



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 CP71 to CP76, CP77 to CP87, CP95 to CP101, CP106 to CP109, EP1, EP2 to EP7, EP8 to EP12, EP13, EP14 to EP21, EP30 to EP32, EP33 to EP37, and EP103 to EP105.
- 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.
  - § Repaired, refreshed, replaced, and maintained the previously installed project signs and ESAs from CP15, CP15 pull site, CP18, CP19, CP20, CP23 pull site, CP24, CP25, CP26, CP28, CP29 access road, CP31 pull site, EP213 to EP214, and EP300.

### 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.
- 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:

<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			

Overhead Construction

- Link 1
  - § Miscellaneous tower work at EP265-2, EP273-1 to EP277-1, EP279-1 to EP281, EP310, and EP312.
  - § Splicing at EP226-1.
  - § Punchlist work at EP210, EP211, EP221-2, EP225-1, EP244, EP255-1, EP269-1 to EP281, EP290 to EP294, EP302-1 to EP305-3, and EP307-1 to EP312.
  - § QA/QC at EP146, EP149-1, EP151, EP152, EP191-2, EP196-2 to EP200-3, EP201-3, EP210, EP211, EP220-1, EP221-2, EP224-1, EP225-1, EP244, EP248-1, EP255-2, EP259B, EP267-2, EP269-1, EP270-2 to EP279-1, EP281, EP290 to EP294, EP301 to EP312, EP322-1, EP324, and EP328-1.
  - § BMP maintenance at EP170 pull site east, EP170 to EP179, EP186-1, EP187-2, EP190-2, EP192-2, EP192-2 pull site, EP196-2, EP202-3, EP204-3 pull site, EP205-2, EP210, EP214, EP215, EP217-1, EP218-1, EP220-1, EP223-1, EP239-1, EP240 to EP245-1, EP247, EP248-1, EP250 to EP255-2, EP290 to EP294, EP300-1, GS-BLM-1A, G-NF-31, and GS-NF-36.
  - § Hydromulching at EP211, EP215, and EP269-1 pull site.
  - § Pulling gecko fence at EP269 pull site.



Sunrise Powerlink Project  
Weekly Report 95 – July 8, 2012 through July 14, 2012



• Link 2

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

- § Final grade at EP9-1 pull site, EP12-3 pull sites, EP22-1 pull site, EP36-1, EP112-3-3-N to EP113-5-E.
- § Miscellaneous tower work at EP113-5.
- § QA/QC at EP2-3 and EP28-3.
- § Punchlist work at EP9-1, EP11-3, EP12-3, EP23-2, EP36-1, EP57-2, EP58-2, EP108-2 to EP116-1, EP121-3, EP128, EP139-1, EP142-1, and EP143-1.
- § Cleanup at EP2-3, EP28-3, EP108-2 to EP116-1, EP121-3, EP128, EP139-1, EP142-1, and EP143-1.
- § BMP maintenance at EP9-1 pull site, EP10-2, EP11-3, EP12-3 pull sites, EP22-1 to EP23-2 (including pull sites), EP108-2 to EP128, EP113-5 pull sites, and EP138-2 to EP141.
- § BMPs removed from EP22-1 pull site.
- § Restoration at EP22-1 pull site and EP113-4 pull sites.
- § Hydromulching at EP125 and EP131.

BLM Land

- § Final grading at EP39-1-E-A to EP39-1-N-B, EP39-1, EP42-N, EP42 pull site, EP75-2-N to EP75-2-E-A, EP96-N-A to EP99-2-N-B, EP103-2-N, and EP103A-N.
- § Miscellaneous tower work at EP43-1 and EP44.
- § Punchlist work at EP39-1 to EP41, EP47-2, EP53-3, EP63, and EP69.
- § BMP installation/maintenance at EP39-1 to EP41, EP47-2 to EP51-1 (including pull site), EP53-3, EP56-4, EP63, EP68 to EP74, EP101-2 to EP102A-1, and EP103A.
- § Restoration at EP47-2 pull site.
- § Hydromulching at EP94 to EP98-1.

Non-Federal Land

- § Access road maintenance at EP105-2-N to EP105-2-E-A.
- § Final grading at EP90-N to EP93-N.
- § Miscellaneous tower work at EP1-3.
- § QA/QC and cleanup at EP27-1.
- § Punchlist work at EP32-1, EP54-1, EP62A-1, EP64, EP66, and EP67.
- § BMP maintenance at EP1-3, EP26-1, EP27-1, EP30-2 pull site, EP32-1, EP32-1 pull site, EP35-1, EP52-1, EP54-1, EP54-1 pull site, EP62A-1, EP64 to EP67, EP67 pull sites, EP78, EP78/EP78A pull site, EP78A, EP80 to EP82, EP91 pull site, EP93, EP104-2 to EP107-3, and EP119-2.
- § Hydromulching at EP92 and EP93.

• Link 5

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

- § BMP maintenance at CP69, CP99, CP100-1, and CP101-1.

#### BLM Land

- § BMP maintenance at CP59.

