

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, PBS, and additional training are held 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**

- 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.

### **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.
- 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.



The table below demonstrates the construction progress to date:

<b>OVERHEAD</b>			
Agency	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169 of 169	169 of 169	169 of 169
Bureau of Land Management	179 of 179	179 of 179	179 of 179
Miramar	14 of 14	14 of 14	14 of 14
U.S. Forest Service	76 of 76	76 of 76	76 of 76
<b>UNDERGROUND</b>			
Agency	Vaults Installed	Trenches Excavated & Backfilled	
Non-Federal	40 of 40	42 of 42	
<b>SUBSTATION UPGRADES</b>			
4 of 7 Completed			
<b>SUNCREST SUBSTATION</b>			
100 Percent Complete			

<b>PROJECT WIDE JOB SITE CLOSEOUT AND CLEANUP</b>				
Agency	TSAP	Roads	Pull Sites	Tower Sites
Non-Federal	39 of 63	50 of 61	28 of 34	121 of 169
Bureau of Land Management	55 of 63	101 of 107	23 of 26	166 of 179
Miramar	0 of 0	7 of 10	2 of 4	8 of 14
U.S. Forest Service	33 of 49	13 of 19	8 of 11	53 of 76

Overhead Construction

- Link 1
  - § Anti climb guard installation and miscellaneous tower work at EP304-2.



- Link 2
  - § During this reporting period, the PAL levels were as follows: Monday-D, Tuesday-C, Wednesday-C, Thursday-B, Friday-B and Saturday-C. Work activities ended each day in accordance with the fire plan and the approved Ev letter as appropriate.

USFS Land

- § Coco blankets installation at EP117-2 and EP121-3.
- § Hydromulching at EP115-1.

BLM Land

- § No work on BLM Land.

Non-Federal Land

- § Anti climb guard installation at EP27-1 and EP32-1.

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

USFS Land

- § No work on USFS land.

BLM Land

- § No work on BLM Land.

Non-Federal Land

- § No work on private lands.

Miramar

- § No work on Miramar land.

69kV

- § No work on 69kV.

Suncrest Substation Construction (Link 3)

- No work was performed on Link 3 during this reporting period.

Substation Upgrades

San Luis Rey:

- No Sunrise-related work during this reporting period.

Encina:

- No Sunrise-related work during this reporting period.

Scripps:

- No Sunrise-related work during this reporting period.

Pomerado:

- No Sunrise-related work during this reporting period.

Sycamore:

- No Sunrise-related work during this reporting period.

IV:

- No Sunrise-related work during this reporting period.

Construction Yards

- Sycamore Yard – No activity (yard is complete).
- Helix Yard – Hydromulching.
- El Monte Yard – No activity (yard is complete).
- Alpine Yard – Cut and drilled anti climb guards, clean up and recycled steel.
- Wilson Yard – No activity (yard is complete).
- SWAT Yard – Hydromulching and clean up.
- Barrett Canyon Yard – No activity.
- Kreuzkamp Yard – Clean up.
- Bartlett Hauser Yard – Clean up.
- Thing Valley Yard – Fiber rolls installation and hydromulching.
- McCain Valley Yard – No activity (yard is complete).
- Rough Acres Yard – No activity (yard is complete).
- Jacumba Valley Ranch (JVR) Yard – Clean up.
- Fromm Yard – No activity (yard is complete).

