpine Yard – Hub for equipment/materials staging, weed wash station, and staging for gate, clean-up, road, and QC crews.
- Wilson Yard – Occasional helicopter operations.
- SWAT Yard – Frequent helicopter operations, weed wash station and staging for micropile capping, assembly, wire, hydromulching, and QC crews.
- Barrett Canyon Yard – No activity.
- Kreuzkamp Yard – Intermittent helicopter operations, weed wash station, and staging for wire and QC crews.
- Bartlett Hauser Yard – Frequent helicopter operations, weed wash station, and staging for road, QC, erection, wire, BMP, and assembly crews.
- Thing Valley Yard – Helicopter operations and staging for assembly, BMP, QC, and wire crews.
- McCain Valley Yard – Occasional helicopter operations.
- Rough Acres Yard – Frequent helicopter operations, material hauling and staging, weed wash station, and staging for road, erection, hydromulching, habitat assessment, BMP, and QC crews.
- Jacumba Valley Ranch (JVR) Yard – Occasional helicopter operations and weed wash station.

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:

- Coastal Rosy Boa (*Charina trivirgata roseofusca*) – One (1) coastal rosy boa was found dead at CP14.

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

- Coast Horned Lizard (*Phrynosoma coronatum blainvillii*) – One (1) coast horned lizard was relocated from McCain Yard.
- Two-striped Garter Snake (*Thammonphis hammondi*) – One (1) two-striped garter snake was relocated from Kreuzkamp Yard.

Spills/Hazardous Waste

- No spills were reported 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.

Variances and TEWS

- No new variiances and 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.

Appendices

Flat-Tailed Horned Lizard Monitoring Report

Raven Control Monitoring Report

Flat Tailed Horned Lizard Counts - Week Ending 06/16/2012

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 06/16/2012

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 06/16/2012

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 06/16/2012					
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 06/16/2012

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
6/16/2012			No ravens observed					
6/15/2012			No ravens observed					
6/14/2012			No ravens observed					
6/13/2012			No ravens observed					
6/12/2012			No ravens observed					
6/11/2012			No ravens observed					
6/10/2012			No ravens observed					
6/9/2012			No ravens observed					
6/8/2012			No ravens observed					
6/7/2012			No ravens observed					
6/6/2012			No ravens observed					
6/5/2012			No ravens observed					
6/4/2012			No ravens observed					
6/3/2012			No ravens observed					
6/2/2012			No ravens observed					
6/1/2012			No ravens observed					
5/31/2012			No ravens observed					
5/30/2012			No ravens observed					
5/29/2012			No ravens observed					
5/28/2012			No ravens observed					
5/27/2012			No ravens observed					
5/26/2012			No ravens observed					
5/25/2012			No ravens observed					
5/24/2012			No ravens observed					
5/23/2012			No ravens observed					
5/22/2012			No ravens observed					
5/21/2012			No ravens observed					
5/20/2012			No ravens observed					
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					

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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					
3/21/2012	Plaster City Yard	2			2			no
3/20/2012			No ravens observed					
3/19/2012			No ravens observed					

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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					
2/9/2012	S2 Yard	2		2				no
2/8/2012	S2 Yard	3		2			1	no
2/7/2012	S2 Yard	3		2			1	no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
2/6/2012	S2 Yard	3		2			1	no
2/5/2012	No ravens observed							
2/4/2012	S2 Yard	2			2			no
2/3/2012	No ravens observed							
2/2/2012	Pull site EP338/EP339	2			2			no
2/2/2012	S2 Yard	1		1				no
2/1/2012	Pull site EP338/EP339	3		3				no
1/31/2012	EP330	2		2				no
1/30/2012	No ravens observed							
1/29/2012	No ravens observed							
1/28/2012	No ravens observed							
1/27/2012	Plaster City Yard	2					2	no
1/26/2012	S2 Yard	2		2				no
1/26/2012	EP341	2			2			no
1/26/2012	EP316	2		2				no
1/25/2012	EP324	1		1				no
1/24/2012	No ravens observed							
1/23/2012	No ravens observed							
1/22/2012	No ravens observed							
1/21/2012	No ravens observed							
1/20/2012	No ravens observed							
1/19/2012	EP326-EP328	2		2				no
1/18/2012	EP334	1		1				no
1/17/2012	EP329-1	2			2			no
1/16/2012	No ravens observed							
1/15/2012	No ravens observed							
1/14/2012	No ravens observed							
1/13/2012	No ravens observed							
1/12/2012	No ravens observed							
1/11/2012	No ravens observed							
1/10/2012	No ravens observed							
1/9/2012	No ravens observed							
1/8/2012	No ravens observed							
1/7/2012	No ravens observed							
1/6/2012	No ravens observed							
1/5/2012	No ravens observed							
1/4/2012	No ravens observed							
1/3/2012	No ravens observed							
1/2/2012	No ravens observed							
1/1/2012	No ravens observed							
12/31/2011	No ravens observed							
12/30/2011	No ravens observed							
12/29/2011	EP313-EP304 & EP295-EP292	2			2			no
12/28/2011	EP294	20			20			no
12/27/2011	EP292	2			2			

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
12/4/2011	IV Substation	2		2				no
12/4/2011	Fromm CY	2				1	1	no
12/4/2011	EP294	1		1				no

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

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed	
			Nesting	Flying	Perching	Roosting	Scavaging		
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	
9/22/2011	EP295-EP322	3		3				no	
9/21/2011	S2 Yard	3			3			no	
9/21/2011	Fromm CY	1					1	no	

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
9/6/2011	No ravens observed							
9/5/2011	No ravens observed							
9/4/2011	No ravens observed							

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
8/10/2011	S2 Yard	3				2	1	no
8/9/2011	S2 Yard	not specified						no
8/8/2011	EP294	2			2			no

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
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
7/8/2011	S2 Yard	3					3	no
7/1/11-7/7/11	No ravens observed							
6/30/2011	EP300	3		3				no

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