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Genesis Solar Energy Project Eastern Riverside County, California

Genesis Solar, LLC

Monthly Compliance Report #33 July 2013

**(COC COMPLIANCE-6)
09-AFC-8**

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Miscellaneous Documents (Water Usage Log, Submittals, and Correspondence)

The Genesis Solar Energy Project received authorization to construct from the California Energy Commission (CEC) on September 29, 2010 and the US Bureau of Land Management (BLM) on November 4, 2010. In accordance with the California Energy Commission's (CEC) Condition of Certification (COC) number COMPLIANCE-6, please see the following report that summarizes compliance with CEC and BLM's requirements for pre-construction and construction activities for the month of July, 2013.

During the month of July, 2013, Project activities included:

- Continued New Employee site specific Safety Training and Worker's Environmental Awareness Training.
- Hydro testing in Unit #2 was completed.
- Insulation and heat tracing commenced in Common Area and continued in Power Block #2.
- Insulation of HTF piping continues through unit 2.
- Installation of HCE tubes continues in Unit 1.
- Installation of the Met Towers commenced.
- Unit 1 Fire Protection Installation commenced . The overflow tank sprinkler piping is began installation along with conduit and supports.
- Gas Tank initial test commenced with no issues.

All questions or concerns regarding the contents of this report should be directed to Jennifer Gavaldon at: 951-634-2395 or email Jennifer.Gavaldon@nexteraenergy.com

Completed Compliance Activities. During the reporting period, the following documents were submitted to the CEC CPM for review and approval.

Date	To	Condition	Subject
7/15/13	CEC	COM-06	June MCR
7/1/13	CEC	AQ-41	Engine Specification Rating
7/25/13	CEC	WASTE-9	Operations Waste Management Plan

Required Documents Submitted With This Report. The Final Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in the project's MCR. The following paragraphs describe the compliance activities that were completed during the reporting period:

Air Quality issues: In accordance with Condition of Certification AQ-SC1 an authorized Air Quality Construction Mitigation Manager (AQCMM) has been assigned to this project. As per AQ-SC2 an Air Quality Construction Mitigation Plan (AQCMP) has been submitted and approved by the California Energy Commission (CEC).

AQ-SC1: Air Quality Construction Mitigation Manager

Requirement: AQ-SC1 (AQCMM): As required by the Condition of Certification, the Air Quality Construction Mitigation Manager is responsible for directing and documenting compliance with the construction-related air quality conditions of certification at the project site and linear facilities. Additional monitors will be assigned as needed to cover times when there are multiple tasks occurring simultaneously that require oversight, extended hours of construction, or when the AQCMM is unavailable.

No new applications were submitted in July 2013.

AQ-SC3: Construction Fugitive Dust Control; AQCMM Monthly Reporting

Requirement: Minimal fugitive dust was generated by construction activities due to the effectiveness of the best management practices (BMPs) dust control measures and cool weather conditions. Water trucks were used as necessary to effectively mitigate fugitive dust during the construction activities.

A copy of the water log is included in Appendix G.

Under the direction of the AQCMM and as per the AQCMP the following measures have been taken to maintain compliance:

- All workers have been instructed in fugitive dust prevention as part of their Workers Environmental Awareness Program training.
- Fugitive dust control mitigation measures continue to be a topic at contractor tailboard meetings once a week or more, depending upon weather conditions. During the month of July, no wind activity affected production or cause a slowdown of work.

- No vehicle shall exceed 10 mile per hour on unpaved areas within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads as long as such speeds do not create visible dust emissions.
- Speed limit signs are posted at the lay-down areas and along the access roads for the full length of the project. Dusk and dawn speed limit signs annotating the 25 mph limit continue to be a discussion with contractors to remind them of the reduction in speed during the dusk and dawn hours. 45 mph is posted during the day from 5:45 AM to 7:30 PM and 25 mph posted for the night hours.
- As per AQ-SC3 all soil piles have been treated with water and/or tackifier to reduce dust plumes during windy conditions.
- All roads have had water applied to them regularly to reduce dust plumes from moving vehicles.
- Areas where dirt roads intersect asphalt roads have had a 20' X 50' rock pad installed to reduce tracking onto the road.
- A track out, on the entrance to the public road, has been installed to reduce any track out.
- All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.
- No diesel equipment has been allowed to idle in excess of 5 minutes.

AQ-SC4: Dust Plume Response Requirement

Requirement: Submit information on dust plume observations, response, and list of equipment onsite.

As per AQ-SC4 a policy of fugitive dust monitoring has been put into place. All slowdowns or work stoppages due to air quality concerns are recorded below, along with response taken to ameliorate Air Quality concerns.

No work stoppages or delays, due to wind, occurred during the month of July.

AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting

Requirement: The AQCMMD conducted an audit of all equipment on site to ensure California Air Resources Board compliance tags were properly affixed and fire extinguishers were onboard. Any deficiencies found were corrected. All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition. A list of heavy equipment present on site during the month of July, are provided in Appendix A. The equipment complies with the California Tier III standards for equipment above 50 hp.

See Appendix A

BIO-2: Designated Biologist

Requirement: Provide copies of all written reports and summaries that document biological resources compliance activities.

See Appendix B.

BIO-4: Biological Monitors

Requirement: Submit copies of all written reports and summaries that document biological resources compliance activities, including those conducted by Biological Monitors.

See Appendix B.

**BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan
And****BIO-8: Impact Avoidance and Minimization Measures**

Requirement: Submit compliance documentation for implementation of BRMIMP measures.

See Appendix B

BIO-9: Desert Tortoise Clearance Surveys and Fencing

Requirement: Submit compliance documentation for all survey and fencing activity.

See Appendix B

BIO-11: Desert Tortoise Compliance Verification

Requirement: Submit results of Monthly Compliance Inspections to CPM, BLM, USFWS, and CDFG.

See Appendix B.

BIO-13: Monthly Raven Observation

The monthly raven observations recorded in July are included in the DB's Monthly Report. Raven count is performed on a monthly basis.

Included in Appendix B

BIO-15: Pre-Construction Nest Surveys and Avoidance Measures

See Appendix B.

BIO-17: Kit Fox Impact Avoidance, Minimization, and Compensation Measures

Desert Kit Fox den monitoring will be performed by the DB and the BM.

See Appendix B

BIO-18: Burrowing Owl Impact Avoidance, Minimization, and Compensation Measures

Requirement: Submit burrowing owl mitigation compliance documentation.

See Appendix B.

BIO-19: Special-Status Plant Impact Avoidance, Minimization and Compensation

Requirement: Submit compliance documentation of special-status plant avoidance and minimization measures.

See Appendix B

BIO-22: Mitigation for Impacts to State Waters

Requirement: Submit status of work in Waters of the State.

No rain events have resulted in flow of any channel during the month of July. Erosion control devices (silt fence, straw waddles, etc) are stock piled on site and will be installed as needed

BIO-6, CUL-7, and PAL-4: Worker Environmental Awareness Program (WEAP)

Requirement: Submit the past Month of training records.

During July, the total number of personnel who received the Construction Worker Environmental Awareness Training was 159. The number of personnel who have received the training to date is 3953. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Appendix C.

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

No NCR's issued in the month of July.

Requirement: Submit a summary report of construction-related monitoring and any new DPR 523A forms.

All other ground disturbing activities on site were observed by our resident Cultural Resources Monitor and Native American Monitors.

CUL-13: Flag and Avoid

Requirement: Submit compliance documentation regarding flagging inspections.

Placement of steel plates covering the Exclusion zones associated with cultural resource locations occurred on June 27, 2013. The zones have been re-flagged as necessary and are inspected regularly for integrity.

SOIL&WATER-1: Drainage Erosion and Sedimentation Control Plan

Requirement: Submit documentation regarding compliance with DESCP.

Repair and completion of all channels continue.

TRANS-2: Vehicle Weight Limits

Requirement: Report permits received from Caltrans and/or County for overweight or oversized vehicles and any other necessary transportation permits.

No Permits were received for the month of July.

See Appendix G

TRANS-3: Public ROW Encroachment

Requirement: Report encroachment permits received from Caltrans and/or County.

On March 25, 2013 GSEP received an Encroachment Permit from the California Department of Transportation.

TRANS-4: Hazmat Transport Permits/Licenses

Requirement: Report hazardous material transport permits received.

HTF arrived onsite beginning May 13, 2013. Hazmat Transport Permits were submitted in the May MCR. No other permits received in the month of July

WASTE-6: Hazardous Waste Generator Identification Number

Requirement: Submit identification number following receipt or a new number or modification of an existing number.

GSEP EPA ID was received in MAY 2012 and submitted in the MAY 2012 MCR.

WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment

Requirement: Submit compliance documentation and inspection approvals.

There were 2 first aids and 1 recordable injury in the month of July.

The details are included in the Safety Summary which can be found under Appendix F

Weekly bulletins are enclosed in Appendix F.

GEN-2: PRS Facility Design Submittals to CBO and CPM

Requirement: Include updated schedule of facility design submittals, and master drawing and master specifications.

The approved and reviewed drawings, designs and specifications are attached in Appendix D

GEN-3: CBO Payments

Requirement: Submit a copy of the CBO receipt of payment to the CPM indicating that applicable fees have been paid.

1 payment in the amount of \$231,364.41 was submitted during the month of July.

GEN-6: Special Inspector(s) - Staff Assignment

Requirement: Submit a copy of CBO approval of the qualifications of all special inspectors.

No Special Inspectors were submitted/approved during the month of July.

See Appendix D

GEN-7: Facility Design Discrepancy Documentation

Requirement: Submit a copy of CBO approval of any corrective action taken to resolve a discrepancy.

No discrepancies reported for the Month of July.

GEN-8: As-builts, CBO Notification of Completion and Compliance

Requirement: Submit a copy of statement of work completed.

See Appendix D

CIVIL-1: CBO Submittals- Drainage and Grading, Statement of Submittal

Requirement: Submit a copy of CBO approval.

See Appendix D

CIVIL-3: CBO Inspection of 2007 CBC Compliance

Requirement: Submit list of non-conformance reports (NCR).

None received in the month of July.

See Appendix D

CIVIL-4: Final Grading Plans - CBO Submittal

Requirement: Submit a copy of CBO approval of grading plans.

See Appendix D

STRUC- 1: CBO Submittals - Major Structure or Facility Design Component, Statement of Submittal

Requirement: Submit a copy of a statement from CBO that structural plans, specifications, and calculations have been approved and comply with engineering LORS.

See Appendix D

STRUC-3: CBO Submittal - Design Changes, Revised Drawings, Specifications, Calculations

Requirement: Submit notification that the CBO has approved the revised plans.

See Appendix D

STRUC-4: 2007 CBC Compliance for Toxic or Hazardous Materials

Requirement: Submit copies of the CBO approvals of plan checks.

See Appendix D

MECH-1: CBO Submittal - Plan Piping and Plumbing System, Final Design Specifications and Calculations

Requirement: Submit a copy of transmittal letter to CBO.

See Appendix D

MECH-2: CBO and Cal-OSHA Submittal - Pressure Vessel

Requirement: Submit a copy of CBO inspection approvals.

See Appendix D

ELEC-1: CBO Submittal - Electrical Equipment and Systems

Requirement: Submit:

1. Receipt or delay of major electrical equipment;
2. Testing or energization of major electrical equipment; and
3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission decision.

See Appendix D

PAL-5: PRS Monitoring and Stop Work Authority

Requirement: Submit a summary of paleontological monitoring activities and finds.

See Appendix E.

TSE-1: CBO and CPM Submittal - Schedule of Design Submittals

Requirement: Submit schedule updates.

See Appendix D

TSE-4: CBO Submittal – Power Plant Switchyard, Outlet Line and Termination Design Plans

Requirement: Submit a copy of the transmittal letter of final design plans.

See Appendix D

Requirement: Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.

See Appendix D

COMPLIANCE-5 - Compliance Matrix

Requirement: Submit a compliance matrix along with each monthly report.

The Compliance Matrix is enclosed

COMPLIANCE-6 – Monthly Compliance Report

Requirement: Provide: a listing of any filings submitted to, or permits issued by, other governmental agencies during the month.

No filings during the month of July.

See Appendix G

COMPLIANCE-13 – Post Certification Amendments

No Amendments submitted/approved for the month of July.

Compliance Matrix

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
1	CEC	x			AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	Assign Air Quality Construction Mitigation Manager	ECM	> 30d pt gd		12/17/10	11/16/2010 1/13/11	Approved 12/2/2010
2	CEC		x		AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	AQCOMM remain onsite to monitor construction activities	ECM	Ongoing				
3	CEC	x			AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	Prepare Air Quality Construction Mitigation Plan (AQCMP)	ECM	> 30d pt gd		12/17/10	23-Nov-10	Approved 12/2/2010
13	CEC		x		AQ-SC7	Dust Control Plan - Construction	Submit Operations Dust Control Plan.	Operations	> 30d pt operation		10/01/13		CEC Approved 110110
17	CEC	x	x	x	AQ-SC8	Air permit submittals	Submit copies of District issued Authority to Construct & Permit to Operate Documents.	Fluor	< 5d from date of submittal or receipt			12-Dec-10	Approved 1/17/11
33	CEC		x		AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit a monitoring and change-out plan for the system.	McCord	pt initial start up		08/01/12		CEC Approval
55	CEC		x		AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit manufacturer guarantee data for the drift eliminator.	McCord	> 30d pt cooling tower operation		03/01/14		DELETED Per Eric Veerkamp
57	CEC		x		AQ-22	Water Testing Protocol - Cooling Tower	Submit a test and emissions calculation protocol.	McCord	> 30d pt testing				DELETED Per Eric Veerkamp
101	CEC	x			BIO-1	Designated Biologist - staff assignment	Assign Designated Biologist	AECOM	> 30d pt gd		12/17/10	9/27/2010 2/18/11	Approved /German
104	CEC	x	x		BIO-2	Designated Biologist - responsibilities	Des Bio Pre-con: Consult on the preparation of the BRMIMP; Oversee survey efforts for sensitive bio resources; Mark sensitive biological resource areas and inspect regularly;	AECOM			n/a	n/a	n/a
106	CEC	x			BIO-3	Biological Monitors - Staff assignment	Assign Bio Monitors and submit training verification	AECOM	> 30d pt gd		12/17/10	10-Dec-10	Approved (various dates)
109	CEC		x		BIO-4	Biological Monitors - responsibilities	Assist with surveys and in monitoring of site mobilization activities.	Guigliano	pt construction		Ongoing		
113	CEC	x			BIO-6	Worker Environmental Awareness Program (WEAP)	Prepare and Submit WEAP (including trainer resume)	AECOM/Thomas	> 30d pt gd		12/17/10	3-Dec-10	Comments received 12/08/10
117	CEC	x			BIO-6	Worker Environmental Awareness Program (WEAP)	Submit Final WEAP.	Tetra Tech	> 10d pt gd		01/06/11	1/4/2011 1/14/11	Approved 1/14/11
120	CEC	x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit Draft BRMIMP	Tetra Tech	> 30d pt site mobilization		12/17/10	23-Nov-10	comments received 12/21/10
126	CEC	x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit final BRMIMP.	Tetra Tech	> 7d pt gd		01/09/11	1/5/2011 1/11/11	Approved 1/12/11
128		x	x		BIO-8	Impact Avoidance and Minimization Measures	If an active bird nest is detected, submit Nesting Bird Monitoring and Management Plan	Tetra Tech	< 7d pt noisy construction in nesting habitat		01/10/11	1/25/2011 2/25/11	3/14/2011
128	CEC		x		BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE II	Fluor	pt construction		04/25/11	completed	completed
128	CEC	x			BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE I	Fluor	pt construction		01/10/11	completed	completed
135	CEC	x			BIO-8	Impact Avoidance and Minimization Measures	Designated Biologist must monitor ground disturbing activities prior to pre-construction site mobilization.	Tetra Tech / Fluor	pt site mobilization		01/16/11	completed	
136	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Flag and survey the alignments for the permanent perimeter fence and utility rights-of-way fencing <24hrs PT fence construction.	German	< 24hrs pt fence construction				
137	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. Ph I	Tetra Tech	< 30d after survey complete		02/17/11	2/25/2011 3/28/11	Comments received 3/14/11
137	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. P II	Tetra Tech	< 30d after survey complete		05/15/11		
140	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	If tortoises were relocated during fence installation, inspect fences at least two times a day for the first 7 days.	Tetra Tech	Monthly		Monthly		N/A
141	CEC	x			BIO-9	Desert Tortoise Clearance Surveys and Fencing	Install exclusion (supervised by Des. Bio or Monitors) fencing PT site clearing and grubbing.	Fluor	pt clearing and grading		01/18/11	completed	CEC approval 4/15/11
143	CEC	x			BIO-10	Desert Tortoise Translocation Plan	Submit final version of Desert Tortoise Translocation Plan.	Tetra Tech	< 30d pt site mobilization		12/17/10	11/29/10, resubmitted 12/28/10 resub 1/7/11 1/10/11 2/8/11	Approved 1/10/11
150	CEC	x			BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph I	Tetra Tech	> 14d pt gd		01/02/11	3-Jan-11	NA
150	CEC	x			BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph II	Tetra Tech	> 14d pt gd		04/17/11		
151	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit PAR analysis for compensation lands.	AECOM	< 60d after CPM approval				N/A per Wildlands
152	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit an Acquisition Proposal compensation lands.	Tetra Tech	< 12m after start of construction		01/12/12		
153	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Fund activities for Des Tort compensation. Submit verification of funding to CPM.	NextEra	< 60d CPM determining requirements				
153	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Complete initial protection and improvement activities of mitigation lands. Submit verification to CPM.	Tetra Tech	< 6m CPM determining requirements				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
154	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	If delegated to third party, complete acquisition within 18 months of gd activities.	NextEra	< 18m after start of gd		07/09/12		
156	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	If mitigation is not completed 30d pt gd, post security for funding.	NextEra	> 30d pt gd		04/01/11		
157	CEC	x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement.	Tetra Tech	> 30d pt gd		12/17/10	3-Jan-10	NA
157	CEC	x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement. Phase II	Tetra Tech	> 30d pt gd		04/02/11		
158	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Preliminary Title Report, initial hazardous materials survey report, biological analysis for compensation land.	Tetra Tech					Wildlands Approved 10/11/11
159	CEC	x	x		BIO-12	Desert Tortoise Compensatory Mitigation	Fund <u>long-term maintenance and management</u> activities of the compensation lands. Submit verification of funding.	NextEra	< 30d after CPM approval				Wildlands Approved 10/11/11
160	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Acquire and transfer fee title to the compensation lands, a conservation easement over the lands, or both.	Fluor			11/01/11	Complete	Complete
161	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).	Fluor			11/01/11	Complete	Complete
162	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Management Plan for Compensation Lands.	Fluor	< 180d after acquisition		11/01/11	Complete	Complete
164	CEC	x			BIO-13	Raven Management Plan	Submit final Raven Management Plan.	Tetra Tech	> 30d pt construction		12/17/10	12/3/2010 1/4/11 1/8/11 1/10/11 2/8/11 2/15/11	Approved 3/2/11
165	CEC	x			BIO-13	Raven Management Plan	Post payment to the REAT Account for Regional Raven Management Program. Submit documentation of payment..	NextEra	< 10d pt Project-related gd		01/07/11	23-Dec-10	CEC Approval 10/11/11
169	CEC	x			BIO-14	Weed Management Plan	Submit final Weed Management Plan.	Alice Karl	> 10d pt Project-related gd		01/06/11	8/25/2010 resubmitted 1/5/11 1/11/11	Approved 1/10/11
171	CEC		x	x	BIO-14	Weed Management Plan	Implement the Weed Management Plan.	Alice Karl	Ongoing				
174	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge.	Thomas Darden	until fledged		After Feb 1	24-Feb-11	Complete
174	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge. PLANT SITE, PHASE II	Thomas Darden	until fledged		After Feb 1	24-Feb-11	Complete
175	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Conduct two pre-construction nest surveys. If construction is inactive for > 3 weeks, additional surveys may be required.	Thomas Darden	< 7d pt construction		02/01/11	24-Feb-11	Complete
176	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit letter report of nest survey results.	Thomas Darden	pt gd		04/22/11	24-Feb-11	Complete
177	CEC		x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Avoid construction in buffer zones established for active bird nests as determined and flagged by Des Bio.	Thomas Darden	until fledged		04/22/11	24-Feb-11	Complete
179	CEC	x			BIO-16	Avian Protection Plan.	Submit a final Avian Protection Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	12/6/2010 1/4/11	Approved 1/12/11
180	CEC		x	x	BIO-16	Avian Protection Plan.	Implement an Avian Protection Plan	Tetra Tech / Operations	Ongoing			Submitted Jan 2011.	Submitted Jan 2011.
185	CEC		x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Submit a report of badger and kit fox survey results. Ph I	Nextera Energy	< 30d after survey complete		02/17/11	2/25/2011 3/28/11	CEC approval 4/15/11
185	CEC		x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Submit a report of badger and kit fox survey results. Ph II	Nextera Energy	< 30d after survey complete		05/15/11		CEC approval 4/15/11
186	CEC		x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Perform pre-construction surveys for badger and kit fox dens. Ph II	Thomas Darden	pt construction		03/15/11	Ongoing	
187	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Notify agencies that a relocation of owls is necessary.	Thomas Darden	> 10d after survey complete		04/15/11		N/A
190	CEC		x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Provide a land management plan.	Tetra Tech	< 90d after acquisition				N/A
191	CEC		x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit verification to agencies that compensation land or easements have been acquired.	Tetra Tech	< 18m after start of construction		07/09/12		Approved Wildlands 10/11/11
193	CEC		x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Submit acquisition proposal and a PAR analysis.	AECOM	> 90d pt acquisition				N/A per Approved Wildlands/REAT 10/11/11

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
194	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph I	Tetra Tech	< 30d pt construction		01/16/11	Completed	Approved report 3/14/11
194	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph II	Tetra Tech	< 30d pt construction		04/01/11		Approved report 3/14/11
195	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase II	Tetra Tech	> 10d pt construction-related gd		04/22/11		Approved Wildlands 10/11/11
195	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase I	Tetra Tech	> 10d pt construction-related gd		01/06/11	NA	N/A
196	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Provide land/mitigation compensation security verification.	Tetra Tech	> 30d pt construction-related gd		12/17/10	23-Dec-10	Approved Wildlands 10/11/11
200	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a Distribution Study is implemented as contingency mitigation, complete implementation within 2yrs of start of construction.	Tetra Tech	< 24m after start of construction		01/05/13		N/A- Distribution Study not implemented
198	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Submit Burrowing Owl Relocation and Mitigation Plan.	Tetra Tech	< 30d after survey complete		12/17/10	11/26/2010 resubmitted 1/7/11	Approved 1/11/11
199	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit drawings and plans with ESAs and Section A Measures.	Tetra Tech	> 30d pt gd		12/17/10	3-Jan-11	Approved 1/12/11
200	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a Distribution Study is implemented as contingency mitigation, initiate study within 6 months from the start of construction.	Tetra Tech	< 6m after start of construction		07/15/11		N/A- Distribution Study not implemented
201	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If compensatory mitigation is required, post Security for acquisition and enhancement funds.	NextEra	> 30d pt gd		12/17/10	NA	NA
202	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Rare Plant Surveys - Submit data, field forms and summary of results.	Tetra Tech	< 2w after survey complete			22-Oct-10	Approved 11/2/2010
205	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit the Final Summer-Fall Botanical Survey Report.	Tetra Tech	> 30d pt gd		12/17/10	N/A	NA
206	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: If proposed, secure approval of a Habitat Enhancement/Restoration Plan.	Tetra Tech	< 6m after start of construction		07/15/11		N/A No proposed Habitat Enhancement
207	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit draft Special-Status Plant Mitigation Plan.	Tetra Tech	> 30d pt gd		12/17/10	N/A	NA
209	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Deposit the required funds and submit verification of deposit.	NextEra	> 30d after acquisition				Wildlands Approved 10/11/11
210	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Status and Distribution</u> : Post funds for selected mitigation.	NextEra	< 18m after start of gd		07/09/12		Wildlands Approved 10/11/11
211	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Submit a formal acquisition proposal and draft Management Plan.	Tetra Tech	> 90d pt acquisition				Wildlands Approved 10/11/11
213	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Compensatory Mitigation: Complete acquisition and submit verification.	Tetra Tech	< 18 m after start of gd		07/09/12		N/A per CEC on 11/02/10
214	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: initiate activities > 12m from the start of construction.	Tetra Tech	< 12m after start of construction		01/12/12		N/A No proposed Habitat Enhancement
216	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If selected, submit draft and final study within 24m and 30m after gd, respectively.	Tetra Tech	< 24m after start of gd		01/05/13		N/A per CEC on 11/02/10
215	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Submit any agreements with an approved, delegated third party.	Tetra Tech	> 90d pt acquisition				N/A per CEC on 11/02/10
216	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If selected, initiate study <6m after gd.	Tetra Tech	< 180d after gd		07/15/11		N/A per CEC on 11/02/10
219	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Assign a Designated Botanist.	Tetra Tech	none		none	9/27/2010 2/8/11	Approved 10/15/10
220	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).	Tetra Tech			12/17/10	12/3/2010 resubmitted 1/4/11	Approved 1/14/11
222	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Establish and mark boundaries for ESAs PT start of any ground- or vegetation-disturbing activities.	Tetra Tech	pt gd		01/16/11	completed	NA
230	CEC	x			BIO-19-B	Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation	If a special-status plant is found, record extent of population using GPS. Assess the extent of the species (qualitatively) within one mile of Project boundaries.	Karl, Darden	pt construction		01/16/11	NA	NA