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:

- 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:

- No listed or Species of Special Concern were relocated during construction activities this reporting period

**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.

### **Variations and TEWS**

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

### **Weather**

- Rain events occurred between October 9, 2012 to October 12, 2012
  - § Post storm totals from October 12, 2012:
    - § JVR Yard and McCain Valley Yard – 0.10 inches
    - § Suncrest Substation – 0.50 inches
    - § Helix Yard and Sycamore Yard – 0.25 inches
    - § Encina Substation – 0.65 inches
- BMPs were installed or maintained as needed in all active project areas currently undergoing stabilization and restoration activities. In accordance with the Construction General Permit (CGP), daily visual inspections of the BMPs are being performed by the contractor on sites that have yet to be stabilized and appropriate BMPs for stormwater and non-stormwater discharges were implemented. Any active, non-stabilized 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 10/13/2012									
Date	Location	Observed		Injured		Relocated		Dead	
		Day	Night	Day	Night	Day	Night	Day	Night
	Post RCLMP*								
9/11/2012	AR to IV Substation					1			
9/10/2012	AR to IV Substation					1			
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			
10/14/2011	AR to EP356					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	
9/2/2011	EP352	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	
8/20/2011	SWPL AR to IV Sub							1	
8/20/2011	SWPL AR btwn EP346/347					1			
8/19/2011	SWPL AR to EP339					1			
8/19/2011	EP355/356 Pullsite					1			
8/18/2011	EP347					1			
8/18/2011	SWPL AR to EP353							1	
8/12/2011	EP348/Dunaway CY AR					1			
8/11/2011	SWPL AR btwn EP357/358					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	W of Plaster City CY					1			

Flat Tailed Horned Lizard Counts - Week Ending 10/13/2012									
Date	Location	Observed	Injured	Relocated	Dead				
8/1/2011	AR to EP345			1					
7/30/2011	EP323			1					
7/28/2011	EP355/EP356 Pullsite			1					
7/27/2011	N of EP325, outside ROW	1							
7/26/2011	SWPL AR to EP344	1							
7/26/2011	EP347			1					
7/26/2011	AR to IV Sub			1					
7/25/2011	AR to IV Sub			1					
7/25/2011	AR to IV Sub			1					
7/25/2011	AR to IV Sub			1					
7/22/2011	AR to IV Sub			1					
7/21/2011	EP360			1					
7/21/2011	AR to EP326			1					
7/19/2011	Near EP346	1							
7/19/2011	EP353			1					
7/19/2011	AR to Dunaway CY			1					
7/18/2011	West of Plaster City CY			1					
7/17/2011	EP355			1					
7/15/2011	EP359	1							
7/15/2011	EP352	1							
7/15/2011	W of Plaster City CY	1							
7/14/2011	Spur Rd to EP355							1	
7/14/2011	Spur Rd to EP355							1	
7/14/2011	EP322	1							
7/13/2011	AR btwn EP355/354	1							
7/12/2011	EP344	1							
7/12/2011	SWPL AR btwn EP348/345							1	
<b>TOTAL POST RCLMP</b>		<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>43</b>	<b>0</b>	<b>14</b>	<b>0</b>
<b>Prior to RCLMP</b>		<b>Day</b>	<b>Day</b>	<b>Day</b>	<b>Day</b>				
7/11/2011	EP322-1			1					
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 10/13/2012					
Date	Location	Observed	Injured	Relocated	Dead
6/30/2011	EP360				1
6/27/2011	EP350			1	
6/27/2011	Near EP362-1	2			
6/26/2011	IV Substation Yard			1	
6/25/2011	Near EP359	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	Near EP355/356	1			
6/20/2011	SWPL AR to EP359			1	
6/20/2011	Near EP353	2			
6/20/2011	AR between EP358/357				1
6/18/2011	AR to Dunaway CY				1
6/17/2011	Near EP335	1			
6/11/2011	SWPL AR btwn EP360/361	1			
6/7/2011	Near EP355	1			
6/7/2011	EP361			1	
6/7/2011	Near EP321				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	AR east of EP325				1
6/1/2011	SWPL AR btwn EP320-1/322-1	1			
6/1/2011	SWPL AR btwn EP358/359	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 Substation Yard			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 Yard			3	
5/19/2011	IV Substation Yard			5	
5/19/2011	EP317	1			
5/19/2011	EP324			1	
5/18/2011	IV Substation Yard			1	