#### Non-Federal Land

- § Miscellaneous tower work at CP18-1, CP21, CP22-1, CP24-1, CP26, CP28-1, CP37-2, CP49-1, CP50-1, and CP108.
- § QA/QC at CP49-1, CP55, CP62-2, CP75-1, CP79-1, CP80-2, and CP82-1.
- § Cleanup at CP57, CP70-3, CP87-1, CP88-1, CP87/CP88 pull site, CP95-1, CP96-1, CP95/CP96 pull site, CP98-1, GS-NF-9, and GS-NF-10.
- § BMP installation and maintenance at CP17-1, CP23, CP31-2, CP31-2 pull site west, CP37-2, CP43-1, CP43-1 pull site east, CP44-1, CP54-1, CP75-1 pull site north, GS-NF-1, and GS-NF-13.
- § Restoration at CP56-1-PS-E-B, CP56-1 pull site, and CP65-1-PS-E.
- § Hydromulching at CP31-2 pull sites and CP49-1-PS-N

#### Miramar

- § Final grade and restoration at CP6-1, CP7, CP10, and CP11-1.
- § Miscellaneous tower work at CP13-2 to CP15-1.
- § Cleanup at CP6, CP7, CP10, and CP11-1.
- § BMP installation and maintenance at CP3, CP3 pull site, and CP7 to CP12-1.

#### 69kV

- § Road grading at Location 10.
- § Temporary disconnects installed at Location 20.
- § Ground rod installation at Locations 7, 10, and 11.
- § Road grading occurred at Locations 7 and 11.
- § Cleanup at Location 7.
- § BMP maintenance from Locations 1 to 7 and 9 to 13.

#### Underground Construction (Link 4)

- PAR removing gravel bags from the Loritz property.
- Daley working on punchlist items on Alpine Blvd. and watering hydroseed.
- Pinnick crew pouring concrete for the low water crossing at the Loritz property.
- PAR working on site cleanup at the Loritz property.

#### Suncrest Substation Construction (Link 3)

- Work inside the control shelter.
- SDG&E working in both the 230kV and 500kV yards.
- Ongoing bird sweeps in and around the substation.
- NRG working in the Suncrest substation.
- Romero paving section of Bell Bluff Truck Trail from Japatul Valley Road going west and installing/backfilling curb on the north and south sides of the road.

#### Substation Upgrades

##### San Luis Rey:

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

##### Encina:

- No Sunrise-related work. Bird sweeps ongoing to identify and deter nest building.

Scripps:

- No Sunrise-related work.

Pomerado:

- No Sunrise-related work.

Sycamore:

- No Sunrise-related work. Bird sweeps ongoing to identify and deter nest building.

Construction Yards

- Sycamore Yard – No activity.
- Helix Yard – Drop off of BMP materials.
- El Monte Yard – No activity.
- Alpine Yard – Hub for equipment/materials staging, weed wash station, vegetation maintenance, and staging for road crews.
- Wilson Yard – No activity.
- SWAT Yard – Helicopter flights, weed wash station, water supply, and staging for BMP crews.
- Barrett Canyon Yard – No activity.
- Kreuzkamp Yard – Helicopter pick-ups.
- Bartlett Hauser Yard – Tailboard site for BMP and grading crews.
- Thing Valley Yard – Crews gathering materials.
- McCain Valley Yard – Removal of fence.
- Rough Acres Yard – Staging for steel and BMP crews and yard cleanup.
- Jacumba Valley Ranch (JVR) Yard – Helicopter flights, weed wash station, water supply, and staging for hydromulch crews.

NOTE: In addition, all active yards typically have miscellaneous activities throughout the day such as materials delivery and staging, equipment mobilization/demobilization, water supply and dust control, and porta-potty maintenance.

**Wildlife Reporting**

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

- Red Diamond Rattlesnake (*Crotalus ruber ruber*) – One (1) red diamond rattlesnake was found dead on access road between Barrett Canyon Substation and EP39.

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

- Western Spadefoot Toad (*Spea hammondi*) – One (1) western spadefoot toad was relocated from EP9 pull site.

**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 new variations and TEWS were approved during this reporting period.

### **Weather**

- Rain events occurred July 13, 2012, to July 14, 2012.
  - Post storm totals for July 14, 2012.
    - § EP290 to EP363 – 1.50 inches
- 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 07/14/2012									
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			
10/14/2011	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			
8/1/2011	AR to EP345					1			
7/30/2011	EP323					1			



Flat Tailed Horned Lizard Counts - Week Ending 07/14/2012									
Date	Location	Observed		Injured		Relocated		Dead	
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>41</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	
6/30/2011	EP360							1	
6/27/2011	EP350					1			

Flat Tailed Horned Lizard Counts - Week Ending 07/14/2012					
Date	Location	Observed	Injured	Relocated	Dead
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	
5/18/2011	IV Substation Yard				1

Flat Tailed Horned Lizard Counts - Week Ending 07/14/2012					
Date	Location	Observed	Injured	Relocated	Dead
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>100</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 07/14/2012**

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					

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

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

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

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