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231	CEC	x			BIO-19-B	Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation	Prior to the start of surveys, all crew members must visit reference sites (where available)	Tetra Tech	pt plant survey			completed	
232	CEC	x			BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Collect seeds from affected Special-Status Plants and arrange for long-term storage prior to construction.	Tetra Tech	pt construction		01/16/11	NA	NA
235	CEC	x			BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Special-status plants: CNDDDB Rank plants -If detected within the Project Disturbance Area, prepare and implement a Mitigation Plan.	Tetra Tech	n/a		n/a	NA	NA
236	CEC	x			BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Post security for acquisitions and enhancement of MFTL habitat.	NextEra	> 30d pt construction-related gd		12/17/10	23-Dec-10	1/4/2011
237	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit a MFTL Compensation Land Management Plan and associated funding.	Tetra Tech	< 180d after acquisition				Wildlands Approval 11/10/11
239	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit a formal acquisition proposal and PAR analysis.	AECOM	> 90d pt acquisition				N/A per CEC on 11/02/10
240	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Complete MFTL compensation land acquisition and submit verification.	Tetra Tech	< 18m after start of construction		07/09/12		Wildlands Approval 11/10/11
242	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Provide funding for MFTL compensation lands OR deposit funds into NFWF's REAT Account.	NextEra					Wildlands Approval 11/10/11
250	CEC		x		BIO-21	Evaporation Pond Netting and Monitoring	Install a visual deterrent in addition to the mesh cover.	McCord					CEC Approval on 3/18/13
254	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Submit a draft Management Plan for the drainages on the acquired compensation lands.	Tetra Tech / Fluor	< 180d after acquisition				Wildlands Approved 11/10/11
257	CEC	x			BIO-22	Mitigation for Impacts to State Waters	Notify agencies prior to disturbance and completion of work in jurisdictional waters.	Tetra Tech / Fluor	> 5d pt construction-related gd in state waters		01/10/11	3-Jan-11	NA
260	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Transfer fee title or submit a conservation easement for compensation lands.	Genesis ECM					
261	CEC	x			BIO-22	Mitigation for Impacts to State Waters	Provide verification of Security 30d pt CR gd.	NextEra	> 30d pt construction-related gd		12/17/10	23-Dec-10	1/4/2011
262	CEC		x	x	BIO-22	Mitigation for Impacts to State Waters	Drainage BMPs: Minimize road building, construction activities and vegetation clearing within ephemeral drainages to the extent feasible. Do not allow water containing mud, silt, or other pollutants from grading, aggregate washing, or other activities to enter ephemeral drainages or be placed in locations that may be subjected to high storm flows. Comply with all litter and pollution laws. Locate spoil sites at least 30 feet from the boundaries and drainages or in locations that may be subjected to high storm flows, where spoils might be washed back into drainages. Prevent hazMat from contaminating the soil and/or entering waters of the state. Do not place any material of any kind (including soil) into or capable of going into waters of the state. Remove excess material after operations is complete. Do not perform equipment maintenance within 150ft of a drainage.	Genesis Project management/ECM	Ongoing				Wildlands Approved 11/10/11
263	CEC	x			BIO-22	Mitigation for Impacts to State Waters	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that BMPs shall be implemented.	ECM	> 30d pt construction-related gd in state waters		01/11/11	23-Nov-10	NA
265	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Submit verification of acquisition.	McCord	< 18m after start of construction		07/09/12		
270	CEC	x			BIO-23	Decommissioning and Closure Plan	Post security for Decommissioning and Closure Plan.	NextEra	> 10d pt construction-related gd		01/06/11	4-Jan-11	Approved 1/11/11
273	CEC	x			BIO-23	Decommissioning and Closure Plan	Submit a draft Decommissioning and Closure Plan.	Worley Parsons	> 30d pt construction-related gd		12/17/10	25-Aug-10	Approved 10/15/2010
276	CEC	x			BIO-24	Revegetation of Temporarily Disturbed Areas	Submit to the CPM a final agency-approved Revegetation Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	8/25/2010 resubmitted 12/29/10	Approved 1/12/11
281	CEC		x		BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	If ponds are created, provide as-built drawings and photos.	Tetra Tech	> 90d pt operation		08/02/13	n/a	N/A
280	CEC			x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Conduct Spadefoot Toad surveys. Submit findings	Alice Karl	Oct-10		10/30/10	25-Oct-10	N/A
280	CEC			x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	If ponds are created, submit compliance documentation yearly.	Tetra Tech	Jan-31 Annually			n/a	N/A
282	CEC	x			BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Submit a final CST Protection and Mitigation Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	11/20/2010 resubmitted 1/5/11 1/10/11	Approved 1/11/11
287	CEC		x		BIO-28	Golden Eagle Inventory and Monitoring	Submit results of eagle inventory.	Tetra Tech	< 30d of survey completion		06/30/11		
288	CEC	x			BIO-29	in-Lieu Mitigation Option	Notify CEC if an in-lieu fee is preferred for bio mitigation.	NextEra	pt construction-related gd		01/16/11	23-Dec-10	NA

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289	CEC	x			CUL-1	prehistoric Trails Network Cultural Landscape (PTNCL) Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	NextEra	< 10d of transfer			27-Sep-10	Approved 10/15/10
290	CEC	x			CUL-1	PTNCL Documentation and Poss. NRHP Nomination	Contribute funds for the PTNCL Documentation and Possible NRHP Nomination program.	NextEra	upon receipt of invoice			27-Sep-10	Approved 10/15/10
291	CEC	x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	NextEra	< 10d of transfer			27-Sep-10	Approved 10/15/10
292	CEC	x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCL)	NextEra	upon receipt of invoice			27-Sep-10	Approved 10/15/10
293	CEC	x			CUL-3	Cultural Resources Personnel	Assign a cultural resource specialist (CRS).	AECom	pt site mobilization		01/16/11	26-Aug-10	Approved 10/18/10
295	CEC	x			CUL-3	Cultural Resources Personnel	Obtain services of a specialist backhoe operator during excavation of CA-Riv-9072	AECom	NA		NA	5-Apr-12	
297	CEC	x			CUL-3	Cultural Resources Personnel	Submit resumes for a CRS, alternate CRS (optional), prehistoric archaeologist, ethnographer, historical archaeologist, project geoarchaeologist.	AECom	> 75d pt gd		11/02/10	26-Aug-10	CRS, Approved 10/18/10 Alt CRS (addl info submitted 10/29) PPA, Approved 10/18/10 PHA, Approved 10/18/10 GE (addl info submitted 10/29)
299	CEC	x	x		CUL-3	Cultural Resources Personnel	Submit confirmation of CR staff availability for CUL-8, 10, 11, 12 and 17.	AECom	10d pt data recovery		01/07/11	Completed with resume submittal	NA
301	CEC	x			CUL-3	Cultural Resources Personnel	Submit letter with names and quals of CR Monitors.	AECom	15d pt data recovery		01/02/11	10-Dec-10	Approved 1/13/11
301	CEC	x			CUL-3	Cultural Resources Personnel	Submit letter with names and quals of field crew members.	AECom	15d pt data recovery		01/02/11	NA	N/A
303	CEC	x	x		CUL-4	Project Documents for Cultural Resources Personnel	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM.	Jessica Auch	15d pt start of each phase		01/01/11	Completed with CIVIL-1	N/A
303	CEC	x	x		CUL-4	Project Documents for Cultural Resources Personnel	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM. Phase II	Jessica Auch	15d pt start of each phase		04/16/11		N/A
304	CEC	x			CUL-4	Project Documents for Cultural Resources Personnel	Submit CR data and maps to CR staff and CPM.	Jessica Auch	> 60d pt gd		11/17/10	1-Dec-10	Pending - addl info requested
305	CEC	x	x		CUL-4	Project Documents for Cultural Resources Personnel	Submit any changes in footprint.	Jessica Auch	15d pt gd		01/01/11	1/4/2011 3/18/11	Approved 3/30/11
307	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit information from curation facility.	Jessica Auch	> 30d pt gd		12/17/10	12-Nov-10	NA
308	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit letter agreement to fund curation fees.	Jessica Auch	> 20d pt gd		12/27/10	10-Dec-10	NA
309	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit the CRMMP.	Jessica Auch	> 30d pt gd		03/01/11	3/1/2011 4/4/11	
313	CEC	x			CUL-7	Worker Environmental Awareness Program	CRS to submit training program.	Jessica Auch	> 30d pt gd		12/17/10	12/10/2010 resubmitted on 1/4/11	comments received 2/28/11
314	CEC	x			CUL-7	Worker Environmental Awareness Program	CRS to submit WEAP training acknowledgement form.	AECOM	> 15d pt gd		01/01/11		
317	CEC		x		CUL-8	Construction Monitoring Program	Geoarchaeologist to observe and sample all trenching of Tline as part of PTCNL documentation and possible NRHP nomination program (CUL-1).	AECOM	1-Aug-11				N/A per a memo from the CEC on 2/19/13.
326	CEC	x			CUL-8	Construction Monitoring Program	CPM to provide CRS with daily monitoring form.	AECOM	> 30d pt gd		12/17/10	26-Nov-10	NA
329	CEC	x			CUL-9	Authority to Halt Construction; Treatment of Discoveries	Submit confirmation that CRS and CR staff have stop-work authority and notification requirements.	Jessica Auch	> 30d pt gd		12/17/10	10-Dec-10	NA
332	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.	Jessica Auch	> 15d pt data recovery		01/01/11	21-Dec-10	NA
332	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.Phase II	Jessica Auch	> 15d pt data recovery		03/10/11	9-Mar-11	3/28/2011
338	CEC	x			CUL-11	Data Recovery for Large sites	Notify CPM of recovery at large sites.	AECOM	> 45d pt gd at site		12/02/10	21-Dec-10	NA
340	CEC		x		CUL-12	Surface Collection with Sampling for site CA-RIV-9073	Notify CMP of collection at CA-Riv-9072 is complete and PRIOR to CR gd in that location.	AECOM	< 7d pt gd at site		04/25/11		CEC notification on 8/05/11
341	CEC	x			CUL-12	Surface Collection with Sampling for site CA-RIV-9074	Notify CPM that collection at CA-Riv-9072 will commence.	Jessica Auch	> 15d pt data recovery		01/01/11	9-Mar-11	3/28/2011
343	CEC	x			CUL-12	Surface Collection with Sampling for site CA-RIV-9076	Submit a preliminary letter report detailing finds at CA-Riv-9072. Can be included with report for CUL-11.	Jessica Auch					complete
346	CEC	x	x		CUL-13	Flag and Avoid	Flag buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072.	AECOM	pt gd at site		05/01/11		N/A
347	CEC				CUL-14		DELETED	Jessica Auch					
348	CEC				CUL-15		DELETED	Jessica Auch					

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349	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Submit results of Native American consultation.	Jessica Auch	> 15d pt construction		01/01/11		Complete
350	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Notify CPM of consultation.	Jessica Auch	> 30d pt construction		12/17/10	12-Dec-10	NA
350	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Documentation that security gate/guard is in place.	Jessica Auch	pt grading		05/01/11		Complete
351	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Consult with Native American representatives regarding to the McCoy Spring National Register Archaeological District and sites CA-Riv-0523, CA-Riv-3149, CA-Riv-4569, and CA-Riv-4699	Jessica Auch	pt construction		Ongoing through CEC specialist under CUL-1	Ongoing	
352	CEC	x			CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Include in CRMMP a data recovery plan for the historic-period archaeological resources.	AECOM	pt gd		01/16/11	1-Mar-11	
353	CEC	x			CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Submit to CPM letter report that data recovery is complete.	AECOM	< 7d of data recovery completion			2/1/2011 2/11/11	Approved 2/14/11
355	CEC	x	x		CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Notify CPM that historic-period site mapping and in-field artifact analysis will commence.	AECOM	> 15d pt gd within 30m of site			17-Jan-11	Complete
355	CEC	x	x		CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Notify CPM that historic-period site mapping and in-field artifact analysis will commence. Ph II	AECOM	> 15d pt gd within 30m of site			9-Mar-11	3/28/2011
359	CEC		x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Process Safety Management Plan.	Fluor	> 60d pt receipt of hazmat	02/21/13	03/07/13		NOT REQUIRED PER THE CEC 1/28/13
359	CEC		x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Spill Prevention, Control, and Countermeasure Plan.	Mosley	> 60d pt receipt of hazmat	02/21/13	03/07/13		Approved by the CEC on 2/12/12
360	CEC		x		HAZ-3	Safety Management Plan for Hazardous Material	Submit a Safety Management Plan.	McCord	> 60d pt receipt of hazmat	02/25/13	03/11/13	3/08/13 to the CEC # 2013-013	Approved by the CEC on 5/2/13
361	CEC		x	x	HAZ-3	Safety Management Plan for Hazardous Material	Implement Safety Management Plan.	Operations	Ongoing				
362	CEC		x		HAZ-4	HTF pipe system isolation valves	Submit design drawings showing the number, location, and type of HTF isolation valves.	Fluor	> 30d pt const. of solar array		08/31/11		
363	CEC	x			HAZ-5	Construction Site Security Plan	Submit a Construction Security Plan Verification.	Fluor	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/10/10
365	CEC		x		HAZ-6	Operations Site Security Plan	Submit a Operations Site Security Plan.	McCord	> 30d pt receipt of hazmat	03/23/13	04/06/13	3/15/2013 resubmitted 4/11/13	Approved by the CEC on 5/2/13
368	CEC	x			NOISE-1	Resident Notification- Pre-construction	Notify residents within 2 miles of the site and 0.5 mile of linears of start of construction. (Include phone # for noise complaints)	Fluor	> 15d pt gd		01/01/11	14-Jan-11	CEC Approval 1/19/11
369	CEC		x	x	NOISE-1	Resident Notification- Pre-construction	Maintain telephone number for noise complaints until facility is operational for one year.	Fluor / Operations	1yr				
370	CEC		x		NOISE-1	Resident Notification- Pre-construction	Post telephone number for noise complaints at the site during construction, visible to passersby.	Fluor	Ongoing				
384	CEC			x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit documentation of mitigation to well owners.	Worley Parsons	< 60d after start of operation		12/30/13		
371	CEC	x			NOISE-1	Resident Notification- Pre-construction	Submit statement and documentation of compliance to CPM.	Fluor	pt gd		01/16/11	14-Jan-11	
376	CEC	x			NOISE-3	Noise Control Program	Submit a Noise Control Program and a statement of commitment.	Fluor	> 30d pt gd		12/17/10	30-Nov-10	Approved 12/20/10
380	CEC	x			Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan. Phase II	Fluor	> 30d pt site mobilization		04/02/11	Prelim 3/9/11 Draft 3/22/11	Approved 1/21/11
380	CEC	x			Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan. PHASE I	Fluor	> 30d pt site mobilization		12/22/10	27-Dec-10	Approved 1/21/11
391	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Send notices to all owners and conduct a well reconnaissance within 2 miles of the project.	Worley Parsons				completed	Complete
398	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor wells, seeps and springs to establish preconstruction conditions.	Worley Parsons			12/17/10	completed	Complete
399	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit report of all pre-construction items, including calculations and assumptions.	Worley Parsons	> 30d pt construction		12/17/10		Complete
401	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a Groundwater Level Monitoring and Reporting Plan to the CPM for review and approval.	Worley Parsons	> 30d pt construction		12/17/10	3-Dec-10	Approved 12/21/10
408	CEC	x	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and the water well permit program	Fluor	> 30d pt construction of GW well		04/01/11		Complete

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
409	CEC		x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit documentation that drilling was conducted in compliance with 23 CCR, sections 2510 et seq.	Fluor	< 15d after GW well completion		07/16/11		Complete
411	CEC		x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a Well Completion Report. Concurrently, submit a copy of well drilling logs, water quality analyses, and any inspection reports.	Fluor	< 60d after GW well constuction		08/29/11		Complete
412	CEC	x	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit to CPM a copy of the water well construction packet submitted to the County of Riverside.	Fluor	> 60d pt construction of GW well		03/02/11	31-Mar-11	Complete
417	CEC	x			Soil & Water-5	Construction and Operation Water Use	Install and maintain metering devices as part of the water supply and distribution system (gpd and total). Submit compliance documentation.	Fluor	> 30d pt construction		12/17/10	31-Jan-11	Complete
423	CEC	x			Soil & Water-8	Revised Project Drainage Report and Plans	Submit a Revised Project Drainage Report with the 30 percent Grading and Drainage Plans.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	Complete
424	CEC		x		Soil & Water-9	Detailed FLO-2D Analysis	Submit a detailed FLO-2D analysis with the 30 percent Grading and Drainage Plans and revised Project Drainage Report.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	Complete
425	CEC		x		Soil & Water-10	Collector and Conveyance Channel Compliance with RCFCWCD	Submit two copies of the 30 percent channel design drawings.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11	Complete
426	CEC		x		Soil & Water-11	Channel Erosion Protection	Incorporate channel erosion protection methods (except "I") in the Grading and Drainage Plans and all submittals required in SOIL&WATER-8 through SOIL&WATER-10.	Fluor	> 60d pt site mobilization (plant)		03/02/11	Prelim 3/9/11	Complete
435	CEC	x			Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit Decommissioning Plans.	Worley Parsons	> 60d pt site mobilization		11/17/10	22-Oct-10	Approved 10/29/10
438	CEC	x			Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Submit a Water Supply Plan.	Jeff Harvey	> 30d pt GW extraction for const.		12/17/10	12/3/2010 resub. 2/1/11	Complete
440	CEC	x			Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit the Ground Subsidence Monitoring and Action Plan.	Worley Parsons	> 30d pt GW extraction for const.		12/17/10	8-Dec-10	Approved 12/23/10
446	CEC	x			Soil & Water-19	Estimation of Impacts to PVMGB	Submit a report detailing results of the PVMGB underflow depletion modeling effort.	Worley Parsons	< 30d pt site mobilization		03/15/11	19-Mar-11	Complete
447	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Groundwater Quality Monitoring and Reporting Plan > 6 weeks pt start of construction.	Worley Parsons	> 45d pt construction		12/02/10	27-Oct-10	Approved 12/21/10
449	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Well Monitoring Installation and Groundwater Quality Network Report.	Worley Parsons	> 30d pt construction		12/17/10	3-Dec-10	Approved 12/21/10
450	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Commence groundwater quality monitoring prior to construction.	Worley Parsons	pt construction		12/18/10		CEC Approval 12/21/10
451	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit GW quality and level monitoring data.	Worley Parsons	> 30d pt GW extraction for const.		12/17/10	3-Dec-10	NA
452	CEC	x			TRANS-1	Traffic Control Plan	Submit copies of comment letters received from County and Caltrans and any associated changes to Traffic Plan.	Fluor	> 30d pt construction		12/17/10	16-Dec-10	NA
453	CEC	x			TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County.	Fluor	> 60d pt gd		11/18/10	11/23/2010 resubmitted 1/6/11 1/14/11	Approved 1/17/11
453	CEC	x			TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County. Phase II	Fluor	> 60d pt gd		03/02/11		
463	CEC	x			TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit photographs or video of all affected public roads, easements and ROWs.	Fluor	> 30d pt site mobilization		12/17/10	21-Dec-10	NA
464	CEC	x			TRANS-5	Restoration of Public Roads, Easements, and ROWs	Notify the County and Caltrans of schedule for construction.	Fluor	pt site mobilization		01/16/11	Completed 1/24/11	NA
469	CEC		x		TLSN-1	Compliance with Cal Pub Utility Commissions (Tline)	Submit letter signed by CA registered electrical engineer affirming the Tlines will be constructed in accordance with the stated requirements.	Fluor	> 30d pt construction of Tline		06/24/12		CEC Approval 1/16/13
476	CEC	x	x		VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Submit a Surface Treatment Plan.	Fluor	> 30d pt ordering		06/30/11		
494	CEC	x			VIS-5	Visual Mitigation and Re-vegetation of Staging Area	Meet with CPM to discuss how staging area site plan will minimize visibility from rest area.	Fluor	> 90d pt construction		10/18/10	12/28/2010 1/14/11	Approved 1.17.11
495	CEC	x			VIS-6	Reduction of Form, Line and Texture Contrast	Meet with the CPM to discuss incorporation of visual contrast reduction into the design plans.	Fluor	> 90d pt construction		10/18/10	12-Oct-10	Approved 10/25/10
497	CEC	x			WASTE-2	PE or PG - Staff Assignment	Submit resume for a PE or PG.	NextEra	> 30d pt site mobilization		12/17/10	4-Nov-10	Approved 11/30/10
500	CEC	x			WASTE-4	Construction Waste Management Plan	Submit a Construction Waste Management Plan.	Fluor	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/16/10
501	CEC	x			WASTE-5	UXO Identification, Training and Reporting Plan	Submit a UXO Identification, Training and Reporting Plan.	Tetra Tech	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/21/10
515	CEC	x			Worker Safety-1	Project Construction Safety and Health Program	Submit the Construction Emergency Action Plan and the Fire Prevention Plan to Riverside County Fire Department for review and comment prior to CPM submittal.	Fluor/Tomey Pouncy	pt CPM submittal		12/03/10	completed	Approved 1/14/11
516	CEC	x			Worker Safety-1	Project Construction Safety and Health Program	Submit the Project Construction Safety and Health Program, to include Personal Protective Equipment Program; Exposure Monitoring Program; Injury and Illness Prevention Program; Heat Stress Protection Plan; Emergency Action Plan; and a Construction Fire Prevention Plan.	Fluor	> 30d pt construction		12/17/10	12/16/2010 1/13/11	Approved 1/14/11

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
517	CEC		x	x	Worker Safety-2	Project Operations Safety and Health Program	Submit a Project Operations and Maintenance Safety and Health Program to include: Injury and Illness Prevention Plan; Operation Heat Stress Protection Plan; BMPs for the storage and application of herbicides; Emergency Action Plan; Hazardous Materials Management Program; Fire Prevention Plan; and Personal Protective Equipment Program.	Mosley	> 30d pt first fire or commissioning				CEC Approval on 5/02/13
519	CEC	x			Worker Safety-3	Construction Safety Supervisor - Staff Assignment	Submit name and contact information for the Construction Safety Supervisor (CSS).	Fluor	> 30d pt site mobilization		12/17/10	11/16/2010 1/11/10 1/18/11 4/4/11	CEC Approval 4/15/11
520	CEC	x	x		Worker Safety-4	Construction Safety Supervisor - Staff Assignment	CSS to include compliance documentation in Monthly Compliance Report.	Fluor	Monthly				
521	CEC	x			Worker Safety-4	CBO Payments	Submit verification of agreement with CBO for a Safety Monitor to CPM.	NextEra	> 60d pt construction		11/17/10	3-Nov-10	CEC Approval 1/19/11
522	CEC	x			Worker Safety-4	CBO Payments	Post payment to CBO for a Safety Monitor.	NextEra	TBD w CBO		01/01/11	14-Jan-11	CEC Approval 7/19/11
523	CEC		x	x	Worker Safety-5	Automatic External Defibrillator onsite	Install a portable automatic external defibrillator (AED) on site during construction and operations.	Fluor / Operations	Ongoing		05/01/11		
524	CEC	x	x	x	Worker Safety-5	Automatic External Defibrillator onsite	Conduct AED training program in accordance with CPM-approved program.	Fluor / Operations	Ongoing		05/01/11		
525	CEC	x			Worker Safety-5	Automatic External Defibrillator onsite	Submit verification that AED exists onsite and the training and maintenance program.	Fluor	> 60d pt site mobilization		11/17/10	3-Nov-10	Approved 1.14.11
526	CEC		x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit to the RCFD and CPM preliminary plans of location and details for a second access gate to the site.	Fluor	> 60d pt site mobilization (plant)		03/02/11		RCFD Approved 5/16/11
527	CEC		x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit revised and final plans for second access gate. Include letter or statement regarding comments from RCFD.	Fluor	> 30d pt site mobilization (plant)		04/01/11		Complete
528	CEC		x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit verification that all-terrain fire engines have been delivered and acceptable to RCFD. (see text for alternative measures requirements)	Fluor/McCord	> 180d pt receipt of HTF		11/06/12		CEC/RCFD Agreement to satisfy on 12/28/12
529	CEC	x			Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Submit either: agreement with the RCFD re funding for capital costs for fire protection/response OR documentation that a letter of credit has been provided to the RCFD and will continue annually.	NextEra	> 30d pt site mobilization		12/17/10	12/21/2010 1/12/11	CEC temp Approval 11/16/12
531	CEC	x			Worker Safety-8	Dust Control Plan	Submit Dust Control Plan.	Fluor w/ Tt support	> 60d pt site mobilization		11/17/10	1-Nov-10	Approved 1/13/11
539	CEC	x			GEN-2	Facility Design Submittals to CBO and CPM	Submit a schedule of facility design submittals, and master drawing and master specifications lists before submitting the initial engineering designs for CBO review.	Fluor	< 60d pt grading		11/17/10	17-Nov-10	Approved 12.20.10
542	CEC	x			GEN-4	Resident Engineer - Staff Assignment	Assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.	Fluor	> 30d pt grading		12/17/10	14-Jan-11	CEC Approved 1/19/11
543	CEC	x			GEN-4	Resident Engineer - Staff Assignment	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s).	Fluor	< 5d of approval		12/08/10	30-Dec-10	Approved 1/19/11
544	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the soils (geotechnical) engineer.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
545	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of soils (geotechnical) engineer.	Fluor	< 5d of approval		12/08/10	30-Dec-10	NA
546	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the civil engineer.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
547	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the mechanical engineer .	Fluor	> 30d pt construction		12/17/10	1-Dec-10	Approved
548	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the engineering geologist.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
549	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of civil eng assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
550	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of mech eng assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
551	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of eng. geologist assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
557	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Submit resumes of special inspector(s).	Fluor	> 15d pt activity			25-Feb-11	approved by CBO 1/25/11
566	CEC	x	x		CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Submit to the CBO: (Ph I) 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils, geotechnical, or foundation investigations reports.	Fluor	> 15d pt grading		12/22/10	23-Dec-10	Approved 1/21/11 no phasing
566	CEC	x	x		CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Submit to the CBO: (PH II) 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils, geotechnical, or foundation investigations reports.	Fluor	> 15d pt grading		04/16/11		Approved 1/21/11 no phasing

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
577	CEC		x		STRUC-1	CBO Submittals - Major Structure or Facility design Component, Statement of Submittal	approval of the final grading plans (including final changes) for the	McCord	> 60d pt start of construction listed GEN-2.		03/02/11		Approved by the CEC on 12/20/10
605	CEC	x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of Paleo Resource Monitors.	Tetra Tech	> 20d pt gd		04/11/11		Complete
606	CEC	x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of the Paleo Resource Specialist (PRS).	Tetra Tech	> 60d pt gd		11/17/10	2-Sep-10	Approved 10/25/10
607	CEC	x			PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit maps and drawings showing the footprint of the power plants, construction lay down areas, and all related facilities.	Fluor	> 30d pt gd		12/17/10	4-Jan-11	NA
611	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit schedule of construction phases before work commences on affected power plants.	Fluor	pt start of const on affected power plants		05/01/11	4-Jan-11	NA
612	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If the footprint of the project or its linear facilities change, provide maps and drawings reflecting those changes.	Fluor	> 15d pt gd		01/01/11	1/4/2011 3/8/11	Approved 3/17/11
614	CEC	x			PAL-3	Paleontological Resources Monitoring and Mitigation Plan	If PRS determines that paleontological materials could be impacted, PRS to submit a paleontological resources monitoring and mitigation plan (PRMMP).	Tetra Tech	> 30d pt gd		12/17/10	3-Dec-10	Approved 12/21/10
618	CEC	x			PAL-4	Paleontological WEAP	Include paleo resources in the WEAP.	Tetra Tech	> 30d pt gd		12/17/10	14-Dec-10	Approved 1/4/2011
619	CEC	x			PAL-4	Paleontological WEAP	Submit script and final video of paleo training.	Tetra Tech	> 30d pt gd		12/17/10	14-Dec-10	Approved 1/4/2011
627	CEC	x			TSE-1	CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List)	Submit the schedule, a Master Drawing List, and a Master Specifications List.	Watson	pt construction		07/24/12		See GEN-2 Approved by CEC 12/8/10
638	CEC		x		TSE-6	CBO Submittal - TSE-5 Change Requests	Notify the CBO and the CPM of any impending changes that may not conform to requirements of TSE-5 and request approval to implement such changes pt to the construction of transmission facilities.	Watson	pt const of Tline		07/24/12		
648	CEC	x			COMPLIANCE-4	Pre-con Matrix and tasks	Submit a pre-construction matrix identifying only those conditions that must be fulfilled before the start of construction,	Tetra Tech / Fluor	pt construction		01/16/11	5-Nov-10	Complete
650	CEC	x	x		COMPLIANCE-6	Monthly Compliance Report and Key Events List	Submit Monthly Compliance Reports. Include an initial list of dates for each of the events identified on the Key Events List.	Gavaldon	1st MCR		Monthly	12/7/2010 1/12/11	Complete
653	CEC	x			COMPLIANCE-9	Complaints, Notices and Citations	Send a letter to property owners living < 1mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns.	NextEra	pt construction		01/16/11		Approved 1/19/11
65	CEC		x		AQ-28	Elapsed Operating Time Meter - 1341 HP generators	Install a non-resettable hour meter on the unit to indicate elapsed engine operating time. Submit to District and CPM the specifications of the hour meter.	McCord	> 30d pt installation			1-Mar-12	Approved by the MDAQMD. CEC Approval on 6/03/13
78	CEC		x		AQ-37	Elapsed Operating Time Meter - 315 HP fire pump engines	Install a non-resettable hour meter on this unit to indicate elapsed engine operating time. Provide the District and the CPM the specification of the hour timer.	McCord	> 30d pt installation			1-Mar-12	Approved by the MDAQMD. CEC Approval on 6/03/13
367	CEC		x		Public Health-1	Cooling Water Management Plan	Submit a Cooling Water Management Plan.	McCord	> 60d pt cooling tower operation			3/15/13 CL # 2013-016	Approved by the CEC on 6/19/13
518	CEC		x		Worker Safety-1	Project Operations Safety and Health Program	Submit The Operations Fire Prevention Plan and the Emergency Action Plan to Riverside County Fire Department for review and comment.	Mosley	pt CPM submittal				Approved by the RCFD 12/05/10, Approved by the CEC on 1/14/11
36	CEC		x		AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Establish an HTF Piping and Exp Tank Inspection and Maintenance Program. Provide documentation to District staff upon request.	Operations	> 30d pt taking delivery of the HTF	03/22/13	04/05/13	04/11/13 to the CEC # 2013-022	MDAQMD approval on 5/29/13 and CEC approval on 5/30/13
38	CEC		x		AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit to CPM an HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan for review.	Operations	> 30d pt taking delivery of the HTF	03/15/13	04/05/13	04/11/13 to the CEC # 2013-022	MDAQMD approval on 5/29/13 and CEC approval on 5/30/13
596A	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation. FOR UNIT 1	McCord	upon installation				UNIT 1
596C	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation. COMMON AREA	McCord	upon installation				COMMON AREA
74	CEC		x		AQ-34	NSPS Compliance -341 HP generators	Submit the engine specifications regarding NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase		06/30/11	Submitted approval from the MDAQMD to the CEC on 6/04/13 CL# 2013-031	Approved by the CEC on 7/26/13