Flat Tailed Horned Lizard Counts - Week Ending 10/13/2012					
Date	Location	Observed	Injured	Relocated	Dead
5/18/2011	IV Substation Yard				1
5/17/2011	AR to IV Substation (EP363)				1
5/16/2011	IV Substation Yard	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	AR to Dunaway CY			1	
5/11/2011	EP360	1			
5/11/2011	Dunaway CY	3			
5/11/2011	Dunaway CY			4	
5/10/2011	EP322	1			
5/10/2011	AR to Dunaway CY	1			
5/9/2011	EP344	1			
5/9/2011	Dunaway CY			4	
5/8/2011	EP334	1			
5/7/2011	EP322	1			
5/7/2011	Spur Road to EP344	1			
5/7/2011	Dunaway CY			1	
5/6/2011	AR to EP321-1	1			
5/5/2011	AR to EP321-1	1			
5/5/2011	Dunaway CY			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			
4/23/2011	EP322-1	1			
4/22/2011	EP328-1	1			
4/18/2011	Plaster City CY			1	
4/14/2011	AR to IV Substation	1			
4/8/2011	EP324				1
4/5/2011	IV Sub AR	1			
4/2/2011	Dunaway CY	1			
<b>TOTAL PRIOR TO RCLMP</b>		<b>44</b>	<b>0</b>	<b>59</b>	<b>13</b>
<b>YTD</b>		<b>60</b>	<b>0</b>	<b>102</b>	<b>27</b>

\*RCLMP refers to the Revised Construction Lighting Mitigation Plan. Nighttime construction began the night of July 11, 2011.

**Raven Control Monitoring Report - Week Ending 10/13/2012**

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

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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
7/14/2012								No ravens observed
7/13/2012								No ravens observed
7/12/2012								No ravens observed
7/11/2012								No ravens observed
7/10/2012								No ravens observed
7/9/2012								No ravens observed
7/8/2012								No ravens observed
7/7/2012								No ravens observed
7/6/2012								No ravens observed
7/5/2012								No ravens observed
7/4/2012								No ravens observed
7/3/2012								No ravens observed
7/2/2012								No ravens observed
7/1/2012								No ravens observed
6/30/2012								No ravens observed
6/29/2012								No ravens observed
6/28/2012								No ravens observed
6/27/2012								No ravens observed
6/26/2012								No ravens observed
6/25/2012								No ravens observed
6/24/2012								No ravens observed
6/23/2012								No ravens observed
6/22/2012								No ravens observed
6/21/2012								No ravens observed
6/20/2012								No ravens observed
6/19/2012								No ravens observed
6/18/2012								No ravens observed
6/17/2012								No ravens observed
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

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

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

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



Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
1/21/2012			No ravens observed					
1/20/2012			No ravens observed					
1/19/2012	EP326-EP328	2		2				no
1/18/2012	EP334	1		1				no
1/17/2012	EP329-1	2			2			no
1/16/2012			No ravens observed					
1/15/2012			No ravens observed					
1/14/2012			No ravens observed					
1/13/2012			No ravens observed					
1/12/2012			No ravens observed					
1/11/2012			No ravens observed					
1/10/2012			No ravens observed					
1/9/2012			No ravens observed					
1/8/2012			No ravens observed					
1/7/2012			No ravens observed					
1/6/2012			No ravens observed					
1/5/2012			No ravens observed					
1/4/2012			No ravens observed					
1/3/2012			No ravens observed					
1/2/2012			No ravens observed					
1/1/2012			No ravens observed					
12/31/2011			No ravens observed					
12/30/2011			No ravens observed					
12/29/2011	EP313-EP304 & EP295-EP292	2			2			no
12/28/2011	EP294	20			20			no
12/27/2011	EP292	2			2			
12/26/2011	EP292	2					2	no
12/25/2011			No ravens observed					
12/24/2011	EP281, EP281GS & EP290	5		5				no
12/23/2011			No ravens observed					
12/22/2011	EP300-1, EP301 & EP304	3		3				no
12/21/2011			No ravens observed					
12/20/2011	EP290-EP291/EP292 Pullsite	2			2			no
12/19/2011			No ravens observed					
12/18/2011			No ravens observed					
12/17/2011	EP325	1		1				no
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
12/10/2011	EP306 & EP306/EP307 Pullsite	3		3				no
12/9/2011	IV Substation	1		1				no
12/9/2011	EP308 & EP306/EP307 Pullsite	2		2				no
12/9/2011	EP291 & EP291/EP292 Pullsite	2		2				no
12/8/2011	S2 Yard	3					3	no
12/8/2011	IV Substation	1		1				no
12/8/2011	EP301	2		2				no
12/8/2011	EP300-EP309	2		2				no
12/8/2011	EP291/EP292 Pullsite	2	2					no
12/8/2011	EP281	2		2				no
12/7/2011	IV Substation	1		1				no
12/7/2011	EP301	1			1			no
12/7/2011	EP291/EP292 Pullsite	1			1			no
12/7/2011	EP281	7		4	2	1		no
12/7/2011	S2 Yard	2			2			no
12/6/2011	S2 Yard	3				3		no
12/6/2011	EP301	2			2			no
12/6/2011	EP281	5		4		1		no
12/5/2011	S2 Yard	2					2	no
12/5/2011	IV Substation	2		2				no
12/5/2011	EP363	2		2				no
12/5/2011	EP281	6		6				no
12/4/2011	S2 Yard	3				3		no
12/4/2011	IV Substation	2		2				no
12/4/2011	Fromm CY	2				1	1	no
12/4/2011	EP294	1		1				no
12/3/2011	EP281	1		1				no
12/2/2011	IV Substation	1		1				no
12/1/2011	S2 Yard	2					2	no
11/30/2011	S2 Yard	2			2			no
11/29/2011	S2 Yard	2			2			no
11/28/2011	S2 Yard	4			4			no
11/28/2011	EP290-EP301	5		2	3			no
11/27/2011	S2 Yard	1		1				no
11/26/2011	No ravens observed							
11/25/2011	NO WORK: DAY AFTER THANKSGIVING							
11/24/2011	NO WORK: THANKSGIVING							
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
11/20/2011	IV Substation	2		2				no
11/19/2011	No ravens observed							
11/18/2011	EP358 and IV Substation	2		2				no
11/17/2011	No ravens observed							
11/16/2011	S2 Yard	5			5			no
11/15/2011	EP330-1	2					2	no
11/15/2011	EP304; EP330	1			1			no
11/14/2011	S2 Yard	6			6			no
11/13/2011	No ravens observed							
11/12/2011	Dunaway CY	1			1			no
11/11/2011	Dunaway CY	4					4	no
11/11/2011	S2 Yard	5					5	no
11/10/2011	Fromm CY	2					2	no
11/10/2011	EP355	1		1				no
11/9/2011	Dunaway CY	1			1			no
11/8/2011	S2 Yard	5			5			no
11/8/2011	Dunaway CY	2			2			no
11/7/2011	S2 Yard	3					3	no
11/7/2011	EP308-EP310	1					1	no
11/7/2011	EP301 Pullsite	7		6	1			no
11/6/2011	No ravens observed							
11/5/2011	S2 Yard	7			7			no
11/5/2011	IV Substation	1			1			no
11/4/2011	S2 Yard	5			5			no
11/3/2011	S2 Yard	5			3		2	no
11/3/2011	IV Substation	1			1			no
11/3/2011	Fromm CY	1				1		no
11/3/2011	EP303 and EP302	2			2			no
11/3/2011	EP281	2			2			no
11/2/2011	S2 Yard	4			4			no
11/2/2011	IV Substation	1		1				no
11/2/2011	EP305, EP310, EP311	1		1				no
11/1/2011	S2 Yard	2			2			no
11/1/2011	IV Substation	1		1				no
11/1/2011	EP305 and EP312	1			1			no
10/31/2011	S2 Yard	5			5			no
10/31/2011	AER and Fromm CY	1				1		no
10/30/2011	No ravens observed							
10/29/2011	IV Substation	3		3				no
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
10/24/2011	S2 Yard	3					3	no
10/24/2011	EP305	1			1			no
10/23/2011	S2 Yard	3			3			no
10/22/2011	No ravens observed							
10/21/2011	Dunaway CY	1			1			no
10/20/2011	S2 Yard	2					2	no
10/20/2011	Dunaway CY	5					5	no
10/19/2011	EP314	1		1				no
10/19/2011	EP290	5		5				no
10/18/2011	No ravens observed							
10/17/2011	EP301	3		3				no
10/16/2011	No ravens observed							
10/15/2011	S2 Yard	2					2	no
10/15/2011	Dunaway CY	1				1		no
10/15/2011	EP315	2					2	no
10/15/2011	EP301	3			3			no
10/14/2011	Fromm CY	3				3		no
10/14/2011	EP305	2		2				no
10/14/2011	EP301	3			3			no
10/13/2011	S2 Yard	2					2	no
10/13/2011	Dunaway CY	5					5	no
10/13/2011	Fromm CY	1					1	no
10/13/2011	EP354-EP363	2			2			no
10/13/2011	EP301	4		4				no
10/12/2011	EP300-EP301	2		2				no
10/11/2011	Plaster City Yard	2			2			no
10/11/2011	IV Substation	2					2	no
10/10/2011	Fromm CY	2				2		no
10/10/2011	EP359-EP360	2		2				no
10/10/2011	EP355-EP363	2		2				no
10/10/2011	EP301	3		3				no
10/9/2011	S2 Yard	3					3	no
10/9/2011	EP300	6		6				no
10/8/2011	EP357	2			2			no
10/8/2011	EP306	3					3	no
10/7/2011	Dunaway CY	1		1				no
10/7/2011	EP291-EP301	3		3				no
10/6/2011	Fromm CY	2					2	no
10/5/2011	Dunaway CY	2		2				no
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed	
			Nesting	Flying	Perching	Roosting	Scavaging		
10/1/2011	Plaster City Yard	2					2	no	
10/1/2011	EP360	2			2			no	
9/30/2011	S2 Yard	2					2	no	
9/30/2011	EP355	1		1				no	
9/30/2011	EP314	2		2				no	
9/30/2011	EP301	2		1	1			no	
9/29/2011	EP291/EP292 Pullsite	1			1			no	
9/28/2011	EP361	1			1			no	
9/27/2011	EP315	2		1	1			no	
9/27/2011	EP309	1		1				no	
9/27/2011	EP301 & EP304	4		3	1			no	
9/27/2011	EP290	1			1			no	
9/26/2011	EP362	2			2			no	
9/26/2011	Fromm CY	1				1		no	
9/25/2011	No ravens observed								
9/24/2011	Plaster City Yard	2					2	no	
9/24/2011	EP317	1		1				no	
9/24/2011	EP309	1		1				no	
9/23/2011	EP362	4			4			no	
9/23/2011	EP303	2		2				no	
9/22/2011	Fromm CY	1				1		no	
9/22/2011	EP303	2		2				no	
9/22/2011	EP301	2		2				no	
9/22/2011	EP295-EP322	3		3				no	
9/21/2011	S2 Yard	3			3			no	
9/21/2011	Fromm CY	1					1	no	
9/21/2011	EP303	1		1				no	
9/20/2011	S2 Yard	2			2			no	
9/20/2011	Fromm CY	1				1		no	
9/19/2011	S2 Yard	3			3			no	
9/19/2011	EP304, EP307, EP309	1		1				no	
9/18/2011	S2 Yard	3				3		no	
9/18/2011	EP281	1		1				no	
9/17/2011	S2 Yard	3					3	no	
9/17/2011	EP362	1			1			no	
9/17/2011	Fromm CY	3				3		no	
9/16/2011	EP363	2			2			no	
9/16/2011	Fromm CY	1					1	no	
9/16/2011	EP304	2		2				no	
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	