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
84	CEC		x		AQ-41	NSPS Compliance - 315 HP fire pump engines	Submit the engine specifications demonstrating compliance with NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase		06/30/11	Submitted approval from the MDAQMD to the CEC on 6/04/13 CL# 2013-031	Approved by the CEC on 7/25/13
35	CEC		x		AQ-11	HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan	Submit an HTF Ullage/Exp. Tanks vent release Inspection, Maintenance and Monitoring Plan.	Operations	> 30d pt taking delivery of the HTF	03/23/13	04/06/13	submitted to the CEC on 5/08/13	Approved by the CEC on 5/30/13
94	CEC		x		AQ-46	Gas tank and pump - initial and annual testing	Notify District pt testing. (initial and annual)	Gavaldon	> 10d prior to test			Notified and submitted Test Notification form to the MDAQMD on 7/3/13 via email	Completed
85	CEC		x	x	AQ-42	Gas tank and pump - toll free number	Post the required toll-free number on the equipment.	Gavaldon	Ongoing			submitted photo to the CEC on 6/4/13	Approved by the CEC on 7/31/13
42	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Provide a written test plan for District for approval and the CPM for review.	Operations	30d prior to test	03/12/13	03/26/13	Submitted to the CEC and AQMD on 6/21/13	Approved by the CEC on 7/29/13. Approved by MDAQMD on 8/05/13
251	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Submit as-built drawings and photos of evap ponds	McCord	> 30d pt operation		10/01/13	2/19/2013 Comp Log # 2013-10	waiting on approval for south pond submittal
505	CEC	x	x	x	WASTE-6	Haz Waste Generator Identification Number	Obtain a hazardous waste generator identification number from USEPA prior to generating any hazardous waste. Retain a copy onsite.	Gavaldon	pt generating haz waste		10/31/13	MAY 2012 MCR and Formal Sub on 2/19/13	
585	CEC		x		STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Submit to the CBO final design plans for tanks or vessels.	McCord	> 30d pt installation				Unit 2 and Common Area Approved
594A	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM. FOR UNIT 1	McCord	> 30d pt installation				UNIT 1
594B	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM. FOR UNIT 2	McCord	> 30d pt installation				UNIT 2
594C	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM. FOR COMMON AREA	McCord	> 30d pt installation				COMMON AREA
596B	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation. FOR UNIT 2	McCord	upon installation				UNIT 2
597A	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code. FOR UNIT 1	BV	Ongoing				UNIT 1
597B	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code. FOR UNIT 2	BV	Ongoing				UNIT 2
597C	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code. FOR COMMON AREA	BV	Ongoing				COMMON AREA
14	CEC			x	AQ-SC7	Dust Control Plan - Operations	Submit Operations Dust Control Plan.	Operations	30 days prior to operation			Submitted to the CEC on 5/17/13 CL# 2013-029	Comment received by CEC Staff on 6/10/13. Waiting on additions from Ops

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
637	CEC		x		TSE-5	CBO Submittal - Tline Design Drawings, Specs and Calca	Submit to the CBO : a) Design drawings for the poles/towers, foundations, anchor bolts, conductors, grounding systems, and major switchyard equipment; b) design criteria, a discussion of the calculation method(s), a sample calculation based on "worst case conditions" and a statement by the engineer that the Tline element(s) will conform with specified codes and standards. c) Electrical one-line diagrams signed and sealed by the electrical engineer, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 d) The Special Protection System (SPS) sequencing and timing if applicable shall be provided concurrently to the CPM. e) A letter stating that the mitigation measures or projects selected by the transmission owners for each reliability criteria violation, for which the project is responsible, are acceptable, f) The final Phase II Interconnection Study, g) A copy of the executed LGIA signed by the California ISO and the project owner.	Watson	pt const of Tline		07/24/12	Submitted to the CBO	items in bold still outstanding
510	CEC		x		WASTE-9	Operation Waste Management Plan	Submit any required revisions of Ops Waste Plan.	Operations	< 20d of notification from CPM			Submitted to the CEC on 7/25/13	Awaiting Approval from the CEC
91	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Submit results of pressure checks.	Operations	< 30d after test	08/08/13	08/13/13	Submitted to CEC and MDAQMD on 8/02/13	Awaiting Approval from CEC and MDAQMD
434	CEC	x			Soil & Water-13	Channel Maintenance Program	Submit written commitment to adopt and implement the Program.	Operations	> 60d pt start of project related activity				When CMP is complete will ask for letter from Ops
41	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify District and CPM prior to testing.	Operations	10d prior to test	09/03/13	09/08/13		Notified MDAQMD of Vent test on 09/04/13
632	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Submit to the CBO the final design plans, etc for the power plant switchyard, and outlet line and termination, include statement from the electrical engineer verifying compliance with all applicable LORS.	McCord	pt start of each increment of construction				Split into increments
11B	CEC			x	AQ-SC6	Fleet Plan for operations vehicles	Submit to the CPM a copy of the plan that identifies the size and type of the on-site vehicle and equipment fleet and the vehicle and equipment purchase orders and contracts and/or purchase schedule	Operations	30 days prior to operation	09/02/13	10/02/13		
359	CEC		x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Hazardous Materials Business Plan.	McCord	> 60d pt receipt of hazmat	02/25/13	03/11/13	walked in to the County by J.Wellman on 3/11/13 #2013-015 comments received by the RCEHD	Approved by the CEC on 5/10/13. resubmittal on 7/2/13 to the RCEHD. Received comments from Brad Ballen working on final edits
432	CEC		x		Soil & Water-13	Channel Maintenance Program	Submit two copies a Channel Maintenance Program.	Gavaldon	> 60d pt start of project related activity				Matt McCord working with Worley Parsons for updated Maps and numbers. Getting Ed
592	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Submit to the CBO the final plans and a statement from the mechanical engineer certifying compliance with applicable LORS for major piping or plumbing.	McCord	> 30d pt installation				
598	CEC		x		MECH-3	CBO Submittal - HVAC Specs, etc.	Upon completion of any increment of construction, request CBO's inspection and approval of that construction.	McCord	Upon completion of increment of construction				
599	CEC		x		MECH-3	CBO Submittal - HVAC Specs, etc.	Submit to the CBO the required HVAC and refrigeration plans and a statement from the mechanical engineer certifying compliance with applicable codes. Submit copy of the transmittal letter to the CPM.		> 30d pt const of HVAC or refrig system				
600	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Submit to the CBO the final plant design plans and a signed/stamped stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.		> 30d pt start of each increment of construction				
477B	CEC		x	x	VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion. UNIT 2	Gavaldon	upon completion of installation				
477C	CEC		x	x	VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion. COMMON AREA	Gavaldon	upon completion of installation				
488	CEC		x		VIS-4	Reflective Glare Mitigation	Construct perimeter chain link using dark or earth-toned opaque privacy slats of a minimum 8 feet in height.	Gavaldon	Ongoing		06/04/12	Oct-11	

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5	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	AQCOMM to submit compliance documentation to the CPM in each Monthly Compliance Report.	Gavaldon	MCR				
7	CEC		x		AQ-SC4	Dust Plume Response Requirement	Submit information on dust plume observations, response, and list of equipment onsite in Monthly Report.	Gavaldon	MCR		Monthly	Ongoing	
9	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	<i>Implement Diesel-Fueled Engine Control</i>	ECM	MCR		01/17/11		
9	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	Submit compliance documentation in Monthly Compliance Report.	ECM	MCR		Monthly	Ongoing	
102	CEC		x		BIO-2	Designated Biologist - responsibilities	Include documentation of biological resource compliance in the Monthly Compliance Reports.	Gavaldon	MCR		Monthly		
110	CEC		x		BIO-4	Biological Monitors - responsibilities	Include BIO-4 compliance documentation in Monthly Compliance Report.	Gavaldon	Monthly		Monthly		
115	CEC		x		BIO-6	Worker Environmental Awareness Program (WEAP)	Submit training records in the Monthly Compliance Report.	Gavaldon	Monthly				
124	CEC	x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Include BIO-7 compliance documentation in Monthly Compliance Report.	Gavaldon	MCR				
130	CEC		x		BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Monthly Compliance Report.	Gavaldon	MCR		Monthly		
192	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit burrowing owl compliance documentation in monthly compliance report.	Gavaldon	MCR				
212	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Submit compliance documentation of special-status plant avoidance and minimization measures in the Monthly Compliance Reports.	Gavaldon	MCR		Monthly	n/a	
258	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Monthly Compliance Reports.	AECOM	Monthly, a section on the monthly report addresses this issue.		Monthly		
315	CEC		x		CUL-7	Worker Environmental Awareness Program	Submit all new WEAP acknowledgement forms and a running tally of trained employees in monthly compliance report.	Gavaldon	Monthly		Monthly		
323	CEC		x		CUL-8	Construction Monitoring Program	Include report of any NCRs in monthly compliance report.	Gavaldon	MCR				
346	CEC	x	x		CUL-13	Flag and Avoid	Inspect flagged buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072 monthly. Submit compliance documentation in the Monthly Compliance Report.	Gavaldon	Monthly		01/16/11		
381	CEC	x	x		Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit compliance documentation in the Monthly Compliance Report.	Gavaldon	MCR				
456	CEC	x			TRANS-2	Vehicle Weight Limits	Obtain necessary overweight/oversized and other transportation permits required by Caltrans and the County. Report receipt of permits in Monthly Report.	Gavaldon	MCR		05/01/11		
457	CEC	x	x		TRANS-3	Public ROW Encroachment	Obtain necessary encroachment permits from Caltrans and all relevant jurisdictions. Report receipt of permits in Monthly Report.	Gavaldon	MCR		01/16/11		
462	CEC	x	x		TRANS-4	Hazmat Transport Permits/Licenses	Obtain necessary hazardous material transport permits from Caltrans and all relevant jurisdictions. Report receipt in Monthly Report.	Gavaldon	MCR		05/01/11		
503	CEC		x	x	WASTE-6	Haz Waste Generator Identification Number	Submit documentation of any new or revised hazardous waste generation notifications in the following Monthly Compliance Report.	Gavaldon	Monthly		Monthly		
538	CEC	x	x		GEN-2	Facility Design Submittals to CBO and CPM	Include updated schedule of facility design submittals, and master drawing and master specifications in the Monthly Compliance Report.	Gavaldon	MCR		12/04/10	17-Nov-10	NA
541	CEC	x	x	x	GEN-3	CBO Payments	Submit a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Gavaldon	< 30d Monthly		01/05/11		
552	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Include a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	Gavaldon	MCR				
558	CEC		x		GEN-7	Facility Design Discrepancy Documentation	Submit a copy of the CBO's approval of corrective action taken to resolve a discrepancy in the next monthly compliance report.	Gavaldon	MCR		Monthly		
563	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Submit a copy of statement of work completed to the CPM in the next monthly compliance report.	Gavaldon	Monthly				
567	CEC	x			CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Include CBO approval in following monthly compliance report.	Gavaldon	< 30d after approval				
571	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Include a list of NCRs in the following Monthly Compliance Report.	Gavaldon	MCR		Monthly		
574	CEC		x		CIVIL-4	Final Grading Plans - CBO submittal	Submit a copy of the CBO's approval of grading plans to the CPM in the next monthly compliance report.	Gavaldon	< 30d after approval				
584	CEC	x	x		STRUC-3	CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs	Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Gavaldon	< 30d of approval				
586	CEC	x	x		STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Include copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report.	Gavaldon	MCR				
587	CEC		x		STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Include a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Gavaldon	< 30d following inspection				
590	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Gavaldon	MCR		Monthly		
591	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Include a copy of transmittal letter to CBO in following monthly compliance report.	Gavaldon	< 30d of submittal				

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595	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Include CBOs inspection approval in the monthly compliance report following any inspection.	Gavaldon					
602	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Include in the monthly compliance report: 1. Receipt or delay of major electrical equipment; 2. Testing or energization of major electrical equipment; and 3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission decision.	Gavaldon	MCR		Monthly		
616	CEC		x		PAL-4	Paleontological WEAP	Submit Paleo training documentation in Monthly Compliance Report.	Gavaldon	MCR		Monthly		
620	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Include summary of paleo monitoring activities and finds in the Monthly Compliance Report.	Gavaldon	MCR		Monthly		
628	CEC	x			TSE-1	CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List)	Include TSE schedule updates in the Monthly Compliance Report.	Gavaldon	MCR				
633	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Submit a copy of the transmittal letter of final design plans to CBO in the next monthly compliance report.	Gavaldon	MCR				
636	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	Gavaldon	MCR		Monthly		
649	CEC	x			COMPLIANCE-5	Compliance Matrix	Submit a compliance matrix with each monthly and annual compliance report	Gavaldon	MCR			7-Dec-10	
12	CEC			x	AQ-SC6	Fleet Plan for operations vehicles	Submit to the CPM a Fleet Plan for vehicles dedicated to mirror washing and maintenance activities.	NEE	> 30d pt operation	08/13/13	08/27/13		
15	CEC		x	x	AQ-SC7	Dust Control Plan - Operations	Submit report identifying locations of all speed limit signs, and a copy of the training manual.	Arneson	< 60d after start of operation	12/10/13	12/31/13		
25	CEC		x		AQ-6	Initial MDAQMD Compliance Test - NG boilers	Notify agencies within fifteen working days before the initial MDAQMD compliance test.	Gavaldon	< 15d prior to test	09/13/13	09/23/13		
40	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit a report of test results to the District.	McCord	< 45d after test	10/18/13	11/02/13		
43	CEC			x	AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit to the District a compliance test protocol.	Operations	< 60d after initial start up		12/30/13		
80	CEC			x	AQ-39	Operations and Maintenance log - 315 HP fire pump engines	Maintain an operations log for this unit current and on-site, for three years.	Operations	3 yrs after start of operations		11/01/13		
86	CEC			x	AQ-43	Gas tank and pump - inspection and maintenance records	Maintain an inspection, repair and maintenance log onsite for at least two years.	Operations	2 yrs after start of operations		11/01/13		
89	CEC		x	x	AQ-45	Gas tank and pump - Vapor vent piping	Equip the vapor vent pipes with Husky 5885 pressure relief valves or as otherwise allowed by EO.	McCord	Ongoing				
88	CEC		x	x	AQ-44	Gas tank and pump - piping or vapor recovery modifications	Submit any modification to the piping or control fitting of the vapor recovery system for review and approval.	McCord	Ongoing				
93	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Make test results available to CPM upon request.	Operations	Ongoing				
96	CEC		x	x	AQ-47	Gas tank and pump - aboveground tank and vapor recovery system compliance	Install and maintain aboveground storage tank and vapor recovery system in compliance with California Health and Safety Code.	Construction	Ongoing				
95	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Submit passing test reports to District.	Operations	< 6w pt expiration of permit				
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCMM monthly reporting -	Implement Dust Control BMPs	Arneson			01/17/11		
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCMM monthly reporting -	Stabilize all disturbed areas after construction activities.	Arneson	Construction Completion		07/01/14		
7	CEC		x		AQ-SC4	Dust Plume Response Requirement		Arneson			01/17/11		
8	CEC		x		AQ-SC4	Dust Plume Response Requirement	Monitor all construction activities for visible dust plumes. If plumes observed, implement mitigation as specified.	Arneson	Ongoing				
10	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	AQCMM to inspect and tag all diesel-fueled engines Diesel engines and tier standards - see full text. Do not idle diesel equipment for more than 5 mins.(see full text for exceptions)	Arneson	Ongoing		Monthly	Ongoing	
11	CEC			x	AQ-SC6	Fleet Plan for operations vehicles	Update Fleet Plan every other year. Submit the Fleet Plan with Annual Report.	Operations	Bi-Annually		Annual		
16	CEC	x	x	x	AQ-SC8	Air permit submittals	Submit all modified or revised ATC/PTO documents and all federal air permits.	Gavaldon	< 15d of receipt			02/11/13 renewed	
18	CEC			x	AQ-1	Equipment Operation, Application Requirements - NG boilers	Operate NG boilers in compliance with all data and specifications submitted with application.	Operations	Ongoing				
19	CEC			x	AQ-2	Equipment fuel Use, Manufacturer Specifications - NG boilers	Fuel equipment only with NG. Operate and maintain in accordance with manufacturer recommendations.	Operations	Ongoing				
20	CEC			x	AQ-3	Emissions limits, reporting - NG boilers	Emissions shall not exceed the following hourly emission limits (see full text)	Operations	Ongoing				

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21	CEC			x	AQ-3	Emissions limits, reporting - NG boilers	Submit emissions compliance documentation in Annual Compliance Report.	Operations	Annually				
22	CEC			x	AQ-4	Maintenance and Operations Log - NG boilers	Maintain an operations log on-site and current for a minimum of five (5) years.	Operations	Ongoing, 5 yrs				
23	CEC			x	AQ-4	Maintenance and Operations Log - NG boilers	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing				
24	CEC			x	AQ-6	Initial MDAQMD Compliance Test - NG boilers	Submit test results within 180 days of initial start up.	Operations	< 180d after initial start up	02/05/14	04/06/14		
26	CEC			x	AQ-7	Annual MDAQMD Compliance Test - NG boilers	Perform annual MDAQMD compliance tests.	Operations	Annually				
27	CEC			x	AQ-7	Annual MDAQMD Compliance Test - NG boilers	Submit results report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit				
118	CEC			x	BIO-6	Worker Environmental Awareness Program (WEAP)	Keep signed training forms on site for >6m after start of operations and 6m after staff dismissal.	Operations	> 6m Operations		11/01/13		
28	CEC			x	AQ-9	HTF Ullage/Exp. Tanks - HTF storage	Ullage tanks - This system shall store only HTF.	Operations	Ongoing				
121	CEC	x		x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Conduct Aerial Surveys and submit pre-const. photos for review	Holt	after construction completion		05/06/13	10-Jan-11	pending
29	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbion system	Monitor VOC output, sample weekly. Calibrate FID on day of use. Maintain log of weekly sampling results and keep log onsite. Provide sampling log to District upon request.	Operations	Weekly				
30	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbion system	Operate ullage tanks system with the carbon adsorption system. <i>[VOC and Benzene emissions cap, see full text]</i>	Operations	Ongoing				
31	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbion system	Submit compliance documentation in Annual Compliance Report.	Operations	Annually				
32	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbion system	Submit a yearly summary report of all VOC emissions.	Operations	Jan-31 Annually				
34	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbion system	Submit initial test results within 180 days after startup.	Operations	< 180d after initial start up		04/30/14		
37	CEC			x	AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing				
39	CEC			x	AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit volume of HTF removed and added in Annual Report.	Operations	Annually				
44	CEC			x	AQ-14	HTF Ullage/Exp. Tanks - Initial MDAQMD Compliance Testing and Reporting	Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test report.	Operations	< 180d after initial start up		04/30/14		
45	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing				
46	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Perform annual compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual.	Operations	Annually				
47	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Submit test results and report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit				
48	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Retain all annual test records for 5 yrs.	Operations	Ongoing, 5 yrs				
146	CEC			x	BIO-11	Desert Tortoise Compliance Verification	Submit a Final Listed Species Mitigation Report.	AECOM	< 45d after initial start up		12/15/13		
49	CEC			x	AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Include Ullage/tank emission rate caps compliance documentation in Annual Report.	Operations	Annually				
50	CEC			x	AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Maintain emission rates below specified volumes.	Operations	Ongoing				
51	CEC		x	x	AQ-17	HTF Ullage/Exp. Tanks - Regulated Substances	Submit a Compliance Plan of the toxic or hazardous substances if current non-criteria substances in the HTF become regulated as toxic or hazardous substances.	Operations	Ongoing	IF/THEN			
52	CEC			x	AQ-18	Equipment Operation, Application Requirements - Cooling Towers	Operate cooling towers in compliance with all data and specifications submitted in application.	Operations	Ongoing				
53	CEC			x	AQ-19	Equipment Operation Manufacturer Specifications - Cooling Towers	Operate cooling towers in compliance with all manufacturer specifications.	Operations	Ongoing				
163	CEC			x	BIO-13	Raven Management Plan	Submit a status report of the Raven Management Plan implementation.	German	< 30d after start of operation	11/16/13	12/01/13		
54	CEC			x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Comply with drift rate emissions cap <i>(see full text)</i> .	Operations	Ongoing				
56	CEC			x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit compliance documentation on operating emission rates with Annual Report.	Operations	Annually				
170	CEC			x	BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation.	Alice Karl	< 30d after start of operation	11/16/13	12/01/13		
58	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	Submit compliance documentation with Annual Report.	Operations	Annually				

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59	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	Do not operated for more than 3,200 hours per rolling twelve month period and more than 15 hours per calendar day.	Operations	Ongoing				
60	CEC			x	AQ-24	Maintenance and Operation Log - Cooling Tower	Maintain operations log onsite for 5 years.	Operations	Ongoing				
61	CEC			x	AQ-24	Maintenance and Operation Log - Cooling Tower	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing				
62	CEC			x	AQ-25	Drift Eliminator Maintenance Procedures	Make available compliance documentation for inspection by representatives of the District, ARB, and the Energy Commission	Operations	Ongoing				
63	CEC			x	AQ-26	Equipment Operation Manufacturer Specifications - 341HP generators	Operate generators in compliance with all manufacturer specifications.	Operations	Ongoing				
64	CEC			x	AQ-27	Fuel Restrictions - 341 HP generators	Use only ultra-low sulfur diesel fuel. Retain fuel purchase records.	Operations	Ongoing				
197	CEC			x	BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit a Construction Termination Report identifying status of owl mitigation.	AECOM	< 30d Start of Operations		11/30/13		
66	CEC			x	AQ-29	Operating Time Restrictions - 341 HP generators	Use limited to emergency power. Operate no more than 50hr/yr for testing and maintenance.	Operations	Ongoing				
67	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Maintain a operations log for a minimum of two years.	Operations	Ongoing 2 yrs after start of operations				
68	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Make records available to the District for three years.	Operations	Ongoing 3 yrs after start of operations				
69	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Submit compliance documentation in Annual Report.	Operations	Annually				
70	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Make site and records available for inspection by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing				
71	CEC			x	AQ-31	Voluntary Power Outage Use - 341 HP generators	Do not use generators during a voluntary power outage or reduction.	Operations	Ongoing				
72	CEC			x	AQ-32	Involuntary Power Outage Use - 341 HP generators	Operate generators <30 minutes pt ordered outage. Shut down immediately after advised that the outage is no longer imminent or in effect.	Operations	Ongoing				
73	CEC			x	AQ-33	ATCM Compliance - 341 HP generators	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing				
75	CEC			x	AQ-34	NSPS Compliance -341 HP generators	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Operations	Ongoing				
76	CEC			x	AQ-35	Equipment Specification Compliance - 315 HP fire pump engines	Install, operate and maintain equipment in accordance with manufacture recommendations and with all data and specifications submitted with permit application.		Site Available				
77	CEC			x	AQ-36	Fuel Restrictions - 315 HP fire pump engines	Use only ultra-low sulfur diesel fuel for equipment.	Operations	Ongoing				
79	CEC			x	AQ-38	Operating time restrinctions - 315 HP fire pump engines	Limit use for emergency power. Operate < 50hrs/yr for testing.	Operations	Ongoing				
81	CEC			x	AQ-39	Operations and Maintenance log - 315 HP fire pump engines	Submit compliance documentation in Annual Report.	Operations	Annually				
82	CEC			x	AQ-40	ATCM Compliance - 315 HP fire pump engines	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing				
83	CEC			x	AQ-41	NSPS Compliance - 315 HP fire pump engines	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Operations	Ongoing				
90	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests annually. Document test data on a Form similar to EO VR-401-A Form 1	Operations	< 60d after construction completion		08/29/14		
97	CEC			x	AQ-48	Gas tank and pumps - certified technician	Maintenance and repair of system components shall be performed by OPW Certified Technicians.	Operations	Ongoing				
98	CEC			x	AQ-49	Gas tank and pumps - maintenance intervals	Maintenance Intervals shall be conducted by an OPW trained technician annually.	Operations	Annually				
100	CEC			x	AQ-51	Gas tank and pumps - EVR phase I and II	Maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-A, and Phase II vapor recovery in accordance with G-70-116-F.	Operations	Ongoing				
103	CEC			x	BIO-2	Designated Biologist - responsibilities	Des Bio to submit bio compliance documentation through operations, unless approved by the CPM.	German	Annually				
105	CEC			x	BIO-2	Designated Biologist - responsibilities	Submit BRMIMP compliance summary reports in Annual Compliance Report.	German	Ongoing				