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
9/14/2011	Plaster City Yard	1			1			no
9/14/2011	EP361	2			2			no
9/14/2011	Fromm CY	1				1		no
9/14/2011	EP308	1					1	no
9/14/2011	EP301	5		4	1			no
9/14/2011	EP292	3		3				no
9/13/2011	S2 Yard	10			10			no
9/13/2011	EP348	3		3				no
9/13/2011	EP345	2		2				no
9/13/2011	EP326	1					1	no
9/13/2011	EP325	2		2				no
9/13/2011	EP326	1		1				no
9/13/2011	EP304	7		7				no
9/13/2011	EP291	7		7				no
9/12/2011	S2 Yard	3			3			no
9/12/2011	EP350	1		1				no
9/12/2011	EP304	1		1				no
9/12/2011	EP301	1		1				no
9/11/2011	S2 Yard	2				2		no
9/10/2011	S2 Yard	2					2	no
9/9/2011	EP304	1			1			no
9/8/2011	S2 Yard	3					3	no
9/7/2011	S2 Yard	3					3	no
9/6/2011	No ravens observed							
9/5/2011	No ravens observed							
9/4/2011	No ravens observed							
9/3/2011	No ravens observed							
9/2/2011	EP348	1		1				no
9/2/2011	S2 Yard	1		1				no
9/2/2011	EP303	1		1				no
9/2/2011	EP363	2		2				1 at IV Sub
9/1/2011	EP303	2					2	no
9/1/2011	EP293	1					1	no
9/1/2011	EP304	2					2	no
8/31/2011	S2 Yard	1		1				no
8/31/2011	EP308	1		1				no
8/31/2011	EP305-3	2					2	no
8/31/2011	EP303	2		2				no
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