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105	CEC		x		BIO-2	Designated Biologist - responsibilities	Des Bio Const: Advise Construction and Operation Managers on bio resources and COCs; Train Bio Monitors on BRMIMP, WEAP and USFWS guidelines for tortoise. Oversee monitoring for sensitive bio resources Inspect areas of active construction at beginning and end of day for trapped animals. Inpsect areas of high traffic activity for animals in harm's way; Notify Owner and CPM of any NCRs Communicate directly with CDFG, USFWS, and CEC, responding to inquiries Submit BRMIMP compliance summary reports in Monthly Compliance Report. Submit BRMIMP compliance summary reports in Annual Compliance Report.	German	Ongoing				
107	CEC		x		BIO-3	Biological Monitors - Staff assignment	Submit information on additional bio monitors, if needed	Gavaldon	> 10d pt monitoring activity				
108	CEC			x	BIO-4	Biological Monitors - responsibilities	Employ a Bio Mon during operations if any action could affect a sensitive bio resource.	AECOM	Ongoing				
111	CEC		x		BIO-4	Biological Monitors - responsibilities	Bio Mons assist DB with surveys and monitoring disturbance activities.	Guigliano	Ongoing				
112	CEC		x	x	BIO-5	Designated Biologist and Biological Monitor Authority	Des Bio to notify agencies if there a stop work order.	German	Ongoing				
114	CEC			x	BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct training annually for perm. Employees and within one week of arrival for new staff.	Operations	Annually				
116	CEC		x	x	BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct WEAP training to all onsite personnel within one week of arrival. Employees must sign a completion form and display a hardhat sticker. Keep all training forms on site.	Mann	Ongoing				
119	CEC	x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit the revised or supplemented BRMIMP.	German	< 10d of receipt of addl permits				
122	CEC			x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Construction disturbance verification - submit post-construction aerial images of the project site .	Holt	< 90d after construction completion	09/07/14	09/28/14		
123	CEC	x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit any outstanding permits within 5 days of receipt and revise BRMIMP accordingly.	Gavaldon	< 5d of receipt				
127	CEC		x	x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit to the CPM a Construction Termination Report.	German	< 30d after construction completion		07/31/14		
129	CEC				BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Annual Compliance Report.	AECOM	Annually				
134	CEC		x		BIO-8	Impact Avoidance and Minimization Measures	If activities btwn Feb15 to Apr15 may result in noise >65 dBA in bird nesting habitat, submit nest survey results (as described in 9a).	German	< 7d before noisy construction				
138	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Inspect temporary fencing weekly and, where drainages intersect the fencing, during and within 24 hours following major rainfall events. Repair fence immediately. If damage could have allowed tortoise entry, Des Bio must inspect area for animal presence.	German	< 24hr following rain event				
139	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Inspect permanent fencing monthly, during and within 24 hours following all major rainfall events (flow is detectable within the fenced drainage). Repair fence immediately, with permanent repairs completed within 48 hrs.	German	< 48hrs following rain event				
141	CEC	x			BIO-9	Desert Tortoise Clearance Surveys and Fencing	Design security gates with minimal ground clearance to deter ingress by tortoises.	McCord					
141	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Clear plant site of Tortoise following construction of permanent fence. Search and collapse all unoccupied burrows. Excavate all occupied burrows. Relocate and monitor in accordance with Translocation Plan.	German	following const of permanent fence		04/15/11		
142	CEC	x	x		BIO-10	Desert Tortoise Translocation Plan	Submit a Translocation Plan status report following translocation of a DT.	German	< 30d after initiation of relocation				
144	CEC		x		BIO-11	Desert Tortoise Compliance Verification	Des Bio must be onsite daily during ground-disturbing construction activities located beyond permanent fencing.	AECOM	Ongoing				
145	CEC		x	x	BIO-11	Desert Tortoise Compliance Verification	Provide agencies with reasonable access to the Project site and compensation lands.	NextEra	Ongoing				
147	CEC		x		BIO-11	Desert Tortoise Compliance Verification	Des. Bio to conduct compliance inspections at least once per month after grading is completed.	German	Monthly		Monthly		
149	CEC	x	x		BIO-11	Desert Tortoise Compliance Verification	DesBio - Notify agencies immediately of any injured or dead listed species. Follow up with written notification within 2 days.	German	< 2d of discovery				
150	CEC		x		BIO-11	Desert Tortoise Compliance Verification	Notify the CPM immediately of any NCR.	AECOM	upon discovery				
155	CEC			x	BIO-12	Desert Tortoise Compensatory Mitigation	Provide to agencies a total disturbance acreage, including B/A aerial photography.	McCord	< 90d after completion of gd		09/28/14		
167	CEC			x	BIO-13	Raven Management Plan	Include the status of the Raven Management Plan implementation in Jan 31 report during operations.	AECOM	Jan-31 Annually				
168	CEC		x	x	BIO-13	Raven Management Plan	Implement the approved Raven Management Plan.	AECOM	Ongoing				

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172	CEC			x	BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation in Jan 31 report during operation.	Alice Karl	Jan-31 Annually				
173	CEC			x	BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit summary report of nest buffer zones in Jan 31 report during operations.	German	Jan-31 Annually				
181	CEC		x	x	BIO-16	Avian Protection Plan.	Report project-related bird deaths or injuries to agencies.	AECOM	Ongoing				
182	CEC			x	BIO-16	Avian Protection Plan.	Continue quarterly and annual reporting on APP until agencies determine not necessary.	AECOM	Ongoing, Quarterly and annually				
183	CEC			x	BIO-16	Avian Protection Plan.	Submit report of study design and results after two years of data collection.	AECOM	< 3yr after start of operation		10/15/16		
184	CEC			x	BIO-16	Avian Protection Plan.	Submit quarterly monitoring reports of APP status. Follow up with an annual report (Jan 31).	AECOM	Jan-31 Annually				
188	CEC			x	BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit results of monitoring and management of compensation lands.	AECOM	Jan-31 Annually for first 5yrs of operations				
204	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Submit Security adequate for long-term implementation and monitoring of the Habitat Enhancement / Restoration Plan.	Alice Karl					
208	CEC	x	x	x	BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Notify agencies immediately if a State- or Federal-Listed Species, or BLM Sensitive Species is identified at any time during the life of the Project.	Alice Karl					
218	CEC		x	x	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Select, install and maintain ECDs such that special-status plants are not directly or indirectly affected (seed mixes, hay, runoff).	Alice Karl	Ongoing				
223	CEC		x	x (closure)	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Designated Botanist: monitor disturbance activities weekly.	Alice Karl	Weekly		01/17/11	Submitted in monthly report	
224	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Incorporate site design modifications to minimize impacts to special-status plants along the Project linears.	McCord					
225	CEC			x	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Des Bio: Protect special-status plant species within 100ft of Project Boundaries during operations.	German	Ongoing, this task is in the daily and weekly DB reports. Included in the monthly compliance reports.				
226	CEC		x	x	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Maintain a 100-ft buffer around ESAs. (vehicles, wash stations, storage, equipment, etc)	German	Ongoing				
227	CEC		x		BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Protect special-status plants within 100ft of site boundaries from drift of herbicides and stabilizer.	Alice Karl	Ongoing, Re-vegetation efforts to begin middle of October.				
238	CEC			x	BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit final accounting of MFTL habitat disturbed during construction within 90d of construction completion.	AECOM	< 90d after start of operation		01/29/14		
243	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Report any dead wildlife to Des Bio <24hrs. Des Bio must report to agencies .48hrs.	German	< 1d of detection, all dead wildlife has been reported				
244	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	If no entanglements are detected after 12 months, continue to monitor quarterly.	AECOM	quarterly		Quarterly		
245	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Submit quarterly reports to agencies for first year of operation. Thereafter, submit reports annually.	AECOM	quarterly		Quarterly		
246	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).	AECOM	biannually				
247	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Submit annual reports no later than January 31 of each year.	AECOM	Jan-31 Annually				
248	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Netting cannot touch the water in evap ponds.	Operations	Ongoing				
249	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Consult with agency regarding removal of injured wildlife in evap ponds.	AECOM	Ongoing				
252	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Des Bio or Monitor must inspect netting monthly during operation.	German	monthly		Monthly		
256	CEC		x	x	BIO-22	Mitigation for Impacts to State Waters	Provide a copy of Condition of Certification BIO-22 to all on-site personnel (detailing Stop Work Authorities).	Mann	Ongoing, part of the WEAP training				
258	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Annual Compliance Reports.	Operations	Annually		Annual		
259	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Submit a final accounting of disturbance to jurisdictional waters during construction.	AECOM	< 90d after start of operation		06/29/14		
264	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Submit a report of monitoring and management of compensation lands.	Operations	Jan-31 Annually				
266	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Operations	Annually				
268	CEC	x	x		BIO-22	Mitigation for Impacts to State Waters	Notify agencies of any change of conditions to the Project (site conditions, impacts, mitigation).	AECOM	< 7d upon discovery				
269	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Operations	Annually				

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271	CEC			x	BIO-23	Decommissioning and Closure Plan	Revise and submit Decommissioning and Closure Plan every 5yrs during operations.	Operations	every 5yrs				
272	CEC			x	BIO-23	Decommissioning and Closure Plan	Implement a final Decommissioning and Closure Plan.	Operations	Project closure				
274	CEC		x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Submit status report of Reveg Plan yearly.	Alice Karl	Jan-31 Annually				
275	CEC		x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Implement Revegetation Plan.	Alice Karl	Ongoing				
277	CEC			x	BIO-24	Revegetation of Temporarily Disturbed Areas	Provide compliance documentation and status of completion of the Reveg Plan.	Alice Karl	< 30d after construction completion		07/30/14		
278	CEC				BIO-25		DELETED						
279	CEC				BIO-26		DELETED						
283	CEC		x	x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Implement a CST Protection and Mitigation Plan.	AECOM	Ongoing				
284	CEC		x		BIO-28	Golden Eagle Inventory and Monitoring	If a nest is found, notify agencies submit final Golden Eagle Monitoring and Management Plan.	AECOM	< 30d after detection				
285	CEC		x		BIO-28	Golden Eagle Inventory and Monitoring	Survey for golden eagle annually during construction.	AECOM	Annually				
294	CEC	x	x		CUL-3	Cultural Resources Personnel	Submit resume of CRS replacement (if necessary).	AECOM	10d pt CRS departure				N/A
296	CEC	x	x		CUL-3	Cultural Resources Personnel	CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities.	Tennyson	Ongoing				
298	CEC	x	x		CUL-3	Cultural Resources Personnel	Submit letter with names and quals of <i>additional</i> CR Monitors.	Tennyson	5d pt arrival on site		as needed	30-Mar-11	
302	CEC		x		CUL-4	Project Documents for Cultural Resources Personnel	If phased construction schedule changes, submit notice of change.	Gavaldon	< 5d of decision				
306	CEC		x		CUL-4	Project Documents for Cultural Resources Personnel	Submit weekly schedule and location of activities to CRS and CPM during ground disturbance.	AECOM	Weekly		01/17/11		
310	CEC		x		CUL-6	Cultural Resources Report	Submit a draft CR Report (CRR) if requesting suspension of construction (if necessary). Retain a copy of the draft CRR onsite.	Gavaldon	> 30d after request to suspend construction				
311	CEC		x		CUL-6	Cultural Resources Report	Submit documentation of CRR distribution to parties.	AECOM	< 10d of CRR approval				
312	CEC			x	CUL-6	Cultural Resources Report	Submit the final CRR.	AECOM	< 180d after completion of gd		12/28/14		
316	CEC		x		CUL-7	Worker Environmental Awareness Program	Conduct WEAP training for all new workers prior to and during gd (including landscaping)	Mann	Ongoing				
318	CEC	x	x		CUL-8	Construction Monitoring Program	Submit statement daily during gd if "no cultural resources over 50 years of age were discovered".	AECOM	daily		01/17/11	Ongoing	
320	CEC		x		CUL-8	Construction Monitoring Program	Submit a summary report of CR-related monitoring and any new DPR 523A forms as part of the monthly compliance report.	AECOM	Monthly		Monthly	1-Apr-11	
418	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit compliance documentation for the WDRs in Appendices B, C, and D.	Worley Parsons	< 60d pt waste discharge		09/02/13		
321	CEC		x		CUL-8	Construction Monitoring Program	Submit justification for reduction or cessation of CRS daily reporting.	AECOM	< 24hrs pt change of reporting			8-Mar-11	3/28/2011
322	CEC		x		CUL-8	Construction Monitoring Program	CR Staff to monitor and maintain daily log on provided forms for all gd activity until the Qoaf alluvium is reached. (including roads)	AECOM	daily				
323	CEC		x		CUL-8	Construction Monitoring Program	Notify CPM of NCRs w/in 24 hrs, recommend corrective action.	AECOM	< 24hr of discovery				
324	CEC	x	x		CUL-8	Construction Monitoring Program	Submit a copy of any Native American employment request and a copy of a response letter.	AECOM	< 15d of receipt		02/10/11	8-Feb-11	Approved 3/2/2011
422	CEC		x		Soil & Water-7	Septic System and Leach Field Reqs	Submit engineering report on the septic system and leach field design, operation, maintenance, and loading impact to groundwater to County. Submit County's assessment of compliance.	McCord	> 30d pt start of operations		10/01/13		
427	CEC		x		Soil & Water-12	Non-Transient Non-Community Water System	Obtain a permit to operate a non-transient, non-community water system with the County.Potable Water	McCord	> 60d pt operation		09/01/13		Michelle from WP working with Riverside County for permits
327	CEC	x	x		CUL-8	Construction Monitoring Program	Submit documentation of transmittals to Native American representatives following discovery of cultural material.	AECOM	< 30d upon discovery				
328	CEC	x	x		CUL-8	Construction Monitoring Program	Submit "discovery" responses from tribes.	AECOM	< 15d of receipt				
330	CEC	x	x		CUL-9	Authority to Halt Construction; Treatment of Discoveries	If cultural material is found, notify agencies (<24 hrs), Tribes (48hrs, as appropriate); submit a DPR 523 form; treat find in accordance with CRMMP.	Tennyson	< 24hr of discovery			Ongoing notification	
331	CEC		x		CUL-10	WEAP - Cultural Considerations	Implement CRMMP when within 30meters of these sites.	AECOM	Ongoing				
334	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete.	AECOM	< 1w of data recovery completion			1-Feb-11	
334	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete. Phase II	AECOM	< 1w of data recovery completion		03/30/11		
335	CEC		x		CUL-11	Data Recovery for Large sites	Submit letter report of data recovery.	AECOM	< 1w of data recovery completion				
335	CEC		x		CUL-11	Data Recovery for Large sites	Submit letter report of data recovery. Phase II	AECOM	< 1w of data recovery completion		03/30/11		
336	CEC		x	x	CUL-11	Data Recovery for Large sites	Submit to CPM any draft research paper to be presented at a professional organization.	AECOM	> 15d pt presentation				
345	CEC	x	x		CUL-13	Flag and Avoid	CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072: avoid impacts to these sites.	AECOM	pt gd within 30m of site		01/16/11		

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354	CEC	x	x		CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Implement CRMMP within 30 meters of these sites.	AECOM	Ongoing				
356	CEC		x		CUL-18	Compliance with BLN Programmatic Agreement	Comply with BLM Programmatic Agreement.	AECOM	Ongoing				
357	CEC		x	x	HAZ-1	Hazardous Materials list of approved substances	Do not use hazmats not listed, or in quantities listed in App A.	Operations	Ongoing				
358	CEC			x	HAZ-1	Hazardous Materials list of approved substances	Submit a list of haz mats contained at the facility in the Annual Compliance Report.	Operations	Annually				
364	CEC			x	HAZ-6	Operations Site Security Plan	Submit statement confirming all employee background checks are complete and appended to Security Plan as part of the Annual Compliance Report.	Operations	Annually				
366	CEC			x	HAZ-6	Operations Site Security Plan	Submit verification Security Plan includes all current hazmat transport vendor certifications as part of the Annual Compliance Report.	Operations	Annually				
372	CEC		x	x	NOISE-2	Noise Complaint Process	Document, investigate, evaluate, and attempt to resolve all project-related noise complaints.	Gavaldon	Ongoing				
373	CEC		x	x	NOISE-2	Noise Complaint Process	Contact individual making complaint.	Gavaldon	< 24hr of receipt				
374	CEC		x	x	NOISE-2	Noise Complaint Process	Submit the Noise Complaint Resolution Form.	Gavaldon	< 5d of receipt				
375	CEC		x	x	NOISE-3	Noise Control Program	Make the Program available to OSHA upon request.	Gavaldon	Ongoing				
377	CEC			x	NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	Operations	following first sustained output of 90%				
378	CEC			x	NOISE-4	Occupational Noise Survey	Make the report available to OSHA and Cal/OSHA upon request.	Operations	Ongoing				
379	CEC			x	NOISE-4	Occupational Noise Survey	Submit report of survey findings.	Operations	< 30d after test				
382	CEC			x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit results of monitoring and maintenance activities in Annual Compliance Report.	Operations	Annually				
474	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Submit compliance documentation.	Gavaldon	> 30d pt energization		08/09/13		
383	CEC		x	x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Update and maintain the DESCP for the life of the Project.	Operations	Ongoing				
385	CEC	x	x		Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CVGB within 10 miles of the site. Update trend plots and statistical analyses, as data is available.	Worley Parsons	Ongoing				
386	CEC		x		Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water from wells, seeps and springs quarterly and at the end of the construction. Submit report on water samples, including all calculations and assumptions quarterly.	Worley Parsons	< 30d following quarter end		04/30/11		
387	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit documentation of monetary compensation to well owners.	NextEra	< 30d of payment				
388	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If GW levels are lowered >5ft due to Project pumping, provide compensation or mitigation to well owners.	NextEra	Ongoing				
481	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM that permanent lighting is installed and ready for inspection.	Gavaldon	pt operation		10/31/13		
389	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor quarterly operational parameters (i.e., pumping rate) of the water supply wells.	Worley Parsons	quarterly				
390	CEC			x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a 5 year monitoring report.	Operations	5ys after start of operation				
392	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Fourth quarterly report serves as annual report. Include trend analysis. Determine where pumping has caused drawdown >5ft below baseline.	Worley Parsons	Jan-31 Annually				
393	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If required, compensate landowners by March 31.	NextEra	Mar-31 Annually				
394	CEC		x		Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Notify owners within one month of CPM approving compensation analysis.	Worley Parsons	< 1m CPM approval of comp. analysis				
395	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If GW levels are lowered and pumps exposed, reimburse well owner to lower pumps. If pumps cannot be lowered, deepen the well(s) or construct new ones.	NextEra	Ongoing				
396	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water level measurements semi-annually after the first year.	Worley Parsons	semi-annually after first yr of monitoring		01/17/12		
397	CEC	x	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit monitoring reports, complaints, studies and data.	Worley Parsons	< 10d of receipt				
400	CEC			x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	CPM to evaluate GW level monitoring program for necessity or modification every 5 years.	CPM	5yrs				
402	CEC		x		Soil & Water-3	Groundwater Well Impact Compensation	Notify all owners of the impacted wells within one month of the CPM approval of the compensation analysis for increase energy costs.	Worley Parsons	< 1m CPM approval of comp. analysis				
492	CEC		x		VIS-4	Reflective Glare Mitigation	Submit a fencing plan describing mitigation for off-site glare.	McCord	> 90d pt fence construction		07/24/13		
493	CEC		x		VIS-5	Visual Mitigation and Re-vegetation of Staging Area	Submit a revegetation plan for the staging area.	Karl	> 60d pt operation	08/12/13	09/02/13		
403	CEC		x		Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation agreement letters signed by the well owners, and contact information for landowners that do not agree with calculations.	Worley Parsons	Ongoing				
404	CEC		x		Soil & Water-3	Groundwater Well Impact Compensation	Submit all documentation and calculations r.e. compensation for energy costs associated with additional lift requirements.	Worley Parsons	< 30d after approval				
405	CEC		x	x	Soil & Water-3	Groundwater Well Impact Compensation	Provide compensation by March 31 of each year. (one time for lump sum payments).	NextEra	Mar-31 Annually				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
406	CEC		x	x	Soil & Water-3	Groundwater Well Impact Compensation	Submit a report of compensation provided for increased energy costs.	NextEra	< 30d of payment				
407	CEC		x	x	Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit to CPM two copies of all operational reports required by the County of Riverside and any changes to operations of well.	Operations	Ongoing				
410	CEC		x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit two copies of any proposed well permit changes.	McCord	< 10d of submittal or receipt				
509	CEC		x		WASTE-9	Operation Waste Management Plan	Submit the Operation Waste Management Plan.	Operations	> 30d pt operation		10/01/13		
413	CEC		x		Soil & Water-5	Construction and Operation Water Use	Submit a semi-annual report of construction water use.	Gavaldon	semi-annually		06/30/11		
414	CEC		x	x	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (g/month and total).	Operations	Annually				
415	CEC		x		Soil & Water-5	Construction and Operation Water Use	GW use during construction must not exceed an annual average of 1,368 afy.	Gavaldon	Ongoing				
416	CEC			x	Soil & Water-5	Construction and Operation Water Use	GW use during operations must not exceed 202 afy	Operations	Ongoing				
419	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit annual waste discharge permit fee associated with this facility to the Water Boards	Worley Parsons					
419	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit (for rev and approve) any change to the design, construction, or operation of the evaporation basins, treatment units, or associated storm water system pt initiating changes.	Worley Parsons	pt initiating changes				
420	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit all monitoring reports required by the WDRs and details of any nonconformance.	Worley Parsons	Ongoing				
421A	CEC			x	Soil & Water-7	Septic System and Leach Field Reqs	Comply with County and State reqs for sanitary waste disposal facilities.	Operations	Ongoing				
428	CEC			x	Soil & Water-12	Non-Transient Non-Community Water System	Designate a CA Cert'd Water Treatment Plant Operator as well as the technical, managerial and financial requirements as prescribed by State law.	Operations					
533	CEC		x		Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Submit verification that a joint training program with the RCFD is established.	Operations	> 10d pt commissioning		10/21/13		
429	CEC			x	Soil & Water-12	Non-Transient Non-Community Water System	Submit updates annually for all monitoring requirements and submittals to County related to the permit, and proof of annual renewal of the operating permit.	Operations	Annually				
430	CEC		x	x	Soil & Water-13	Channel Maintenance Program	Supervise the implementation of a Channel Maintenance Program.	Operations	Ongoing				
431	CEC		x		Soil & Water-13	Channel Maintenance Program	Ensure the Project Construction Manager receive training on the Channel Maintenance Program.	McCord	Ongoing				
433	CEC			x	Soil & Water-13	Channel Maintenance Program	Submit a Channel Maintenance Program Annual Report, Channel Maintenance Work Plan, and Lessons Learned with the Annual Compliance Report.	Operations	Annually				
436	CEC			x	Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit amended Decommissioning Plans should the decommissioning scenario change in the future.	Operations	Ongoing				
437	CEC		x	x	Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Implement Water Supply Plan mitigation measures.	Jeff Harvey	Ongoing				
439	CEC			x	Soil & Water-16	Groundwater Production Monitoring	File an annual "Notice of Extraction and Diversion of Water" with the SWRCB. Include a copy of the Notice in the Annual Compliance Report.	Operations	Annually				
441	CEC		x		Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit quarterly reports presenting data and comparison to thresholds beginning 3 months following GW production.	Worley Parsons	quarterly 3m after GW production				
442	CEC				Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Construct one monument monitoring station per production well or a minimum of three stations.	Worley Parsons	1-Jul-11				
443	CEC			x	Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit a 5-yr monitoring report summarizing findings to date.	Operations	5yrs after GW production				
445	CEC				Soil & Water-18	Water Policy Compliance Water Supply Plan	DELETED						
448	CEC		x	x	Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Monitor GW quality and levels semi-annually and submit data semi-annually.	Worley Parsons	semi-annually		06/30/11		
455	CEC	x	x		TRANS-2	Vehicle Weight Limits	Retain copies of transportation permits and supporting documentation on-site for inspection if requested.	Gavaldon					
458	CEC		x	x	TRANS-3	Public ROW Encroachment	Retain copies of encroachment permits onsite for inspection for at least six months after the start of commercial operation.	Operations	> 6m after start of operation		01/01/14		
460	CEC			x	TRANS-4	Hazmat Transport Permits/Licenses	Retain copies of hazardous material transport permits onsite for inspection.	Operations	> 6m after start of operation		01/01/14		
465	CEC		x	x	TRANS-5	Restoration of Public Roads, Easements, and ROWs	Restore all public roads, easements, and rights-of-way damaged due to project-related construction activities.	Watson	Ongoing				
466	CEC			x	TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit letter of ROW repair completion, including concurrence from Caltrans or the County.	Watson					
467	CEC			x	TRANS-5	Restoration of Public Roads, Easements, and ROWs	Meet with CPM, Caltrans and the County to identify sections of public ROW needing repair < 60d after construction. Establish a schedule for repairs.	Watson	< 60d after construction completion		08/29/14		
468	CEC		x		TLSN-1	Compliance with Cal Pub Utility Commissions (Tline)	Construct Tline in accordance with CA PUC's req's, California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	Watson	Ongoing				
471	CEC			x	TLSN-2	Pre- and Post- Energization Maesurements	Measure strengths of EMF after energization according to (ANSI/IEEE) standard procedures < 6months of start of operations.	Operations	< 60d of test				
471	CEC		x	x	TLSN-2	Pre- and Post- Energization Maesurements	Measure strengths of EMF before energization according to (ANSI/IEEE) standard procedures. Submit measurement report.	McCord	< 60d of test				

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472	CEC			x	TLSN-3	Combustible Material Inspections	Submit summary of inspection results and fire prevention activities in the Annual Compliance Report for the first 5 years of operation.	Operations	5yrs Annually				
473	CEC			x	TLSN-3	Combustible Material Inspections	Maintain Tline ROW free of combustible material.	Operations	Ongoing				
475	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Ensure all permanent metallic objects within the Tline ROW are grounded.	Watson	Ongoing				
477A	CEC		x	x	VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion. UNIT 1	Gavaldon	upon completion of installation				
478	CEC			x	VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Include a status report regarding surface maintenance in the Annual Compliance Report.	Operations	Annually				
479	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Submit a Lighting Mitigation Plan.	McCord	> 60d pt ordering permanent lighting		06/30/11		
482	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Prior to Commercial Operation, notify CPM that lighting is Complete and ready for inspection. UNIT 1	Gavaldon	prior to commercial operation		09/02/13		
482	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Prior to Commercial Operation, notify CPM that lighting is Complete and ready for inspection. UNIT 2	Gavaldon	prior to commercial operation				
482	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Prior to Commercial Operation, notify CPM that lighting is Complete and ready for inspection. COMMON AREA	Gavaldon	prior to commercial operation				
480	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM of lighting complaint resolution/implementation.	Gavaldon	< 48hr of resolution				
482	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	If after inspection lighting modifications are needed, notify CPM that modifications are complete.	Gavaldon	< 30d after notification				
483	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit any received lighting complaints. Include proposal to resolve and schedule.	Gavaldon	< 48hr of complaint receipt				
484	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit a copy of complaint resolution report.	Gavaldon	< 30d of resolution				
593	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit code certification papers and other documents for all pressure vessels installed in the plant required by applicable LORS.	BV	pt operation		10/31/13		
485	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	McCord	> 90d pt ordering permanent lighting		06/30/11		
486	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	McCord	> 30d pt ordering temp lighting		04/01/11		
487	CEC				VIS-3	Tline setback from I-10	DELETED						
489	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit copy of complaint glare resolution form.	Gavaldon	< 30d of receipt				
490	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit any glare complaints, including resolution and schedule.	Gavaldon	< 48hr of complaint receipt				
491	CEC		x	x	VIS-4	Reflective Glare Mitigation	Notify CPM resolution/implementation for glare complaints.	Gavaldon	< 48hr of resolution				
496	CEC		x		WASTE-1	Contaminated Soil Assessment and Remediation	If contaminated soil is found during construction, consult with Department of Toxic Substances Control, assess and remediate contamination in consultation with DTSC and with approval from CPM.	Gavaldon	Ongoing				
498	CEC		x		WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination results in stop-work call by PE or PG, notify CPM within 24hrs.	Gavaldon	< 24hr after stop work				
499	CEC		x		WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination is identified, the PE or PG must inspect and submit report to agencies any need for sampling/remediation.	Gavaldon	< 5d of receipt				
506	CEC		x	x	WASTE-7	Waste Management-related Enforcement Action Notification	Notify CPM of an impending waste-management enforcement action and owners response/resolution.	Gavaldon	< 10d of notification from authorities				
507	CEC				WASTE-8	Reuse/Recycling Plan	DELETED						
508	CEC			x	WASTE-9	Operation Waste Management Plan	Submit actual volume of waste generated and management methods used in each Annual Compliance Report.	Mosley	Annually				
511	CEC			x	WASTE-9	Operation Waste Management Plan	Update Operations Waste Management Plan as necessary.	Operations	Ongoing				
512	CEC			x	WASTE-10	HTF Contaminated Soil Hazard assessment	Document all HTF releases. If > 42 gallons, notify agencies and provide analysis of results in accordance with WASTE-10.	Operations	< 28d of release date				
512	CEC		x	x	WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Submit release/spill documentation . If the release was reported, include agency communication.	Operations	< 30d of release date				
514	CEC		x	x	WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Document, clean up, and dispose of hazmat released > EPA's reportable quantities in accordance with federal, state, and local requirements.	Operations	Ongoing				
530	CEC			x	Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	(if opted), provide letter of credit to RCFD annually.	NextEra	Annually at the start of operations				
532	CEC			x	Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Include joint exercise training documentation with the RCFD and other solar plants in the annual compliance report.	Operations	pt start of commissioning Annually				
534	CEC			x	Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Host the annual training on a rotating yearly basis with the other solar power plants.	Operations	Rotate annually				
535	CEC		x	x	GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO).	BV	< 30d of receipt				
536	CEC		x		GEN-1	2007 Ca Buidling Standards Code Compliance	Once the CO issued, notify CPM pt any addition, alteration, moving, demolition, repair, or maintenance on any portion(s) of the completed facility subject to CBO approval.	BV	> 30d pt activity				
537	CEC		x		GEN-1	2007 Ca Buidling Standards Code Compliance	Submit a statement that all facility designs, construction, installation, and inspection requirements of the LORS and CEC's decision have been met.	McCord	< 30d after receipt of CO				

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540	CEC	x	x	x	GEN-3	CBO Payments	Submit payments to the CBO in accordance with the agreement between the project owner and the CBO.	NextEra	ongoing				
553	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Notify the CPM of the CBO's approval of replacement inspector.	BV	< 5d of approval				
554	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	If the special inspector is reassigned or replaced, submit resume of replacement to CBO.	BV	< 5d of replacement				
555	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Special inspectors submit inspection reports to the CBO and RE.	BV	Ongoing				
639	CEC			x	TSE-7	ISO Notification	Submit telephone notification to the California ISO Outage Coordination Department	Operations	> 1d pt synchronizaiton		09/07/13		
640	CEC			x	TSE-7	ISO Notification	Submit to the California ISO a letter stating the proposed date of synchronization.	Operations	> 7d pt synchronizaiton		09/01/13		
641	CEC			x	TSE-7	ISO Notification	Submit a report of conversation with the California ISO.	Operations	> 1d pt synchronizaiton		09/07/13		
642	CEC			x	TSE-8	Code Compliance	Submit: a) "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in responsible charge. A statement attesting to conformance with codes and standards shall be provided concurrently. b) An "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in responsible charge or acceptable alternative verification. Retain "As built" drawings at the power plant and make available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan". c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Operations	< 60d after first synchronization		11/07/13		
556	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	The special inspector shall submit a final signed report to the RE, CBO, and CPM, stating compliance status.	BV	after construction completion		06/30/14		
559	CEC		x		GEN-7	Facility Design Discrepancy Documentation	If corrective action is not approved, advise CPM of the reason and the revised corrective action to obtain CBO's approval.	Koser	< 5d after CBO disapproval				
560	CEC		x		GEN-7	Facility Design Discrepancy Documentation	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work subject to CBO approval. Submit documentation to CBO for review and approval.	Koser	Ongoing				
561	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Retain one set of approved engineering plans, at the project site. Submit to the CPM a statement with location of stored documents.	Gavaldon					
562	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Submit to CBO statement of work completed, in conformance with plans and ready for inspection.	McCord	< 15d after construction completion		07/15/14		
564	CEC			x	GEN-8	As-builts, CBO Notification of Completion and Compliance	Provide CBO with a full set of electronic plans.	McCord	< 90d after construction completion		09/28/14		
565	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Notify the CPM after obtaining the CBO's final approval of work completed.	BV	< 15d after construction completion		07/15/14		
568	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	Submit modified plans to the CBO for review and approval based on these new conditions.	McCord	Ongoing				
569	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	Submit CBO approval of modified plans to CPM.	BV	< 24hr of approval				
570	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	RE to stop earthwork if he/she identifies unforeseen adverse soil or geologic conditions. Notify CPM within 24 hrs.	BV	< 24hr of discovery				
572	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Perform inspections in accordance with the 2007 CBC. Report any discrepancies immediately.	BV	Ongoing				
573	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	RE to submit a non conformance report (NCR) < 5d of discovery. Submit details of corrective action < 5d of resolution.	BV	< 5d of discovery				
575	CEC		x		CIVIL-4	Final Grading Plans - CBO submittal	After completion of finished grading and erosion and sedimentation	BV	< 30d completion of drainage work				
576	CEC		x		STRUC-1	CBO Submittals - Major Structure or Facility design Component, Statement of Submittal	control and drainage work, the project owner shall obtain the CBO's	McCord	< 30d after approval				
578	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	If NCR is disapproved the project owner shall notify the CPM within 5 days, the reason for the disapproval	Koser	< 5d of NCR				
580	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	The project Owner shall transmit a copy of the CBP's Approval or disapproval of the NCR corrective Action To the CPM within 15 days	Koser	< 15d CBO response				
581	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	Submit a copy of the NCR corrective action to the CBO and the CPM.	Koser	< 5d of resolution				
582	CEC		x		STRUC-3	CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs	Notify the CBO of any intended filing of design changes, and submit revisions on a schedule suitable to the CBO.	Watson	on a sched suitable to CBO				
588	CEC	x			STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Design tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC to comply with the requirements of that chapter.	McCord					
589	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Request CBO inspection of any such major piping or plumbing system.	McCord					

Mustard = Submitted and Approved Green = Submitted, waiting on approval Pink = Upcoming Submittals Light Blue = include in the MCR

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601	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	McCord					
603	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	At least 30d pt the start of each increment of electrical construction, submit to the CBO for design review and approval the listed documents.	McCord	> 30d pt start of each increment of construction		04/01/11		
604	CEC		x	x	ELEC-1	CBO Submittal - Electrical Equipment and Systems	Retain approved final plant design plans and calculations onsite for the life of the project.	Operations					
608	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit letter of any construction phase schedule changes.	SWCA	< 5d of identification				
609	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If construction proceeds in phases, submit maps and drawings.	SWCA	pt start of each increment of construction				
610	CEC		x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	PRS or PRM consult weekly with the superintendent or construction field manager to confirm upcoming activity locations.	SWCA	until gd is completed				
613	CEC		x		PAL-3	Paleontological Resources Monitoring and Mitigation Plan	Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager and the CPM.	SWCA	Ongoing				
615	CEC		x		PAL-4	Paleontological WEAP	If PRS determines that paleontological materials could be impacted, conduct weekly paleo training for all personnel supervising, directing or conducting ground-disturbing activity.	SWCA	weekly during gd				
617	CEC		x		PAL-4	Paleontological WEAP	Submit resume of any alternative paleo trainer (if applicable).	SWCA	Ongoing				
621	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any significant paleo resource encountered.	SWCA	< 24hrs upon discovery				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
622	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any noncompliance related to paleo resources.	SWCA	< 24hrs upon discovery				
623	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Implement PRMMP, maintain daily logs. Submit for approval any change in paleo monitoring plan.	SWCA	Ongoing				
624	CEC			x	PAL-6	Paleontological Resource Curation	Retain copies of signed contracts with the designated PRS and other specialists; also the Paleontological Resource Report.	Operations	3yr after construction completion		07/01/14		
625	CEC		x		PAL-6	Paleontological Resource Curation	Submit copy of letter to curating institution - if fossils found.	SWCA	Ongoing				
625	CEC		x		PAL-6	Paleontological Resource Curation	Ensure proper implementation of curation procedures according to the PRMMP Pay fees for curation of paleo materials. Submit letter of materials transmittal to the curation facility to CPM.	SWCA	Ongoing				
626	CEC		x		PAL-7	Paleontological Resoures Report	Submit a Paleontological Resources Report (PRR).	Tetra Tech	< 90d after gd		09/28/14		
629	CEC		x		TSE-2	Electrical Engineer - Staff Assignment Civil Engineer - Staff Assignment	Notify the CPM of the CBO's approval of the new engineer within five days of the approval.	Watson	< 5d of approval				
629	CEC		x		TSE-2	Electrical Engineer - Staff Assignment Civil Engineer - Staff Assignment	If an engineer is reassigned or replaced, submit resume of replacement.	Watson	< 5d of replacement				
631	CEC		x		TSE-3	Design Discrepancy Submittals	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work that has undergone CBO design review and approval. Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	BV	< 15d of receipt				
631	CEC		x		TSE-3	Design Discrepancy Submittals	If resolution is disapproved, advise the CPM the reason for the disapproval, along with the revised corrective action required to obtain the CBO's approval.	Koser	< 5d of notification				
634	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	Gavaldon					
635	CEC			x	TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Retain all plans, including changes, on site for one year after completion of construction.	Operations	1yr after construction completion		06/26/15		
643	CEC		x	x	TSE-8	Code Compliance	In case of non-conformance of Tline construction or operation, notify CPM and CBO and describe the corrective actions to be taken.	Watson	< 10d upon discovery				
643	CEC		x	x	TSE-8	Code Compliance	Inspect transmission line to ensure conformance with applicable codes and standards.	Watson	Ongoing				
644	CEC		x	x	COMPLIANCE-1	Unrestricted Access	Provide CEC staff and delegate agencies or consultants unrestricted access to the power plant site.	NextEra					
645	CEC		x	x	COMPLIANCE-2	Compliance Record	The project owner shall maintain project files on-site.	Operations					
646	CEC		x	x	COMPLIANCE-2	Compliance Record	Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Operations					
647	CEC	x	x	x	COMPLIANCE-3	Compliance Verification Submittals	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.	NextEra					
651	CEC			x	COMPLIANCE-7	Annual Compliance Reports	Submit Annual Compliance Reports instead of Monthly Compliance Reports.	Operations	Annually				
652	CEC	x	x	x	COMPLIANCE-8	Confidential Information	Submit confidential information to CEC Executive Director with a request for confidentiality.	Gavaldon	Ongoing				
654	CEC			x	COMPLIANCE-10	Planned Facility Closures	Submit a closure plan to the CPM.	Operations	> 12m pt closure				
655	CEC		x		COMPLIANCE-11	Unplanned Permanent Facility Closure	Submit an on-site contingency plan.	McCord	> 90d of CPM determination				
656	CEC		x		COMPLIANCE-12	Unplanned Permanent Facility Closure	In the event of an unplanned permanent closure, notify agencies take all necessary steps to implement the on-site contingency plan.	Gavaldon	< 24 hrs of closure				
657	CEC	x	x	x	COMPLIANCE-13	Post Certification Changes to the Decision	Petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	NextEra	Ongoing				
					AQ-8		See AQ-9						
					Gen 2		Revise list						
421B	CEC			x	Soil & Water-7	Septic System and Leach Field Reqs	Project Owner shall submit necessary information and fee to the County of Riverside. Written assessment Riverside County shall be submitted to the CPM for review and approval	Operations	30 days prior to operation				
92	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests within 60 days of construction completion. Document test data on a Form similar to EO VR-401-A Form 1	Air Subcontractor	Annually				

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

Genesis Solar Energy Project

BPC Master Equipment List

Equipment Type	Equip Number	Brand /Model	Registration Number	Expiration Date YYYYMMDD	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date
CAT 966K Loader	EW9X35	CAT	EW9x35	N/A	MME03058	2012	267	4	BPC	ARB, Inc	2/27/2012	
Backhoe 420E	RLF1940	CAT	UJ5H37	N/A	C4E17607	2011	89	3	BPC	ARB, Inc	3/23/2012	
Backhoe 420E	392086	CAT	AY7P48	N/A	CAT0420ETHLS02145	2006	93	3	BPC	ARB, Inc	4/20/2012	
Backhoe 420E	392092	CAT	KX8H98	N/A	CAT0420EEPRA00367	2009	93	3	BPC	ARB, Inc	5/1/2012	
10K Sky Trac	343891	SKYTRAK	HF5G53	NA	0160040952	2011	109	3	BPC	Sunbelt Rental	3/5/2012	5/6/2013
10K Sky Trac	321505	SKYTRAK	FG7H48	NA	0160039955	2010	110	3	BPC	Sunbelt Rental	3/6/2012	
20K Forklift Hyster 210	07-792	Hyster	EJ9A88	N/A	D019D02307U	2007	155	3	BPC	Sunbelt Rental	3/6/2012	
75KV generator	358392	MQ POWER	155110	20140731	7351646	2011	97	3	BPC	Sunbelt Rental	4/11/2012	
45KV generator	368855	MQ POWER	155937	20140831	8202290	2011	75	4I	BPC	Sunbelt Rental	4/11/2012	5/8/2013
10K Sky Trac 10054	381629	SKYTRAK	WW9J44	NA	0160036743	2008	82	3	BPC	Sunbelt Rental	4/9/2012	
10K Sky Trac 10054	381631	SKYTRAK	DM3H74	NA	0160034877	2008	110	3	BPC	Sunbelt Rental	4/9/2012	
10K Sky Trac 10054	321673	SKYTRAK	TN7C35	NA	0160039953	2010	110	3	BPC	Sunbelt Rental	3/30/2012	4/17/2013
10K Sky Trac 10054	381639	Cummins	CG5V33	41274	15516	2010	110	3	BPC	Sunbelt Rental	4/25/2012	
10K Sky Trac 10054	348226	SKYTRAK	LL6B53	NA	0160040955	2011	110	3	BPC	Sunbelt Rental	5/15/2012	
T-800 Water Truck	213015	Kenworth	8N99354	8/13/0000	1NKDLU0XX4R052569	2003	375	3	BPC	ARB, Inc	5/24/2012	
56KV generator	338255	MQ POWER	154840	20140630	7351550	2011	97	3	BPC	Sunbelt Rental	5/29/2012	
36KV generator	368854	MQ POWER	155936	20140831	8202291	2011	75	4I	BPC	Sunbelt Rental	5/29/2012	
100KW Diesel Generator	349720	MQ POWER	155090	20140731	7510368	2011	179	3	BPC	Sunbelt Rental	8/3/2012	
10K Shooting Boom Forklift	381645	SKYTRAK	XV9H65	NA	0160034533	2008	110	3	BPC	Sunbelt Rental	8/3/2012	6/17/2013
10K Shooting Boom Forklift	454967	SKYTRAK	XB3W68	NA	0160046153	2012	100	4I	BPC	Sunbelt Rental	8/28/2012	
100KW Diesel Generator	475209	MQ POWER	132956	7/31/2015	7800205	2011	166	3	BPC	Sunbelt Rental	8/3/2012	8/6/2013
45 Ton TEREX Crane	BE4512	RT345-1XL	MT8A46	7/31/2015	160952	2012	160	4	BPC	Carde Pacific	9/3/2012	
60' Art Manlift	240647	JLG	N/A	N/A	300134002	2009	82	3	BPC	Sunbelt Rental	9/28/2012	
56KW Generator	119856	MQ POWER	135311	1/31/2013	8800877	2011	90	3	BPC	Sunbelt Rental	10/10/2012	
56KW Generator	119866	MQ POWER	135313	1/31/2013	8800886	2011	90	3	BPC	Sunbelt Rental	10/10/2012	
56KW Generator	467640	MQ POWER	159017	20150731	8802292	2011	98	3	BPC	Sunbelt Rental	10/10/2012	
3394RT Scissor Lift	247011	JLG	N/A	N/A	0200191193	N/A	82	3	BPC	Sunbelt Rental	10/10/2012	
3394RT Scissor Lift	249299	JLG	N/A	N/A	0200191618	N/A	82	3	BPC	Sunbelt Rental	10/11/2012	
3394RT Scissor Lift	248357	JLG	N/A	N/A	0200190911	N/A	82	3	BPC	Sunbelt Rental	10/19/2012	

Genesis Solar Energy Project

BPC Master Equipment List

Equipment Type	Equip Number	Brand /Model	Registration Number	Expiration Date YYYYMMDD	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date
56KW Generator	494444	MQ POWER	159997	20150831	7352686	2012	98	4I	BPC	Sunbelt Rental	10/11/2012	
100KW Diesel Generator	113625	MQ POWER	134361	8/31/2015	8500589	2012	123	4	BPC	Sunbelt Rental	10/11/2012	
56KW Generator	467644	MQ POWER	159018	20150731	8802310	2011	98	3	BPC	Sunbelt Rental	10/11/2012	
3394RT Scissor Lift	178912	JLG	N/A	N/A	0200173593	N/A	82	3	BPC	Sunbelt Rental	10/30/2012	
10K Sky Trac	456904	SKYTRAK	HA9T99	NA	160046127	2012	110	3	BPC	Sunbelt	10/8/12	
10k 55' Boom Forklift	381627	SKYTRAK	VR8X43	NA	0160035426	2008	110	3	BPC	Sunbelt	1/2/13	
10k 55' Boom Forklift	381624	SKYTRAK	FK7D56	NA	0160034918	2008	110	3	BPC	Sunbelt	1/2/13	6/10/2013
10K 55' Shooting Boom Forklift	510424	SKYTRAK	BH4V73	NA	160049877	2011	110	3	BPC	Sunbelt	1/7/13	
10K SKY TRAC 10054	381625	SKYTRAK	TW7C45	NA	0160035842	2008	110	3	BPC	SUNBELT	4/25/12	
Hyster Staight Mast Cap 18,000	07-790	Hyster	EJ7J49	NA	H007E01776E	2007	155	3	BPC	Sunbelt		
Hyster Staight Mast Cap 18,000	03-244	Hyster	PH6H86	NA	G019E02241F	2008	155	3	BPC	Sunbelt		
10K 55' Shooting Boom Forklift	225991	SKYTRAK	WJ6A97	NA	0160036122	2008	110	3	BPC	Sunbelt	1/7/13	4/17/2013
10K 55' Shooting Boom Forklift	510425	SKYTRAK	ER5X38	NA	0160049879	2012	110	4I	BPC	Sunbelt		
10K 55' Shooting Boom Forklift	381615	SKYTRAK	TU7C34	NA	0160034092	2008	110	3	BPC	Sunbelt	11/23/12	
10k 55' Boom Forklift	440445	SKYTRAK	JN5W34	NA	0160045838	2012	110	4I	BPC	Sunbelt	1/28/13	5/6/2013
10K Sky Trac 10054	460412	SKYTRAK	SC7C56	NA	0160046155	2011	109.9	3	BPC	Sunbelt	12/17/12	5/31/2013
40' Elect Manlift Narrow Jib	480303	JLG	ELECTRIC	NA	0300099609	ELECTRIC	ELECTRIC	3	BPC	Sunbelt	3/1/13	5/22/2013
12K 55' Shoting Boom Forklift	446816	SKYTRAK	MT5B35	NA	0160045916	2012	130	4I	BPC	Sunbelt	4/19/13	
10k 55' Boom Forklift	381624	SKYTRAK	FK7D56	NA	0160034918	2008	110	3	BPC	Sunbelt	4/23/13	
30-33' RT SCISSOR 4WD DF	183258	JLG	pllicable. Dual fuel unit.	NA	125606	2011	67	4I		Sunbelt	5/17/13	
4400LB 16' SHOOTING BOOM FORK	187863	JCB	LE9F58	NA	U538865V	2011	83	3		Sunbelt	5/7/13	6/10/2013
4400LB 16' SHOOTING BOOM FORK	232894	JCB	TE9P76	NA	46904990	2008	82	3		Sunbelt	5/7/13	
10,000LB 55' SHOOTING BOOM FORK	381629	SKYTRAK	WW9J44	NA	46904990	2008	82	3		Sunbelt	5/7/13	

$1/1/2$

Equipment Type	Brand/Model	CA ARB Registration Number	Expiration Date	Vehicle Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demob. Date
10K Reach Forklift	Skytrak10054	WV7G87	n/a	160045259	2012	85	4	SPX	United Rental	4/17/12	2/1/13
Aerial Lift	JLG 600S-D-4WD	JA3S89	n/a	300100537	2006	65	2	SPX	United Rental	4/9/12	5/9/12
12K Reach Forklift	JLG G12-55A-CAB	WS4U93	n/a	160042642	2011	130	3	SPX	United Rental	4/16/12	
10K Reach Forklift	SkyTrak10054	NL5S46	n/a	160028758	2006	110	3	SPX	United Rental	3/30/12	8/2/12
10K Reach Forklift	SkyTrak10054-CAB	MG7N93	n/a	160045262	2012	85	4	SPX	United Rental	4/17/12	8/14/12
90T Hydraulic Crane	Link Belt RTC 8090 II	PW7X77	n/a	N4J9-1414	2008	275	3	SPX	Bragg Crane	4/19/12	
Skid Steer Loader	Bobcat T190	JP8A55	n/a	A3LN40197	2011	66	4	SPX	United Rental	4/2/12	8/2/12
Crawler Crane	Manitowoc 2250	UN4J99	n/a	2251187	2004	500	2	SPX	Bragg Crane	4/20/12	5/23/13
Aerial Lift	Genie S80	SP9S45	n/a	S8006-5239	2008	69	3	SPX	United Rental	5/9/12	8/2/12
Aerial Lift	JLG 1200S	LX7E63	n/a	300108357	2007	87	4	SPX	United Rental	5/9/12	5/25/12
Aerial Lift	JLG 860S	WK3P33	n/a	300087288	2005	64.5	4	SPX	United Rental	5/9/12	8/11/12
Off H-Way Truck	YT30	LG4V94	n/a	305188	2002	148	3	SPX	United Rental	5/16/12	4/1/13
Aerial Lift	Genie S85D-4WD	MB9A48	n/a		2001	53	4	SPX	United Rental	5/25/12	8/12/12
Crane	Tadano GR150XL-1	GK4C54	n/a	FD1373	2006	135	3	SPX	Bragg Crane	6/1/12	4/10/13
Crawler Crane	Liebherr LR 1160	EW4G63	n/a	134105	2007	362	3	SPX	Bragg Crane	6/1/12	4/10/13
Aerial Lift	Snorkel TB80	EB3J97	n/a	JA07011	2006	64	4	SPX	United Rental	6/6/12	6/11/12
Forklift	Doosan D130S-5	FU8T96	n/a	FDCO2-1270-00441	2012	138	3	SPX	United Rental	3/30/12	8/2/12
Aerial Lift	JLG 600S	GP4P96	n/a	300068195	2002	64	4	SPX	United Rental	6/11/12	7/23/12
Aerial Lift	Genie S60X	JL4L53	n/a	1121723	2010	48.6	4	SPX	United Rental	6/11/12	10/10/12
Aerial Lift	JLG 860SJ	VA5H57	n/a	300140695	2010	62	4	SPX	United Rental	6/8/12	7/27/12
Aerial Lift	Genie S85-D-4WD	HA3V64	n/a	S8008-7276	2008	74	3	SPX	United Rental	6/11/12	
Aerial Lift	Genie S-40	PG4E79	n/a	S4005-8825	2005	48	3	SPX	United Rental	6/12/12	10/9/12
Aerial Lift	Genie S-85	BA7H58	n/a	S8512-9424	2012	74	4	SPX	United Rental	6/26/12	6/1/13
Aerial Lift	JLG 600S	TE7W96	n/a	300160743	2012	49	4	SPX	United Rental	7/13/12	8/2/12
Aerial Lift	Genie S120-D-4WD	LP5R53	n/a	S12005-1090	2005	74	3	SPX	United Rental	7/29/12	8/23/12
Aerial Lift	Genie S125-D-4WD	BA4U44	n/a	S12511-3021	2010	78	3	SPX	United Rental	12/10/12	
90T Hydraulic Crane	Link Belt RTC-8090_II	LV6S67	n/a	N4J9-0909	2008	275	3	SPX	Bragg Crane	7/27/12	10/1/12
12K Reach Forklift	JLG G12-55A_HVY_DTY	MN3A47	n/a	160041880	2011	130	3	SPX	United Rental	8/2/12	
10K Reach Forklift	JLG 10054	AR8H47	n/a	160047046	2012	75	3	SPX	United Rental	8/14/12	6/10/13
Tractor	Deere 210LJ	EP9H67	n/a	1T0210LJJB089	2011	75	3	SPX	United Rental	8/14/12	2/1/13
Aerial Lift	Genie S-125	NR3S59	n/a	S12511-2966	2010	74	3	SPX	United Rental	8/23/12	4/8/13
Aerial Lift	Genie S-125	NJ3W39	n/a	S12511-2974	2010	75	3	SPX	United Rental	8/14/12	10/9/12
Aerial Lift	JLG 1200SJP	EM7F54	n/a	300156959	2011	75	3	SPX	United Rental	8/29/12	4/10/13
90T Hydraulic Crane	Link Belt RTC-8090_II	UT4J94	n/a	N4J91312	2008	275	3	SPX	Bragg Crane	10/1/12	1/5/13
Aerial Lift	JLG 860SJ	JV3E73	n/a	300162263	2012	62	4	SPX	United Rental	10/9/12	3/3/13
Aerial Lift	Genie S-85	H59W65	n/a	S8511-8742	2010	74	3	SPX	United Rental	12/10/12	3/3/13
12K Reach Forklift	JLG G12-55A-CAB	BF5N78	n/a	160045671	2012	130	3	SPX	United Rental	12/17/12	3/3/13