Date	Location	Number of Ravens observed	Raven Activity					FTHL observed
			Nesting	Flying	Perching	Roosting	Scavaging	
8/25/2011	EP301	2		2				no
8/24/2011	S2 Yard	3				3		no
8/23/2011	EP292-1	3		3				no
8/22/2011	No ravens observed							
8/21/2011	No ravens observed							
8/20/2011	S2 Yard	2				2		no
8/20/2011	EP312	2		2				no
8/20/2011	S2 Yard	2					2	no
8/20/2011	EP312	2		2				no
8/19/2011	EP307	2			2			no
8/19/2011	EP296	1		1				no
8/18/2011	S2 Yard	2				1	1	no
8/18/2011	EP301	Flock		x				no
8/17/2011	S2 Yard	2				1	1	no
8/17/2011	EP301	3			3			no
8/16/2011	S2 Yard	1					1	no
8/16/2011	EP301	1		1				no
8/15/2011	No ravens observed							
8/14/2011	No ravens observed							
8/13/2011	S2 Yard	2					2	no
8/12/2011	IV Substation	2				2		no
8/12/2011	S2 Yard	3				3	3	no
8/11/2011	EP294	4			4			no
8/11/2011	S2 Yard	3				3	3	no
8/10/2011	S2 Yard	3				2	1	no
8/9/2011	S2 Yard	not specified						no
8/8/2011	EP294	2			2			no
8/8/2011	S2 Yard	1						no
8/7/2011	No ravens observed							
8/6/2011	S2 Yard	1						no
8/5/2011	EP301	3		3				no
8/4/2011	S2 Yard	not specified						no
8/3/2011	S2 Yard	2		2				no
8/3/2011	S2 Yard	1						no
8/2/2011	S2 Yard	3					3	no
8/1/2011	EP314	not specified		x				no
7/31/2011	No ravens observed							
7/30/2011	EP314	3		2			1	no
7/30/2011	S2 Yard	1					1	no
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							

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