**Genesis Solar Energy Project
Master Equipment List**

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Drive Engine	CAT C7 Acert	148483	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Drive Engine	CAT C7 Acert	148484	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Air Compressor	Atlas Copco	152484	8/31/2013	JPEC-0005	NA	NA	III	SouthWest Drilling	CAT/Johnson	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Engine	DDC Diesel	130415	3/31/2014	NA	NA	NA	III	SouthWest Drilling	ARB Portable Equipment	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Sweeper	Broce Broom	VH3U58	NA	807664	2010	84	III	Sukut	RSC	(Recorded 9/20/2011)		
Dozer	CAT 834B	CS8P98	NA	34-07	2007	475	III	Sukut	Sukut	9/19/2011	3/22/2012	
Dozer	CAT 824C	YA9K67	NA	24-12	2007	354	III	Sukut	Sukut	9/29/2011		
Motor Grader	CAT 16G	SC5M77	NA	2801-16	2009	297	III	Sukut	Sukut	10/6/2011		
Scraper	CAT 657	PC8Y97/HB3 G78	NA	57-21	2007	600	III	Sukut	Sukut	(Recorded 9/20/2011)	4/9/2012	Removed from site
Backhoe	CAT 692	KK7C43	NA	430-D	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Motor Grader	CAT 140H	UN7F66	NA	4068	NA	NA	III	Sukut	Miller Blades	(Recorded 9/20/2011)	9/23/2011	Removed from site.
Scraper	CAT 657	TH4G47/UK3 K99	NA	57-22	2010	440	III	Sukut	Sukut	9/28/2011	4/20/2012	
Scraper	CAT 657	XK3J33/GP8T 95	NA	57-60	2007	440	III	Sukut	Sukut	9/28/2011	4/11/2012	
Scraper	CAT 657	DF9C83/DG6 M34	NA	57-66	2006	600	III	Sukut	Sukut	9/28/2011	4/12/2012	
Scraper	CAT 657	VT6M63/FJ6T 95	NA	57-63	2006	440	III	Sukut	Sukut	9/29/2011	4/20/2012	
Scraper	CAT 657	RX8U86/NP6 Y75	NA	57-33	2007	440	III	Sukut	Sukut	9/29/2011	4/10/2012	
Scraper	CAT 657	AF3R99/AN5 G44	NA	57-28	2010	440	III	Sukut	Sukut	9/30/2011	4/13/2012	
Scraper	CAT 657	CWSY75/GJ9 T48	NA	57-29	2010	440	III	Sukut	Sukut	10/4/2011	4/10/2012	
Scraper	CAT 657	KG5B54/SG3 N43	NA	57-64	2010	440	III	Sukut	Sukut	10/4/2011		
Water Wagon	CAT 651	CF4M43	NA	51-83	2006	540	III	Sukut	Sukut	9/29/2011	4/4/2012	
Skiploader	John Deere	NA	NA	NA	NA	NA	III	Sukut	Sukut	9/19/2011	9/28/2011	Used less than 10 days onsite.
Skiploader	CAT 414E	ME7J57	NA	NA	NA	NA	III	Sukut	United Rentals	10/12/2011	11/3/2011	
Scraper	CAT 623	XE5H67	NA	NA	1985	350	III	Sukut	Sukut	9/28/2011		
Motor Grader 16G	CAT 16G	HK8W79	NA	NA	2009	298	III	Sukut	Miller Blades	9/19/2011		
Dozer	CAT D9T	EV5K99	NA	90-34	2005	410	III	Sukut	Sukut	9/28/2011	3/8/2012	
Skiploader	CAT 414E	CL7M35	NA	NA	2007	78	III	Sukut	Sukut	9/27/2011	10/7/2011	Removed from site
Generator	Atlas Copco QAS-30	645888	NA	645888	NA	NA	NA	Sukut	RSC	(Recorded 9/20/2011)	10/1/2011	Removed from site
Generator	Airman -SDG605	1473A20166	NA	689	NA	NA	NA	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site
Generator	Kohler 400 Kw	138194	5/31/2013	403015	NA	99	III	Sukut	Kohler Rental	(Recorded 9/20/2011)		WI Lic. Plate 555501
Generator	MQ Power	147014	3/31/2012	1101821	NA	NA	III	SouthWest Drilling	United Rentals	(Recorded 9/20/2011)	10/1/2011	Removed from site

Genesis Solar Energy Project
Master Equipment List

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Generator	NA	148485	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	removed from site
Generator	Kohler 400 Kw	138189	5/31/2013	403010	NA	99	III	Sukut	RSC	10/1/2011		
Generator	MQ Power 400 Kw	143594	5/31/2014	2263	NA	NA	III	Sukut	RSC	10/11/2011	1/30/2012	
Motor Grader	CAT 140H	LJ6V63	NA	NA	NA	NA	III	Sukut	Miller Blades	10/17/2011	10/24/2011	
Scraper	CAT 613	FW6W46	NA	NA	NA	NA	III	Sukut	Miller Blades	10/17/2011	11/14/2011	
Backhoe	CAT 420E	GH8F30	NA	NA	NA	NA	III	Sukut	United Rentals	10/12/2011		
Roller	BOMAG 177D	HV4A78	NA	NA	NA	NA	III	Sukut	United Rentals	10/20/2011	10/21/2011	
Motor Grader	CAT 16G	VX6L67	NA	NA	NA	NA	III	Sukut	Miller Blades	10/25/2011		
Scraper	CAT 657	WN3G47/TP5 D95	NA	57-59	NA	440	III	Sukut	Sukut	10/25/2011		
Scraper	CAT 657	VR9W59/DU 7M84	NA	57-41	NA	440	III	Sukut	Sukut	10/28/2011		
Scraper	CAT 657	XG9N34/NY8 599	NA	57-40	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Scraper	CAT 657	NX6E67/XF4 H83	NA	57-56	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Skiploader	CAT 414E	KF6F93	NA	NA	2007	78	III	Sukut	Sukut	11/3/2011		
Water Pull	CAT	EINUN7B76	NA	NA	NA	NA	III	Sukut	Sukut	11/4/2011		
Scraper	CAT 657	LK5B78/PP9G 75	NA	57-41	NA	440	III	Sukut	Ren Trac	11/9/2011	4/12/2012	
Scraper	CAT 657	GW6L96/PG6 J43	NA	1265	NA	440	III	Sukut	Rent Trac	1/9/2012		
Scraper	CAT 657	TP8386/4F55 38	NA	1257	NA	440	III	Sukut	Rent Trac	1/9/2012		
Scraper	CAT 657	GT4449/T4G N36	NA	1229	NA	440	III	Sukut	Rent Trac	1/10/2012		
Scraper	CAT 657	PD6T47/TM7 F56	NA	1248	NA	440	III	Sukut	Rent Trac	1/10/2012		
Scraper	CAT 657	XC3E93/VX8L 63	NA	1355	NA	440	III	Sukut	Rent Trac	1/11/2012		
Generator	70 Kw	140035	NA	701672	NA	NA	III	Sukut	RSC	11/15/2011	1/13/2012	
Forklift	Skytrack JLG	NL5346	NA	NA	NA	NA	NA	Sukut	RSC	11/10/2011	3/26/2012	
Backhoe	JD 310	XK3X55	NA	NA	NA	NA	III	Sukut	RSC	11/30/2011	1/13/2012	
Skiploader	JD 210	NA	NA	NA	NA	NA	III	Sukut	RSC	11/12/2011	3/5/2012	
Water Wagon	CAT 651	FRX8T76/R43 TG49	NA	37-05	NA	NA	III	Sukut	Sukut	1/3/2012	4/6/2012	
Generator	500 Kw	139957	8/31/2013	55-500	NA	NA	III	Sukut	RSC	1/3/2012		
Scraper	CAT 623	SF9V87	NA	1	NA	NA	III	Sukut	Miller Blades	1/16/2012		



ENERGY & INFRASTRUCTURE

[illegible]

Appendix B

Biological and Botany Reports

BIO-8: Impact Avoidance and Minimization Measures

BIO-19: Special-Status Plant Impact Avoidance, Minimization and Compensation

**GENESIS SOLAR ENERGY PROJECT
BIOLOGICAL RESOURCES
MONTHLY COMPLIANCE REPORT
FOR JULY 2013**



Prepared for:

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July 2013

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INTRODUCTION

AECOM biologists are performing biological resource construction monitoring for the Genesis Solar Energy Project (Project or GSEP) on behalf of Genesis Solar, LLC. The GSEP construction activities are currently focused on the Plant Site (approximately 1,727 acres), Gas Line, and Access Road completion. Surveys for the gas line, and access road completion were completed for construction outside the permanent fence. Monitoring of these facility areas are being conducted in compliance with the following agency approvals and permits issued for the Project.

- California Energy Commission's (CEC's) Final Conditions of Certification (COCs) (Genesis Solar Energy Project Final Decision, CEC-800-2010-011-CMF, 09-AFC-8 September 2010)
- Genesis Solar Energy Project Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP, Docket Number 09-AFC-8, January 2011) and appended Compliance Plans:
 - Weed Management Plan (Appendix C.1 of BRMIMP)
 - Revegetation Plan (Appendix C.2 of BRMIMP)
 - Couch's Spadefoot Toad Protection and Mitigation Plan (Appendix C.3 of BRMIMP)
 - Desert Tortoise Translocation Plan (Appendix C.4 of BRMIMP)
 - Burrowing Owl Relocation and Mitigation Plan (Appendix C.5 of BRMIMP)
 - Golden Eagle Monitoring and Management Plan (Appendix C.7 of BRMIMP)
 - Common Raven Monitoring, Management, and Control Plan (Appendix C.8 of BRMIMP)
- U.S. Fish and Wildlife Service (USFWS) Section 7 Biological Opinion (BO) on the Genesis Solar Energy Project No. FWS-ERIV-08B0060-10F0878 (November 2, 2010)
- Bureau of Land Management (BLM) Right of Way (ROW) Grant, Serial Number CACA-048880 (November 30, 2010)
- Record of Decision (ROD for the Genesis Solar Energy Project and Amendment to the California Desert Conservation Area Plan, October 2010

This report documents compliance monitoring activities conducted in July 2013. The following biological surveys and monitoring took place in July 2013:

- Weekly reconnaissance for ravens, focusing on potential subsidies; and, daily recording of raven sightings.
- Biological monitoring of the Plant Site, Gas Line and Access Road.
- Monthly Evaporation Pond Monitoring (BIO – 21)

Wildlife species observed and photos taken during these activities are provided in Attachment 2 and Attachment 3, respectively.

PROJECT LOCATION AND DESCRIPTION

The Project site is located in the Riverside County, California between the community of Desert Center and the city of Blythe. The Project is located on land owned by the federal government and managed by the BLM, pursuant to an ROW grant issued to Genesis Solar from BLM and the power plant certification issued by CEC. The total Project Disturbance Area (at build out) will be approximately 1,819.5 acres.

The Project is a concentrated solar electric generating facility that will use parabolic trough technology to generate electricity. The Project consists of two independent concentrated solar electric generating facilities with a nominal net electrical output of 125 megawatts (MW) each, (Units 1 and 2), for a total net electrical output of 250 MW. The Plant Site includes the solar arrays, power blocks, power generating equipment, support facilities, and evaporation ponds. The Linear Facilities include a transmission line, distribution line, natural gas pipeline, and a main access road.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Biological mitigation measures for the GSEP site were developed through consultation with CEC, the California Department of Fish and Wildlife (CDFW), USFWS, and BLM. Biological mitigation measures and permit conditions were implemented under the guidance and direction of the Project Designated Biologist (DB), with assistance from approved Biological Monitors (BMs), as required.

During July 2013, Project activities were in compliance with the COCs that apply to the construction activities.

SUMMARY OF ACTIVITIES

Weekly activities for the month consisted of:

- General Construction Monitoring
 - Monitored Plant Site – General site activities including powerblocks one and two construction, mirror installation, piping and, laydown yard activities. All Plant Site construction activities occurred within the desert tortoise (DT) exclusion fencing. There were reports of foxes on site. Attempts to identify ingress and egress points are being made. There has been an emphasis on gate closures. No other special status species sightings were observed on site during the month of July. The temporary exclusion 6' high chain link fence installed in February 2013 around a pipe laydown to discourage fox use remained in place. The majority of the pipe within the laydown area has been removed and the area is monitored on an incidental basis. Neither DKF nor fox sign were observed within the temporary exclusion fence. Mirror fields were monitored as part of general site monitoring. Bird injuries and mortalities were reported and the information for each incident is summarized in Attachment 4. No DT, American badger (AB), Couch's spadefoot toad (CST), or nesting birds were detected during monitoring on site. Variance approved night time work continued on site. A biologist is not required to be on site during night time construction but is required to be on-call. Litter and uncovered dumpsters were brought to the attention of the compliance team and efforts were made to properly cover dumpsters and remove litter.
 - Monitored the Access Road for roadkill and vehicle compliance. Roadkill was removed from the road and disposed of in accordance with agency approved methods (i.e., burial). The majority of plant traffic obeyed speed limits during July 2013. Speeding vehicles, if observed, were reported to the Environmental Compliance Manager and/or construction managers. Drivers observed speeding were held accountable by contractors. Vehicle speed and speed limits were discussed with contract personnel to reinforce compliance. Daytime and nighttime speed limits continued to be in effect. (Genesis (09-AFC-08) GSEP PMI Night Work, VIS-2/BIO-8, CPM approval) The daytime (05:45 to 19:30) speed limit is 45 MPH. The nighttime (19:31 to 05:44 speed limit is 25 MPH. A one thousand foot 24 hour 25 MPH zone established along the west end of the paved access road in the vicinity of a natal DKF den. Monitored access road completion activities outside of the tortoise exclusion

fence. The ground beneath equipment parked outside the tortoise exclusionary fence was inspected for wildlife and the areas of construction were surveyed for sensitive species prior to construction activities. No sensitive species were found during access road installation activities during the month of July.

- Monitored gas line installation activities outside of the tortoise exclusion fence. The ground beneath equipment parked outside the tortoise exclusionary fence was inspected for wildlife and the areas of construction were surveyed for sensitive species prior to construction activities. No sensitive species were found during gas line installation activities during the month of July.
- BMs monitored dust suppression activities and water activities that had potential to result in ponding water. These activities were monitored daily to verify that ponding water was minimized and that water was spread and mixed with soil to prevent raven and other predator attraction. Ponding water at water tanks was minimized by scheduled water tank pad maintenance. A discharge plan is in development for future water discharge events including a water discharge that occurred into a Heat Transfer Fluid (HTF) pit following input from the agencies to the Genesis compliance team. Compliance team agreements with the agencies included netting and pumps. These agreements have been reviewed with the compliance team. In accordance with conditions, if reportable spills occurred, contaminated soils from spills and drips were reported to DB and cleaned up. The contaminated soil associated with HTF will be disposed of in accordance with the conditions at the onsite bioremediation area. No HTF leaks or contaminated soil were reported to the DB requiring action. No biological resources were impacted and cleanup was managed by the compliance team.
- Evaporation Pond Monitoring

One day per month operational evaporation ponds are monitored. Monitoring for bird activity and mortalities is conducted for two hours in the morning, one hour mid-day, and two hours in the evening. The ponds are checked on a more frequent incidental basis for presence of general wildlife and need for repair. Areas requiring repair were identified and reported to compliance. Three bird mortalities (species: Cliff swallow, Yellow headed blackbird, and American kestrel) occurred in July 2013 associated with the evaporation pond netting. However, the remains of the May 2013 pied-billed grebe mortality (previously reported) were still present.

-
- **Exclusion Fence Monitoring**
 - The temporary tortoise exclusion fence was inspected on a weekly basis. The fence was intact and no breaches were found during July 2013.
 - The DT grate at the Plant Site entry from the access road was inspected on a daily basis and maintenance (e.g., removal of soil build-up) was performed when necessary. The DT grate was intact and functional during July 2013.
 - Construction of the permanent DT exclusion fence around the plant site is almost complete. The temporary exclusion fencing is still in place and is located outside the permanent fence. The temporary fencing is inspected routinely. The permanent fencing will be inspected routinely upon removal of the temporary fencing. Occasional inspections of the permanent fencing occur as-needed to confirm integrity (i.e., after completion of new sections, gate installations, repairs, and fox sightings).
 - **Raven Monitoring**
 - Monitors recorded incidental raven observations and activities during general construction monitoring. Typically, ravens were observed perched on power poles or flying in the common area or parking areas.
 - Biweekly point count surveys were conducted. The results from the raven surveys are reported below. Biweekly raven counts will continue throughout the construction phase. No raven nesting sites have been observed. Potential subsidies (i.e., possible nesting, ponded water, roadkill) were monitored per the Raven Plan.
 - **Monitoring of ESAs**
 - All construction activities, with the exception of, gas line installation, transmission pole installation, and maintenance of unpaved portions of the access road occurred within the Plant Site.
 - All biological ESAs are outside of the tortoise exclusionary fencing. ESAs along access road are marked.
 - **Special Status Species Surveys and Monitoring**
 - DKF monitoring with wildlife cameras and radio telemetry was conducted on behalf of CDFW and BLM. This monitoring effort is in support of a CDFW and BLM study and is not part of the Project monitoring requirements.

Therefore, data and information from these monitoring efforts are not reported further in the MCR.

- One former DKF location is being monitored on site. A temporary exclusionary fence has been installed around the pipe laydown yard location which the foxes had been using. The pipe laydown yard is being monitored.

SURVEY METHODS AND RESULTS

Pre-construction surveys have been completed and the GSEP site is in the construction phase. Results of the transmission line, fiber optic line and gas line surveys are summarized upon completion and submitted to the agencies as required. Limited work occurred outside the fence in the month of July requiring surveys (surveys were only conducted for limited gas line activities). Special status species observations (e.g., nesting birds and potential DKF burrows) were reported to the resource agencies prior to construction activities to obtain concurrence on buffers and monitoring as required by the conditions. Surveys conducted during construction per the COCs are summarized below and include nesting birds (as-needed), raven monitoring, and golden eagle surveys as appropriate. Survey methods and results for activities conducted during July 2013 are summarized below.

Nesting Bird Surveys

Nesting bird surveys were completed for the terminus of the gas line construction and access road paving completion. Nests found during previous surveys were monitored. Avoidance, minimization, and monitoring measures proposed in the nesting reports have been implemented during off site construction. Overall monitoring and work procedure planning was effective in preventing impacts to nesting behavior. It does not appear as if there were any nest failures as a result of construction activities.

Raven Surveys

Raven observations were recorded daily during construction activities and were recorded on the Daily Monitoring Log. Monitoring focused on potential subsidies such as waste disposal areas

and staged equipment. There were approximately 78 incidental raven sightings during 21 monitoring days. This represents a month-over-month increase¹ in incidental raven observations.

Formal raven monitoring in accordance with the COCs consisted of monthly and bi-weekly surveys per the Raven Plan. There are seven raven monitoring point locations (Attachment 1). Ravens recorded are within an 800m radius. Zero ravens were observed during the July 10 survey and zero ravens were observed during the July 23 survey. Two ravens were observed during the previous monthly raven count surveys.

One raven nest was detected during May 2013 and is being monitored by the DB and/or BMs for sign of DT predation per the Raven Monitoring, Management, and Control Plan.

Avian Mortality Monitoring

Avian mortality monitoring is not required until the operations phase; however, incidental observations and reports to the DB and BMs of avian injuries and mortalities are recorded consistent with the Avian Protection Plan data collection requirements, and management of the incidents (mortalities and injuries) is coordinated with the both USFWS and CDFW.

WEED AND ESA MONITORING

Sahara Mustard (*Brassica tournefortii*) plants were observed within the Plant Site channel and disturbance areas along the access road. Spot treatment within permanent and temporary disturbance areas was recommended in accordance with the Weed Management Plan; however, chemical treatment cannot occur until BLM approval is obtained. A Pesticide Use Proposal (PUP) was prepared for submittal to the BLM for authorization to apply herbicide to these areas. However, additional NEPA analysis was determined by the BLM to be necessary for application of herbicides at the project site. The NEPA analysis (Environmental Assessment) for the BLM PUP was submitted to BLM on May 14, 2012. It is understood that the PUP and EA have been forwarded to the State BLM office for approval as of the end of the November 2012 period. BLM review and approval is still pending. A treatment plan prepared in accordance with the Weed Management Plan will be ready for implementation in fall 2013 pending BLM approval of the PUP if weeds are present in disturbance areas at that time.

¹There were approximately 65 incidental raven sightings in June 2013. As a note, incidental raven sightings do not provide an accurate assessment of raven population changes. They are incidental sightings only and do not represent independent sightings.

It is understood that ESA monitoring by the Designated Botanist (Alice Karl) occurred weekly during construction activities. ESAs appear to have been avoided.

WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)

As required by COC BIO-6, all new employees/field staff reporting to the site must receive the Worker Environmental Awareness Program (WEAP) training prior to start of work. Permanent employees are also subject to annual WEAP training. All personnel reporting to the field in July received WEAP training. WEAP training records are maintained onsite by the site Environmental Compliance Manager.

GENERAL DAILY NOTES AND OBSERVATIONS

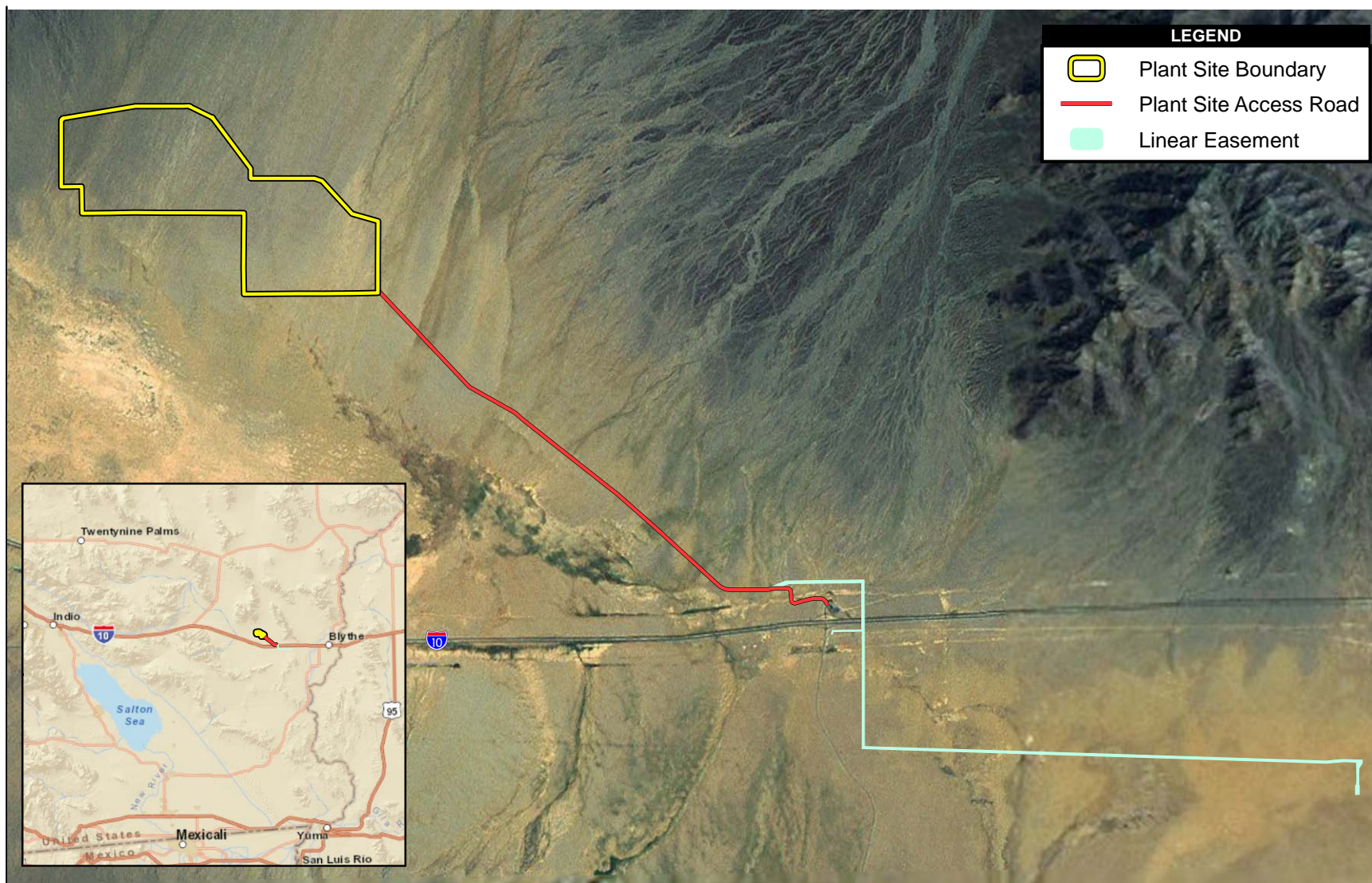
Daily notes detailing compliance monitoring activities are provided in the forms attached (Attachments 3 and 4).




REFERENCES

Not applicable during this reporting period.

ATTACHMENT 1

FIGURES



LEGEND	
	Plant Site Boundary
	Plant Site Access Road
	Linear Easement

Source: GSEP 2012; AECOM 2012; i-cubed 2010; ESRI 2012



7,500 0 7,500 Feet

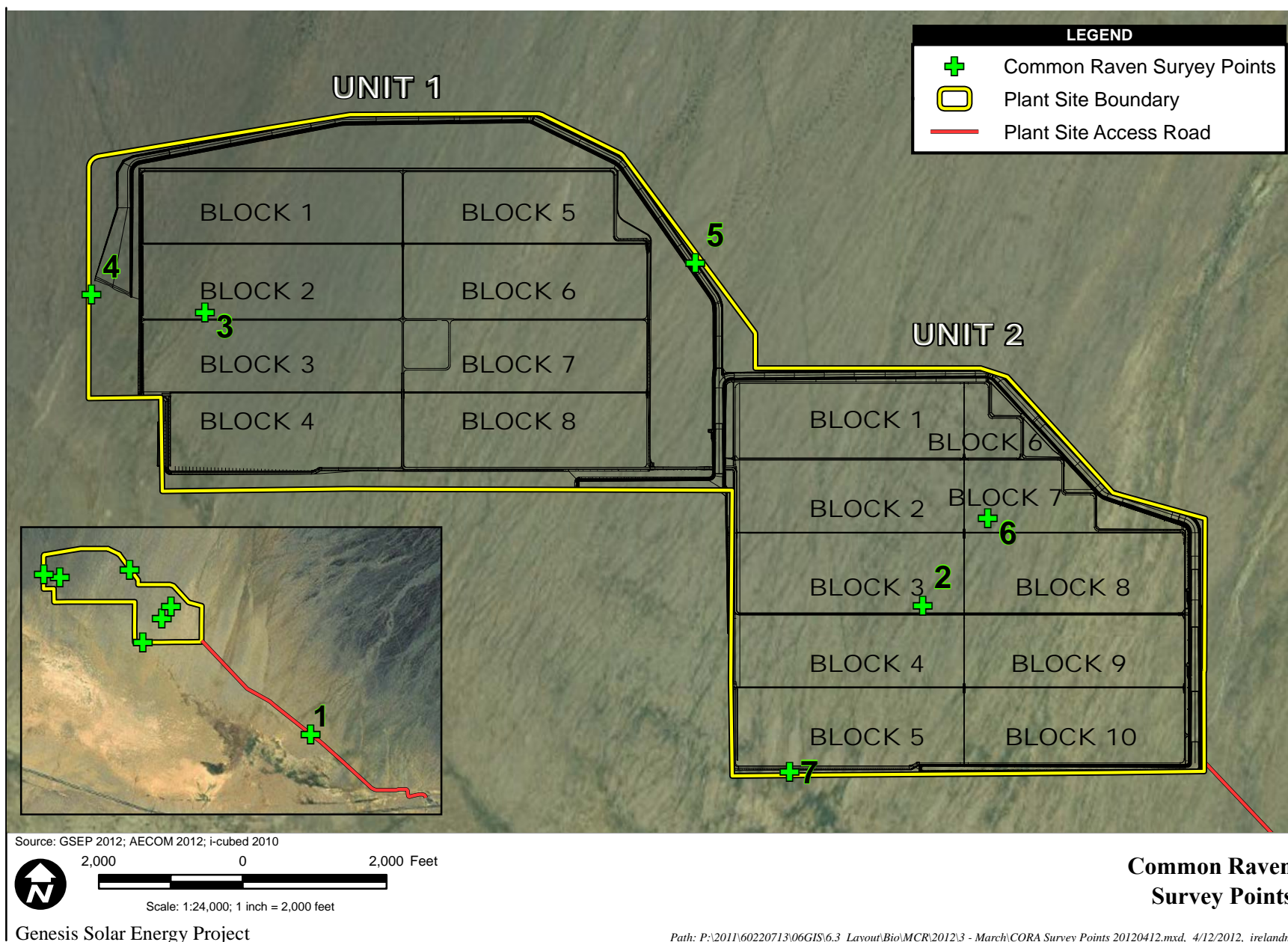


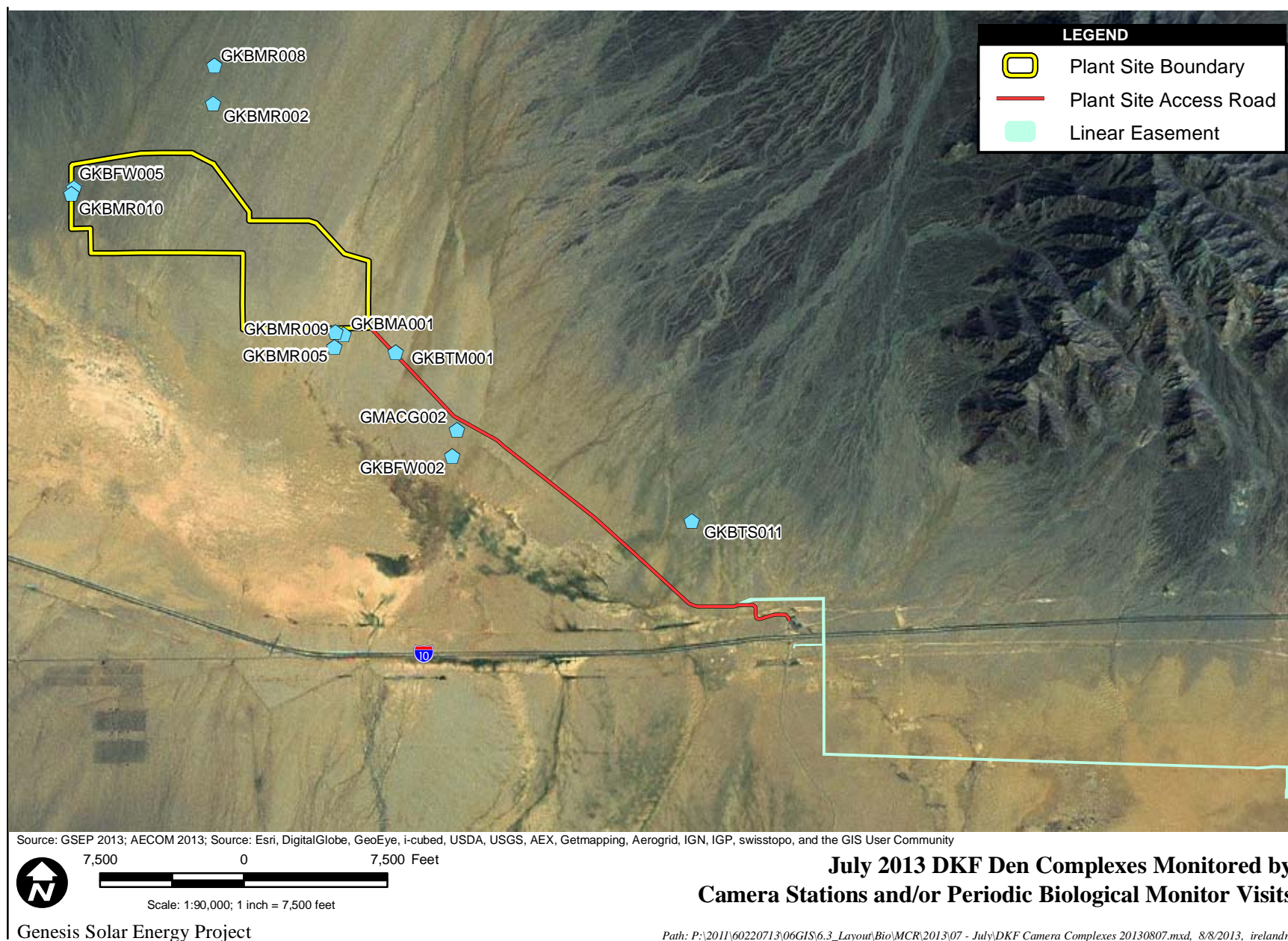
Scale: 1:90,000; 1 inch = 7,500 feet

Genesis Solar Energy Project Vicinity Map

Genesis Solar Energy Project

Path: P:\2011\60220713\06GIS\6.3_Layout\Bio\MCR\2013\01 - January\Project Site 20130131.mxd, 2/1/2013, irelandm





ATTACHMENT 2

SPECIES OBSERVED DURING FEBRUARY SURVEYS AND MONITORING

SPECIES OBSERVED DURING JULY SURVEYS AND MONITORING

Animals:

Black-tailed jackrabbit
Canyon bat
Desert kit fox
Kangaroo rat
Mexican free-tailed bat
Pocket mouse ssp.
Round-tailed ground squirrel

Birds:

American coot
American kestrel
Barn owl
Black phoebe
Brown pelican
Brown-headed cowbird
Cattle egret
Cliff swallow
Common raven
Eurasian collared-dove
Gambel's quail
Great blue heron
Greater roadrunner
Great-tailed grackle
Horned lark
Killdeer
Lesser nighthawk
Loggerhead shrike
Mourning dove
Northern harrier
Prairie falcon
Red-tailed hawk
Say's phoebe
Snowy egret
Turkey vulture
Yellow-headed blackbird
Western kingbird
Western tanager

Reptiles:

Coachwhip
Desert horned lizard
Desert iguana
Desert patch-nosed snake
Glossy snake
Side-blotched lizard
Sidewinder
Western whiptail lizard
Zebra-tailed lizard

ATTACHMENT 3

DAILY BIOLOGICAL MONITORING LOGS

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/1/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 50%, Pcp: None
 High Temp (°F): 111 Low Temp (°F): 86

Start Time: 6:00:00 AM Stop Time: 4:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0600 inspect access road. Removed 4 krat mortalities. 0630 began unit 2 perimeter walk. Not completed. 0640 report of injured bird near assembly building. American coot. Brought to rehab in Blythe. 0900 inspect area around tortoise grate for owl that had been reported on Saturday. Owl not found. Some downy feathers in area. Avian form completed. 1015 inspect evap pond area for reported bird. Found one cliff swallow mortality (north pond) and one yellow headed blackbird mortality (south pond). 1200 inspect grout areas. 1400 meeting. 1402 report of injured red tail hawk pb 2. 1445 red tail brought to rehab.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		Reported to compliance
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?		X		Trench fill occurred prior to bio clear. Area checked no biological resources impacted.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/1/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 110 Low Temp (°F): 97

Start Time: 5:00:00 AM Stop Time: 2:20:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0500-0530 monitored access road
 0530-0600 monitored evap pond, found 1 avian mortality
 0610-0820 walked unit 1, fence inspection
 0820-0845 investigated red tail hawk in unit 2
 0850-0920 looked for reported bee swarm in unit 2 dumpsters
 0920-0940 retrieved avian mortality from evap pond
 1015-1410 monitored geo-archaeology trenching, no impacts to biological resources during trenching activities
 Left site at 1420

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			Walked fence line in unit 1
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two ravens flying over power block unit 2
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: No biological resources impacted by geo-archaeology trenching.
 Species observed;
 American kestrel
 Yellow headed blackbird
 Loggerhead shrike
 Red tailed hawk
 Raven
 American coot

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/2/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 35%, Pcp: None
 High Temp (°F): 111 Low Temp (°F): 91

Start Time: 6:15:00 AM Stop Time: 5:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: 0600 report of fox on site west unit 1. Searched with telemetry and visually. Fox not located. 1015 remove dove mortality from pb2. Removed dead mouse from pb2. Disposed of both by burial. 1145 gas line surveys. South of I 10. 1530 inspect evap ponds. Yellow headed blackbird present. Will attempt release in morning. 1600 inspect for owl mortality could not find. Will meet with contractor in morning.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		North fence unit 1
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles obeying speed limit
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	All work inside fence.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/2/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 50%, Pcp: None
 High Temp (°F): 110 Low Temp (°F): 91

Start Time: 4:45:00 AM Stop Time: 4:00:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☐ Plant Site ☐ Access Road ☐ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: 0445-0510 monitored access road
 0510-0700 walked unit 2
 0700-1100 reported KF with collar in unit 1 searched for fox with negative results, walked out and looked for Flash, walked out and looked for Bug and Jitter
 1110-1120 went out and found American coot in unit 1, bird uninjured and flight prevented capture
 1130-1515 finished survey for AN, KF, and BUOW south side of freeway
 1530-1630 checked evap ponds and went to unit 2 power block to check on reported owl carcass
 Left site at 4:30

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?		X		Trash needs pick up unit 2 power block
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Started bird surveys south of freeway for gas pipeline
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 raven flying down access road around pole 28
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed;
 Say's phoebe
 Yellow headed blackbird
 American coot
 Desert iguana

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/3/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 35%, Pcp: None
 High Temp (°F): 115 Low Temp (°F): 91

Start Time: 5:45:00 AM Stop Time: 5:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0600 evap pond checked both ponds 1 yellow headed blackbird north pond flushed from pond. 0700 visual on fox leaving south evap pond. Fox followed and then lost visual. Fox exited evaporation pond through hole in netting. Flagged for repair. Had various plant gates opened to allow egress. Contacted CDFW. 0940 pb2 inspection for reported heat stressed bird. Crews confirmed yellow headed blackbird in area but could not find. 1030 office. 1130 inspect permanent fence and close gates. Notes two digs at vehicle gate nw corner unit 1. 1200 complete nesting bird surveys from structure 54 to north side I-10. 1600 install signage south of I-10 for gas line.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			Installed signage south of I-10.
Trash and debris contained and disposed of in proper manner?		X		N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		Discussed and reported speeding delivery truck to receiving manager.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	Work inside plant site.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			Also inspected permanent fence for openings and fox entrance. Some exit dig attempts noted.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Cora yellow headed blackbird.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/3/2013

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 65%, Pcp: None
 High Temp (°F): 116 Low Temp (°F): 93

Start Time: 5:00:00 AM Stop Time: 5:12:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☒ Plant Site ☐ Access Road ☐ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: 0500-0530 monitored access road
 0530-0645 searched for kit fox reported on plant site
 0700-0828 walked portion of unit 2
 0830-0930 retrieved two snakes from unit 2, retrieved barn owl from unit 2
 0900-0915 fixed hole in netting on evap pond- south pond, south edge
 0930- 1100 searched unit 1 for kit fox, drove perimeter of unit 2 looking for breeches in fence.
 1100-1120 helped Eric German retrieve bat from temp assembly structure
 1130-1520 conducted bird surveys for gas pipeline installation, covered north side of interstate 10 freeway
 1530-1715 posted signage on project area for project access for gas pipeline installation

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 ravens flying over east side of unit 2 by channel
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed;
 Sidewinder
 Mourning dove
 Desert iguana
 Zebra tail lizard
 Mexican free tailed bat

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/8/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 20%, Pcp: None
 High Temp (°F): 117 Low Temp (°F): 91

Start Time: 6:30:00 AM Stop Time: 5:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0645 report of gbh on site. Bird flushed when bio approached. 0700 gas line meeting. 0730 meeting postponed. 0740 inspect access road throughout day. Removed 6 krat. 7 zebra tailed lizards and 1 shovel-nosed snake and disposed by burial. 0830 remove diamond back rattlesnake mortality unit 2 block 10. 0930 remove gbh mortality from power block 2 electrical building. 1030 remove western tanager from unit 2 block 9 row 52. Bird appeared injured did not flush. Brought to rehabilitation center. 1300 office. 1400 preconstruction and bird surveys east of paved bridge for road widening. Surveys completed. 1630 monitor water application for gas line. Explained row and staking to water truck driver.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			Removed and disposed 1 western shovel nosed snake. 6 zebra tail lizards. 6 krats.
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Gas line south of I10 and to structure 52 on north side.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Great blue heron, American kestrel, western tanager, zebra tailed lizard, whiptail lizard, round tailed ground squirrel, krat.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/8/2013

Monitor: Michael Rathbun
 Weather Conditions: Partly Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 115 Low Temp (°F): 91

Start Time: 7:03:00 AM Stop Time: 4:20:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Arrived on ROW by 0600 and proceeded with DKF Telemetry and camera work until 1200. Construction crew notified me about two dead birds so I notified DB. I also was notified about a great Blue Heron. Having observed the heron flying normally I proceeded with my day. I was also notified about a bat in the south doorway of Administration Building. I removed bat and relocated to the north bridge entering unit 2. I later found the bat had expired and let DB know. 1400, Eric and Ron and myself were walking the area where the DT fence will be moved and completed survey by 1600.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/8/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 40%, Pcp: None
 High Temp (°F): 117 Low Temp (°F): 89

Start Time: 5:00:00 AM Stop Time: 4:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 0500-0700 surveyed gas pipeline alignment, prior to 0700 meeting
 0700-0730 southwest gas meeting
 0730-1400 monitored water truck activities at gas pipeline installation
 1400-1600 conducted AB KF and BUOW surveys for access road widening project
 Left site at 1608

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Surveyed gas pipeline alignment prior to work starting
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 ravens siting on power pole next to pole number 54
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Raven
 Zebra tailed lizard
 Desert iguana
 Buried rattlesnake, kestrel, and great blue heron, sent location to Eric G.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/9/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 106 Low Temp (°F): 90

Start Time: 6:45:00 AM Stop Time: 6:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0645 report of hydraulic fluid leak pb 1. Contractor cleaning up. 0800 inspect gas line prep near structures 57 and 58. No findings. 0930 report of live rat and dead bat pb 1. Krat removed and released. Bat not found. 1300 fox in laydown north unit 1 north pb block 5. Fox seen. Gates opened and fox flushed, fox was stopped by snow fence turned and took cover under pipes. Fox was observed. Appeared warm and was left alone. Lifted edges of snow fence to allow fox egress in future. 1400 meeting. 1445 inspect unit 1 perimeter for fox ingress points and secure gates. No findings. 1600 office. 1730 inspect guard shack area for report of dead snake. Snake not found.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Discussed in 1400 meeting
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Bio with gas line crew.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Tuvu, unknown bat, LOSH

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/9/2013

Monitor: Michael Rathbun
 Weather Conditions: Partly Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 89

Start Time: 6:32:00 AM Stop Time: 4:50:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☒ Plant Site ☐ Access Road ☐ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: Entered ROW by 0532 then checked on two burrows for BUOW that we found yesterday. No BUOW sign or presence. Following this I walked perimeter of unit 2 with nothing to report and completed by 0845. I then hiked to Flash's dens and did not find him. Finished by 1030. I then did a survey around evaporation ponds and completed by 1110. I found a dead glossy snake. Following this I drove perimeter fence of Unit 1 and found a dead roadrunner outside fence. A DKF was observed by crew on north side of Unit 1 and is still onsite. I got a call about a bat and notified DB and buried it off site. From 1430 to 1600 I downloaded camera cards. Then I checked evap ponds before leaving for the day.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Dead Glossy Snake in evaporation pond on dry cement, north pond.
 685639 E 3727485 N.
 Cleared another Glossy Snake off access road this morning.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/9/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 85%, Pcp: None
 High Temp (°F): 109 Low Temp (°F): 85

Start Time: 5:00:00 AM Stop Time: 4:10:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: Plant Site Access Road **Gas Line** Transmission Line Other (explain)

Activity Log: 0500-1610 monitored gas pipeline installation project, including 4 pothole locations for existing gas and fiber transmission, dirt berm removal on access road, and water truck activities.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Yellow headed blackbird
 Turkey vulture
 Desert iguana.
 Potholed four locations for gas and fiber lines
 Water truck spraying on access road
 Knocked down dirt berm by pole 55

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/10/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 70%, Pcp: None
 High Temp (°F): 106 Low Temp (°F): 86

Start Time: 6:30:00 AM Stop Time: 5:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0630 CORA observation monitoring. 0700 remove 3 krat mortalities. 0715 CORA observation monitoring. 0815 perimeter walk unit 1. 1000 preconstruction meeting for Caltrans area grading/paving. 1115 pothole meeting with Caltrans. 1330 report of pelican pb2/unit 2. Bird was reported to have flown away in nw direction. 1515 report of bird mortality. Investigated found brown pelican mortality. Disposed of by burial. 1500 secured permanent fence gates. Also noted wind blown trash along perimeter fence. Photographed.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.	X			Brown pelican. Avian form completed.
Tortoise exclusionary fence and/or ramps intact?	X			Unit 1 perimeter walk completed. 100% perimeter fence check completed.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 perched on fence.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Brown Pelican.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/10/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 50%, Pcp: None
 High Temp (°F): 104 Low Temp (°F): 86

Start Time: 6:30:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: Entered ROW by 0530. I started by monitoring two burrows on east side of Unit 2 near permanent bridge. I then did CORA survey with Eric. I did sites 3,4,5, and 6, he completed the rest. After that, I met with Eric and we both walked perimeter of Unit 1 in different directions. The remainder of day, I drove Unit 2 looking for holes in fence, checked Evap ponds, looked for Honey, and finished walking transects with Ron near guard shack. Left ROW at 1630.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			One walking on ground in morning. Later one was perched on pole.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard. Whiptail lizard, SNEG, CLSW, LOSH, NOHA, CORA, round-tailed ground Squirrel

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/10/2013

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 95%, Pcp: None
 High Temp (°F): 106 Low Temp (°F): 89

Start Time: 5:00:00 AM Stop Time: 4:14:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 0500-1420 monitored gas pipeline installation activities, including water truck, potholing on north side of freeway, delivery of baker tanks, covered up pothole with plywood, finished up at 1500
 1500-1614 conducted AB, KF, and BUOW surveys around proposed asphalt work at project site entrance area, conducted surveys with Mike R.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Proposed work areas cleared prior to construction
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 raven observed flying over rest area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Mourning dove
 Nighthawk
 Raven
 Conducted AB, KF and BUOW surveys at rest area road improvement project site with Mike R. -negative survey results

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/11/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 70%, Pcp: Trace
 High Temp (°F): 92 Low Temp (°F): 80

Start Time: 6:30:00 AM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0700 row inspection north of i10 0800 2 krats removed. 0900 inspect tortoise fence install at permanent bridge. 0930 inspect pb2 and electrical building. No findings. 0945 survey area west end of access road near tortoise grate. 1330 requested baker tanks covered and pipe capped at gas line. 1400 meeting. 1445 office. 1615 inspect unit 1 and grouting areas. Previous evening grouting crew observed dkf unit 1 block 5. Inspected area and laydown north of block 5. Fox not located. No other findings. 1730 baker tanks covered and pipe capped.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		North unit 1.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			Very isolated short term traces of rain in morning.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2: 1 perched and vocalizing in wooden tline pole, 1 foraging in east channel.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Mftl

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/11/2013

Monitor: Michael Rathbun
 Weather Conditions: Cloudy, Clouds: 50%, Pcp: Trace
 High Temp (°F): 98 Low Temp (°F): 86

Start Time: 6:30:00 AM Stop Time: 5:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Arrived to work site by 0545 for the DT fence expansion near permanent bridge on east side of Unit 1. I checked both burrows (GMAMR006 and GMACG001) for WBO activity and did not find any. I then walked impact area and it was cleared by the time crew arrived at 0630. I checked Evap ponds and had a CAEG and a couple of holes to report. I monitored crew again by 0845 and Eric picked me up at 0920 to do AB, DKF, and WBO survey between tower 23 and 21. Finished survey by 1100. DB downloaded tracks and I came back to do breeding bird survey between 23 and 21, between 1145 and 1305. I continued to monitor DT fence extension until they left for the day at 1630. Since trench was not completely full I made sure ramps were in place before leaving for the day. I left ROW by 1700.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.	X			I found DT bones that were very old and scattered.
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Three CORA were walking flood control channel on East side unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, whiptail lizard, desert iguana, round-tailed ground squirrel, CAEG, ECDO, TUVU, GRRO.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/11/2013

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: Trace
 High Temp (°F): 100 Low Temp (°F): 75

Start Time: 5:00:00 AM Stop Time: 3:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 0500-0535 cleared gas pipeline alignment prior to work starting
 0535-0600 tailboard meeting
 0600-1600 Monitored gas pipeline activities
 1600-1715 conducted AB KF and BUOW surveys for entrance paving work

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?			X	N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?			X	N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 ravens at security guard station
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Raven
 Turkey vulture
 Mourning dove
 Pipe for pipeline installation arrived at 1230
 1500-1715 conducted AB KF and BUOW surveys for entrance paving work



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/12/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 5%, Pcp: Moderate
 High Temp (°F): 104 Low Temp (°F): 80

Start Time: 6:30:00 AM Stop Time: 2:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0630 noted rainfall had occurred. 100% temporary tortoise exclusionary fence inspected by bio. No findings. 0700 meeting. 0800 phone discussion with Cdfw regarding fox sign on site. 1000 office. 1200 inspect unit 1. No visual of fox. Recent digs and tracks inside fence. 1330 inspect holes in permanent fence appear to be from fork lift.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Wind blown debris along fence line
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles appeared to obey speed limits
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			100% inspected following rain event.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3: 2 flying, 1 drinking from rain puddle along access road.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Moderate to heavy Precipitation occurred over night.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/12/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 25%, Pcp: None
 High Temp (°F): 100 Low Temp (°F): 79

Start Time: 5:30:00 AM Stop Time: 2:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Entered ROW by 0530, checked for WBO at GMAMR6 and GMACG001 near permanent fence on east side of Unit 2. No WBO were found so I cleared for work crew who is expanding DT fence. They buttoned it up so I walked around Unit 2 perimeter DT fence because of rain last night. Completed this by 0845 with no damage to report. I then checked DKF digging on inside of fence on north side of Unit 1. Obviously since it rained last night DKF was still onsite. At 1000 I hooked perimeter DT fence around Unit 1. I finished this by 1230, and had to make sure holes in Unit 2 Southside were still flagged. After doing so I sent DB locations and left for the day.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, whiptail lizard, desert iguana, LOSH, PRFA, MODO, BLPH, GAQU

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/12/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 25%, Pcp: None
 High Temp (°F): 105 Low Temp (°F): 84

Start Time: 5:00:00 AM Stop Time: 3:00:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☒ Plant Site ☐ Access Road ☐ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: 0500-0530 monitored access road into plant site
 0550-1020 conducted avian surveys for the access road entrance paving project
 1030-1118 drove perimeter of unit 1 looking for kit fox
 1200-1300 getting camera gear set up for deployment on kit fox areas
 1300-1500 set up kit fox cameras and closed man gates in unit 1
 Left site at 1500

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		1 raven observed on wooden power pole along access road at pole #31
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Desert iguana
 Zebra tailed lizard
 Loggerhead shrike
 Turkey vulture
 Roadrunner
 Set up kit fox cameras in unit 1
 Completed avian surveys for entrance paving project

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/15/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 112 Low Temp (°F): 91

Start Time: 7:00:00 AM Stop Time: 5:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 0715 remove and bury mftl road mortality. 0730 remove and bury 7 krat road mortality. 0845 inspect road widening ditch. Requested to compliance to have ends ramped. 0900 inspect unit 2 permanent perimeter fence. No new findings. 1015 inspect evap ponds. Previously reported live bird not found. 1045 standing water in v ditch. Reported. 1200 investigate hole beneath permanent fence nw corner unit 1. Temporary tortoise fence intact. No DT ingress route. Reported to compliance. No confirmed fox sign due to hardness of soil. 1300 meeting. 1400 meeting.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Reported wind blown trash to compliance.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		Access road speeding discussed in 1400.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			Ditch mostly filled at road widening. Egress points created.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 on ground near v ditch outside fence west unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Report of dkf at west end of access road near tortoise grate on Sunday at 1030. It was also noted that both entry gates were open during weekend.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/15/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 106 Low Temp (°F): 92

Start Time: 5:50:00 AM Stop Time: 7:53:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: I arrived on ROW by 0530. I started Evaporation survey before 0600 and finished by 0800. Had a BHCO in fence, Killdeer, LOSH, CLSW flying onsite. After, I walked Unit 1 and completed by 1030. No unknown holes to report. By 1100, DB asked me to drive Unit 1, specifically scanning for Flash and Stripe within the Unit. I completed this by 1515 with a negative result for both DKF. Between 1230 and 1330 I took time to complete midday survey of evap ponds and had no birds. I then moved camera by washed out opening to the outside of fence. I checked access road for road kill. At 1730 I started last period of evap pond monitoring and finished by 1955 and left for the day.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two were sitting on south side of Unit 1 permanent fence when I was checking perimeter DT fence.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, desert iguana, whiptail lizard, YHBL, CLSW, BHCO, CORA, Killdeer, TUVU, LOSH, MODO.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/15/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 107 Low Temp (°F): 84

Start Time: 5:00:00 AM Stop Time: 4:20:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** Gas Line **Transmission Line** **Other (explain)**

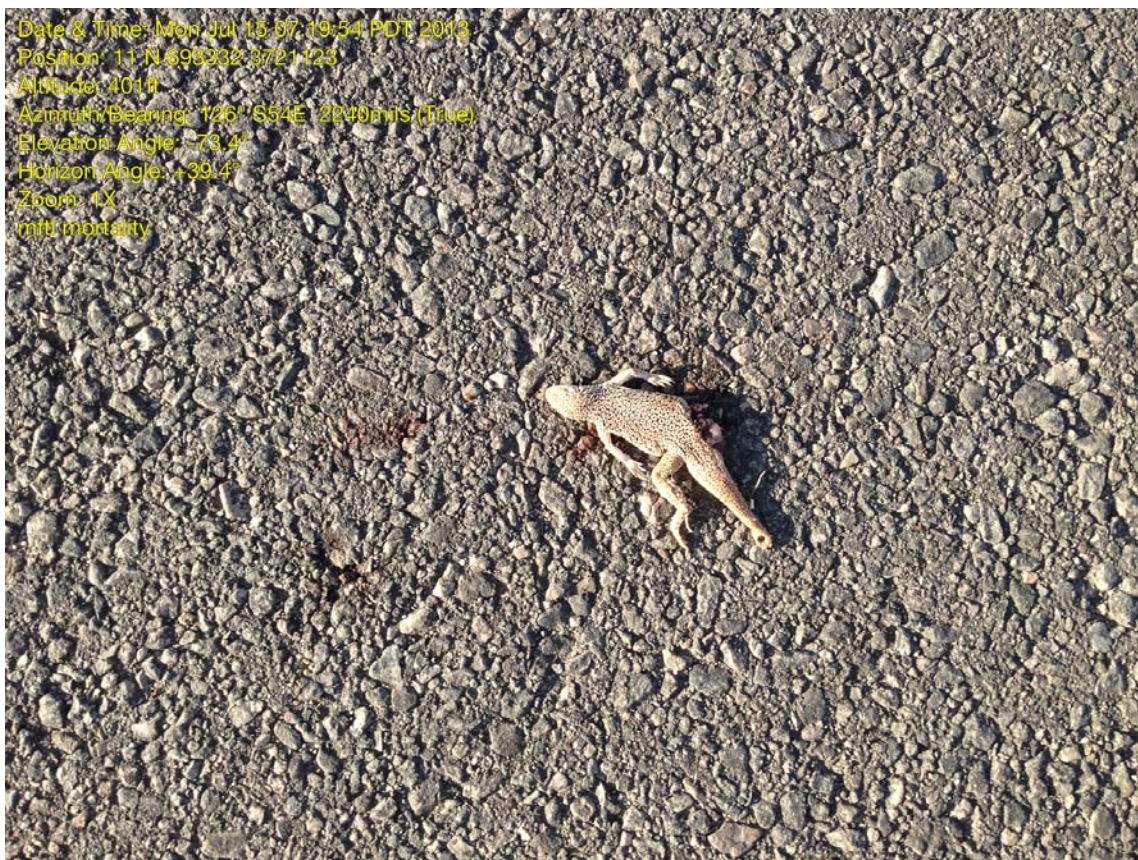
Activity Log: 0500-0545 cleared areas for drilling crew; 0545-0630 tailboard meeting; 0640-1140 recovered missing side boom dozer; 1140-1530 monitored gas line pipe placement, no issues; Debriefed with Eric G and downloaded Garmin tracks; left at 1620.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?		X		Need to get stickers for HDD crew
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Cleared areas at 0500
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed: Loggerhead shrike; Desert iguana; Whiptail lizard. Discovered side boom dozer was stolen and driven approximately 3 miles to the east and then turned north and picked up SCE access road, proceeded to the east and was parked on access road.

Date & Time: Mon Jul 15 07:19:54 PDT 2013
Position: 11 N 693332 3721123
Altitude: 401ft
Azimuth/Bearing: 126° S54E 2240mils (True)
Elevation Angle: -73.4°
Horizon Angle: +39.4°
Zoom: 1X
mft montsky



Date & Time: Mon Jul 15 07:20:08 PDT 2013
Position: 11 N 693332 3721122
Altitude: 400ft
Azimuth/Bearing: 339° N21W 6027mils (True)
Elevation Angle: -78.5°
Horizon Angle: +62.0°
Zoom: 1X



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/16/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 89

Start Time: 7:00:00 AM Stop Time: 7:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0645 received report of bat inside of temp assembly building. 0705 agencies contacted regarding bat, canyon bat. Bat was located beneath an upside down cup on a work bench where people in vicinity were working. Bat was moved to safe location outside of building. After agency discussion bat was brought to rehabilitation center. 0830 removed krat mortality from access road. 1330 investigate report of injured bird and bird mortality pb1. Cliff Swallow in very bad condition no movement laying on belly labored breathing. Lesser nighthawk mortality near welding area. Contacted agencies. 1400 meeting. 1600 investigate fox dig, egress attempt, CDFW contacted. 1715 escort CDFW to bird carcasses unit 1. Carcasses removed by CDFW.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Construction debris discussed at 1400.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			100% fence walk completed no breaches found.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/16/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 25%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 87

Start Time: 5:40:00 AM Stop Time: 1:55:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Entered ROW by 0540 and started walking Unit 2 by 0600. Completed by 0800 with no holes or dead animals. DB had me look at a bat in an assembly building and turned out to be Canyon Bat. I then met Mike A. and started on DKF telemetry around 1000. We completed that by 1330 after finding Stripe, Jitter, Honey, and Bug. Yentl was not found. after checking out two birds in Unit 1, I checked the permanent fence to see if repairs were made or needed. Repair was not made in NW corner of Unit 1 and a dig was made in north fence of Unit 2 but was not completed through. I then left for the day at 1455.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two CORA sitting along access road near tower 22.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, whiptail lizard, desert iguana, LOSH, CORA, TUVU, MODO, CLSW, dead desert patchnose snake and LENI, Round-tailed ground squirrel.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/16/2013

Monitor: Mike Anguiano
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 106 Low Temp (°F): 90

Start Time: 5:00:00 AM Stop Time: 2:10:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 500 met crew
 930 met mike rathbun
 checked kit fox burrows with mike
 1345 looked at construction area for tomorrow with Ron
 1400 grabbed remote camera for use at another location

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?			X	N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?			X	N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/16/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 35%, Pcp: None
 High Temp (°F): 110 Low Temp (°F): 86

Start Time: 5:00:00 AM Stop Time: 4:10:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** Gas Line **Transmission Line** **Other (explain)**

Activity Log: 0500-0535 cleared areas for pipeline work
 0535-1500 monitored gas pipeline installation, including welding up pipe outside the fence
 1500-1530 set up kit fox camera in unit 2 north fence line where a hole was dug by kit fox
 1530-1600 Monitored gas pipeline installation- welding and side boom activities
 Left site at 1605

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Areas cleared prior to work beginning
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.			X	N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Desert iguana
 Horned lizard
 Turkey vulture

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/17/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 90

Start Time: 7:30:00 AM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: 0815 inspect htf at pb2. Discharge present. Water being removed. 0830 inspect dig at permanent fence unit 2. Unknown activity. 0930 inspect light post holes. No findings. 1000 meeting. 1300 report of injured bat pb2. Contacted agencies. Spoke with CDFW. Bat, canyon bat, brought to rehab. 1400 personnel brought bat from building, contacted CDFW, brought to rehab. 1630 bats delivered to rehab. Kept in air conditioned vehicles in interim.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Schott tube wrapping noted along north unit 2 fence. Many sizes. Trash mostly wrapping.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 perched on transmission pole.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: HOLA, 7/16 bat that had been brought to rehab was released in evening of 7/16.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/17/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 85

Start Time: 5:35:00 AM Stop Time: 3:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Started DKF telemetry by 0545 and hiked towards Flash. Found it at 0630 and moved camera to most recent burrow. I then found Stripe and looked for Yentl with no luck. I downloaded camera cards and finished by 1200. Then went to change Stripe's card as he was on the surface earlier. I then checked evap ponds and had to check fence hole cameras. I changed date on Bug's camera cause it was showing times in January 2008 so its fixed by 1350. While checking evap ponds at 1403, I saw a BHCO and WEKI located in south pond. Also a dead kangaroo rat. After downloading Stripe's camera I entered data. Left ROW at 1600.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Common side-blotched lizard, zebra-tailed lizard, whiptail lizard, desert iguana, round-tailed ground squirrel, LENI, LOSH, WEKI, BHCO

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/17/2013

Monitor: Mike Anguiano
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 89

Start Time: 7:00:00 AM Stop Time: 4:37:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)** ☐

Activity Log: 7 met Ron
 710 cleared access road by guard shack
 730 checked on gas line guys
 830 back at guard shack to wait for crew to install waddles
 900 at tortoise guard. Completed walk through of perimeter. No sensitive species detected
 1000 checked on gas line crew
 1030 checked on straw waddle crew
 1130 checked on welding crew
 1200 checked on grading crew at temporaryDT fence
 1230 back to waddling crew
 1300 monitored grading at tortoise grate
 1500 checked on welding crew
 1630 checked unit 2 fence for holes

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 sitting on transmission line at tortoise guard at temporary fence entrance
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/17/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 109 Low Temp (°F): 84

Start Time: 5:00:00 AM Stop Time: 4:00:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☒ Plant Site ☐ Access Road ☒ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: 0500-0530 cleared gas pipeline project area
 0535-0700 cleared area for access road paving project, cleared area with Mike A.
 0730-1150 flagged proposed geotech borings in Ford Dry Lake bed, Gbore1 and Gbore2
 1250-1530 monitored bat in power block area of unit 2

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Cleared gas pipeline area and access road paving project
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Flagged geotech boring sites on ford dry lake
 Cleared gas pipeline project area
 Cleared access road paving project area
 Species observed;
 Yellow headed blackbird
 Desert iguana

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/18/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 111 Low Temp (°F): 88

Start Time: 7:30:00 AM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: 0715 monitored asphalt cutting at rest area. 0900 monitor access road. Noted truck broken down on north side road. Informed receiving. Receiving team cleaned oil and moved truck to pullout. Removed 3 zebra tailed lizard mortalities. 1000 inspect area of previous day bat mortality. 1045 report of bird mortality pb2. Bio inspected cliff swallow. 1100 meeting. 1130 report of bat in pb 2. When bio arrived bat had reportedly flown away. 1200 meeting. 1300 inspect unit 1. Noted light pointed toward desert, west side between block 3 and 4. Reported to compliance. Inspected grouting area. 1330 Brown headed cowbird mortality in north laydown parking area reported. 1400 meeting. 1500 report of second bat in pb 2. Spoke with CDFW prior to assessment. Bat had very little movement. Placed in air conditioned vehicle. Bat expired. 1600 inspect and confirm brown headed cowbird mortality.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 foraging by walking on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Tuvu, zebra tailed lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/18/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 105 Low Temp (°F): 81

Start Time: 5:35:00 AM Stop Time: 12:55:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: Arrived at Unit 2 camera by 5:50 and had no DKF, only some trash and people. No DKF at Unit 1 camera. Evap ponds had three BHCO birds going into either pond and back out again. Completed survey by 0730. I checked both laydown areas and did not see DKF or sign under pipes. Finished laydown by 0830. I started to survey troughs in Unit 2 but was asked to show Mike A. around the site and finished by 1130. During that time DB had me find a bird that was reported. It was dead and turned out to be a cliff swallow. I then headed down to gas crew so Ron could show me the lay of the land for work next week. He finished this by 1230 and I completed reports and left at 1254.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		The laydown yard in Unit 2 had lots of trash and debris floating around.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two seen perched on power line along access road
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, LOSH, CLSW, BLPH, WEKI, BHCO

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/18/2013

Monitor: Mike Anguiano
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 110 Low Temp (°F): 87

Start Time: 5:45:00 AM Stop Time: 4:12:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** Access Road **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 545 arrived ahead of crew to check and clear area
 615 crew showed up
 930 crew finished grading by DT gate
 930 mike rathbun showed me spots to check for kit fox
 11 checked solar arrays for avian mortalities
 12 responded to call about an injured bat
 1330 checked on gas line crew. They are finished for the day.
 1400 - 1500 cruised solar arrays looking for avian mortalities
 1500 - 1600 with Eric to see where dead birds are

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3; 1 on road on way in with pocket mouse in mouth; 2 by tortoise grate; 1 with piece of trash in mouth
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/18/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 107 Low Temp (°F): 84

Start Time: 5:00:00 AM Stop Time: 2:38:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)** ☐

Activity Log: 0500-0535 cleared work areas for gas pipeline installation
 0536-0546 tailboard meeting
 0546-0700 monitored gas pipeline welding
 0700-0745 monitored access road and paving project
 0745-1430 monitored gas pipeline installation
 Left site at 1430

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			One raven observed near office trailers sitting on power pole
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Monitored gas pipeline installation, released sidewinder snake, species observed;
 Raven
 Desert iguana
 Mourning dove
 Turkey vulture



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/19/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 104 Low Temp (°F): 88

Start Time: 7:30:00 AM Stop Time: 6:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0730 inspect access road. Discussed road kill removal and disposal with bio. 0930 report of amke in evap pond, 0955 opened gate and flushed amke from evap pond. Also noted 4 cattle egret on top of south evap pond netting. 1200 report of bat mortality pb2. Investigated, will have CDFW remove. 1345 escort CDFW to cliff swallow, cowbird and bat mortalities. CDFW removed. 1500 report of pelican north evap pond. Arrived and monitored from car. Brown Pelican. Bird flew low to East. Waited for pelican to return. Received phone calls bird was making short flights, was on access road next to traffic. Contacted CDFW and USFWS. 1615 located bird at north end of solar array. Monitored from south end. Confirmed with rehab they were available. 1815 bird had not moved. Approached bird, made low flight over fence. No more approach attempts, bird left alone.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Compliance is aware of schott tube wrapping. Clean up to begin Monday.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.	X			Brown Pelican.
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 perched.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Brown pelican

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/19/2013

Monitor: Mike Anguiano
 Weather Conditions: Partly Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 105 Low Temp (°F): 90

Start Time: 5:45:00 AM Stop Time: 3:25:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: 545 arrived at SE tortoise grate cleared area
 620 crew began grading inside temporary DT fence
 7 - 930 cruised access road for road kill, removed sidewinder x 1, desert iguana x 1, desert krat x 1, merriam krat x 3, pocket mouse sp. x 3
 800 monitored dirt work by tortoise grate
 915 checked in with crew by guard shack
 930 - 1330 monitored work by tortoise grate. Also cruised road for road kill
 1330 - 1430 checked evap ponds
 4 cattle egrets and 1 brown pelican standing on net. Notified Eric German
 1430 - 1515 cruised unit 1 fence line. No holes.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/22/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 104 Low Temp (°F): 77

Start Time: 6:00:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0600 clear Caltrans road area. Flagging not in place north of access road. 0700 tailboard with contractor. Discussed limits, tortoise inspection, trash clean up. 0745 meet bio at gas line. 0800 check flagging north of access road. Flagging in place. 0815 inspect channel east of unit 2. No findings. 0900 inspect evap ponds. Tamarisk growing in south pond. No other findings. 0930 meeting. 1200 office. 1400 meeting. 1530 inspect evap ponds. North pond two cowbirds, one inside one out, cowbirds have been able to pass through netting. Left in place. 1545 inspect south unit 2 and ditch at SE corner. Ditch ramped. No findings.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Unit 1 fence.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?		X		100% fence walk completed. Two small washouts noted. Bio to repair.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Killdeer.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/22/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 105 Low Temp (°F): 78

Start Time: 5:30:00 AM Stop Time: 4:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Entered ROW by 0530 and cleared area around guard shack for road work. Met with crew and Mike A. for tailboard. Left area by 0745 to start perimeter walk around Unit 2. Completed by 0935 and went back to road crew for monitoring and arrived by 1000. I stayed all day until crew finished around 1630.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Lone bird seen flying throughout the day
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Whiptail Lizard, zebra-tailed Lizard, desert iguana, LOSH, CLSW, MODO, ECDO, TUVU, CORA, BHCO

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/22/2013

Monitor: Mike Anguiano
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 100 Low Temp (°F): 82

Start Time: 6:01:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 6 cleared area by guard shack
 7 met with crew
 7 - 10 monitored grading
 10 - 1300 walked temporary fence for unit 1. Marked 2 locations in need of repair
 1300 - 1400 met with Eric about repairing holes and went over telemetry detail. Attempted to meet archys to repair whole
 1400 - 1630 kit fox telemetry

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/22/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 40%, Pcp: None
 High Temp (°F): 97 Low Temp (°F): 81

Start Time: 5:00:00 AM Stop Time: 4:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: 0500-0535 cleared gas pipeline project area
 0536-0700 waited for pipeline crew to show up
 0715 tailboard meeting
 0725-1600 monitored gas pipeline horizontal directional drilling and pipe welding activities

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Work area and equipment cleared prior to start of work
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Monitored drilling and welding all day at gas pipeline work area
 Species observed:
 Desert iguana
 Turkey vulture
 No environmental issues

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/23/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 100 Low Temp (°F): 83

Start Time: 6:00:00 AM Stop Time: 3:15:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☐ Plant Site ☐ Access Road ☐ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: 0600 jsa with Access road crew. Discussed speed limits and reminded of staked boundaries. 0700 gas line inspection. No findings. Report of pelican unit 1. 0815 glimpse of pelican flying east above mirrors toward evap pond? Not seen at pond. 0845 monitor access road work near rest area. Noted tamarisk removal in disturbance area. 1315 received notification of bird mortality pb2 acc building. Bird located, left in place and special agent contacted (1400). 1430 office. 1515 offsite.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Common area food wrappers. Compliance to be notified.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.	X			No injury or mortality. Informational: Brown Pelican seen flying East above unit 1.
Tortoise exclusionary fence and/or ramps intact?	X			Maintenance/repair completed. Fence 100% intact.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			6: 4 perched at power poles, 2 perched on fence vocalizing.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Dove. Unknown species. Desert Iguana.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/23/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 102 Low Temp (°F): 81

Start Time: 6:35:00 AM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Started Raven Surveys immediately after arriving at starting point. Finished Raven points in plant and was asked to find a GBH in Unit 1, block 2. I could not find bird so finished raven survey by 0910. I then started telemetry and cameras for DKF. Mike A. found Stripe and Flash yesterday so I focused on DKF from Jitter to Yentl. I found all of DKF except Bug. I downloaded cameras and finished up by the time I met Mike A. at 1500. I then monitored road crew the remainder of day until they departed at 1730.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			A pair flying over unit 1 between my point count survey so were not counted.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Side-blotched lizard, zebra-tailed lizard, desert iguana, whiptail lizard, roundtail ground squirrel and desert iguana were road kill, TUVU, BHCO, WEKI, CORA, MODO.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/23/2013

Monitor: Mike Anguiano
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 102 Low Temp (°F): 82

Start Time: 5:31:00 AM Stop Time: 5:11:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 530 arrived and cleared site
 600 met with crew
 600 - 1500 monitored; Eric covered for me from 9 - 10 so I could go fill some holes that were found under temporary dt fence
 1500 - 1730 kit fox telemetry

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 at rest area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/23/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 25%, Pcp: None
 High Temp (°F): 104 Low Temp (°F): 84

Start Time: 5:00:00 AM Stop Time: 6:30:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: Plant Site Access Road **Gas Line** Transmission Line Other (explain)

Activity Log: 0500-0535 cleared pipeline work area
 0536-0546 tailboard meeting
 0546-1830 monitored horizontal directional drill for gas pipeline

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Monitored directional drill all day
 Species observed;
 Desert iguana
 Zebra tail lizard
 Horned lizard
 Great grackle



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/24/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 88

Start Time: 5:25:00 AM Stop Time: 6:48:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)** ☐

Activity Log: Arrived on site by 0530 and helped Mike A. clear the road crew work area near guard shack. Then I was asked to check access road for road kill and get a sidewinder out of power block 2. I completed that by 0730 and monitored gas line crew south of freeway the remainder of day. Pulled a dead Desert kangaroo rat off of the road. Crew finished by 1845 and I left soon after.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Single CORA flying over gas line
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Desert Kangaroo Rat, desert iguana, western whiptail lizard, zebra-tailed lizard, side blotched lizard, sidewinder, CORA, TUVU, CLSW, LOSH, MODO

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/24/2013

Monitor: Mike Anguiano
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 107 Low Temp (°F): 86

Start Time: 5:30:00 AM Stop Time: 4:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** ☒ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 530 cleared area by guard shack
 600 met with crew
 600 - 1645 monitored crew

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/24/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 25%, Pcp: None
 High Temp (°F): 109 Low Temp (°F): 86

Start Time: 5:00:00 AM Stop Time: 4:30:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☒ Plant Site ☐ Access Road ☒ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: 0500-0535 cleared gas pipeline installation work area prior to start of work
 0535-0545 conducted tailboard meeting for gas crew
 0550-1100 monitored gas pipeline directional drill
 1100-1300 met up with Kendra Peters from CDFW and collected avian mortality from unit ACC top floor, collected bird at 1215
 Ms. Peters took bird with her in ice cooler
 1330-1430 collected little pocket mouse that was brought to office trailer, pocket mouse was released outside project area unharmed
 1430-1630 patrolled plant site
 Left site at 1630

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed on 7/24;
 Pocket mouse
 Desert iguana
 Mourning dove

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/25/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 104 Low Temp (°F): 91

Start Time: 5:35:00 AM Stop Time: 3:47:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Arrived on ROW by 0535 and started clearing road of dead animals and found 6 dead Kangaroo Rats. I also checked evap ponds and had no new holes or dead but a CAGU was circling ponds for a bit. Finished survey by 0650. I then drove perimeter fence to check for holes or digs and did not find any new and was completed by 0900. Ron had me talk to a person regarding a loose animal and turned out to be a scorpion around an electrical building. I did not have enough info or details to even look for it in Unit 2. Drove down to gas crew below fwy and monitored the rest of the day. I left ROW when the crew left.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two were seen sitting on permanent fence in Unit 2
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Round-tailed ground squirrel, desert iguana, zebra-tailed lizard, TUVU, CORA, CLSW

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/25/2013

Monitor: Mike Anguiano
 Weather Conditions: Partly Sunny, Clouds: 90%, Pcp: None
 High Temp (°F): 107 Low Temp (°F): 90

Start Time: 5:33:00 AM Stop Time: 4:41:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 530 cleared work area by security shack
 600 - 1630 monitored crew by security shack

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 by rest area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/25/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 105 Low Temp (°F): 85

Start Time: 5:00:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: 0500-0535 cleared pipeline work areas
 0535-0600 tailboard meeting
 0600-1630 monitored plant site and gas pipeline installation

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			work area cleared at 0500
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.			X	N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed;
 Loggerhead shrike
 Desert iguana
 Horned lizard
 Say's phoebe

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/26/2013

Monitor: Mike Anguiano
 Weather Conditions: Partly Sunny, Clouds: 50%, Pcp: Light
 High Temp (°F): 102 Low Temp (°F): 92

Start Time: 5:31:00 AM Stop Time: 1:22:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 530 cleared area by guard shack
 6 - 1300 monitored crew by guard shack. Ron took over at 1300.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 flying around rest area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/26/2013

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 40%, Pcp: None
 High Temp (°F): 103 Low Temp (°F): 81

Start Time: 5:28:00 AM Stop Time: 2:49:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0530-0600 cleared work activities from 7/25 on gas pipeline
 0615-0700 picked up snake in unit 2 power block, transferred snake to Mike Anguiano for release, snake released unharmed outside project area
 0730-0945 met with USFWS special agent Ed Nieves, toured solar plant site
 1000-1440 monitored plant site, checked evap ponds, monitored road construction project by rest stop

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two ravens on ground by security entrance area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Sidewinder rattlesnake
 Mourning dove
 Scorpion
 Desert iguana
 Raven
 Turkey vulture

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/29/2013

Monitor: David Charlton
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 106 Low Temp (°F): 83

Start Time: 5:45:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** Access Road **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 0545-0615 cleared area prior to work
 0615-1630 monitored road paving on access road, including scraping, grading, and water truck activities. Deposition of AB on dirt road. Also compaction with roller. No environmental issues.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Desert iguana
 California quail
 Zebra tail lizard
 Western whiptail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/29/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 82

Start Time: 5:30:00 AM Stop Time: 6:11:00 PM
Attachments:
Photographs:

Sites Monitored

Circle One: Plant Site ☐ Access Road ☒ Gas Line ☐ Transmission Line ☐ Other (explain) ☐

Activity Log: Entered ROW by 0530 and started by clearing for the road crew by the guard shack. I mentioned the paddle truck has some small leaks. I then cleared access road of a dead Krat and a spotted leaf-nosed snake. Got a call regarding bird in evap ponds and checked out to be a killdeer. Then met gas crew by 0710. After tailboard I checked out a dead BHCO and Ron wrote it up. I remained with gas crew until they left at 1811.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Found dead: spotted leaf-nose snake and kangaroo rat on access road.
Killdeer in evap ponds. Desert iguana, zebra-tailed lizard, side-blotched lizard, LOSH, TUVU

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/29/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 80

Start Time: 5:00:00 AM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: 0500-0535 cleared gas pipeline project area
 0600-0630 met with Dave Charlton and got him up to speed on paving project at entrance
 0700-0740 tailboard meeting gas crew
 0800-0900 monitored gas pipeline activities
 0900-1100 picked up avian bird mortalities
 1100-1200 checked evap ponds
 1200-1730 monitored plant site and evap ponds

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Gas pipeline project area cleared prior to construction at 0500
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Spotted leaf nosed snake (Mike Rathbun picked up road kill)
 Cowbird
 Great blue heron
 Contacted Ed Nieves at USFWS on two avian mortalities
 Set up freezer in office

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/30/2013

Monitor: David Charlton
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 104 Low Temp (°F): 83

Start Time: 6:45:00 PM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 545 conducted preconstruction survey, attended tailboard
 600 monitored crew remove dirt ramps and replace with road grade until
 4:30

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/30/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 111 Low Temp (°F): 90

Start Time: 8:00:00 AM Stop Time: 9:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0800 on site. 0815 inspect gas line and discuss with bio. 0900 inspect access road, no findings. 0945 office. 1100 report of dkf on site north unit 1 west laydown area. Investigated and found fresh dkf tracks along fence line. Fox not seen. Opened two proximate gates. Left messages at CDFW. 1300 inspect off road paving and discuss schedule. 1400 meeting. 1445 inspect evap pond. Cowbird in north pond enclosure. 1450 report of bird mortality in assembly building. Appears to be juvenile cowbird. 1510 left message for USFWS special agent. 1610 complete inspection of evap pond. Killdeer in north pond enclosure. Gate to be opened in morning. 1630 inspect laydown for dkf. No dkf findings. 1645 inspect light stands unit 1. No findings. 1730 monitor north unit 1 laydown for fox. Monitor for egress. Dkf not seen. 1815 inspect temporarily fenced laydown unit 2. Noted trash. 1830 noted litter from tube coverings. Sent photos to compliance. 1840 empty water truck, some residual leaking. Will report to compliance. 1850 monitor north unit 1 for fox egress. 2030 close gate. Fox not observed.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?		X		Report of vehicle off access road. Will investigate tracks tomorrow.
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Reported to compliance.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Dkf reported on site north laydown above unit 1 block 1. Killdeer, brown headed cowbird.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/30/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 108 Low Temp (°F): 84

Start Time: 5:20:00 AM Stop Time: 4:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: Entered ROW by 0515 to help Ron clear for gas line crew then attended tailboard. I then cleared access road and checked evap ponds. No animals were in need of cleanup and a Killdeer was in north pond. Finished by 0800. I then started checking for DKF. I found all DKF except Yentl and downloaded all camera cards by 1345. I then closed a gate for DB and checked evap ponds at 1436. A killdeer and a BHCO were in north pond. I drove down to northern side of fwy welding crew. Talked with them for a bit, consulted with Ron and then headed back to evap ponds as DB thought killdeer had left. I confirmed it was still present and left ROW by 1715.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Sidewinder, zebra-tailed lizard, desert iguana, whiptail lizard. Round-tailed ground squirrel, TUVU, LOSH, MODO, BHCO, KILL.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/30/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 104 Low Temp (°F): 82

Start Time: 5:00:00 AM Stop Time: 3:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log: 0500-0600 cleared gas pipeline work area prior to work starting
 0600-1200 monitored boring and reaming for gas pipeline installation under highway 10
 1200- 1445 monitored directional drill and welding, requested they get pipe ends covered up before work day ends
 1445-1515 met with Dee and SWa
 1615-1700 monitored pipe ends getting covered and fence panels placed over mud pits

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two ravens flying over security guard station
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed; Black tailed jackrabbit, Raven. Monitored gas pipeline work all day.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/31/2013

Monitor: David Charlton
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 107 Low Temp (°F): 83

Start Time: 5:45:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: **Plant Site** ☒ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)** ☐

Activity Log: 5:45 preconstruction survey
 6:15 crew begins building curb laying road grade and excavate turn around until 4:30.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			A1 observed flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/31/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 111 Low Temp (°F): 81

Start Time: 6:00:00 AM Stop Time: 6:15:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: ☒ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0600 meet with bio at access road construction. Confirm schedule and safety. 0630 inspect access road. 2 ravens. No other findings. 0700 office. 0815 report of dkf in trailer area and torque tube laydown. Several reports. Investigated areas of reports: trailers and torque tubes. No observation made. 0945 flush killdeer from north evap pond. AMKE. Mortality found in north evap pond. 1030 reported mortality to USFWS. 1100 killdeer flushed. 1130 inspect torque tube area for dkf. No findings. 1230 investigate tire track reported previous day. Some tracks from truck turn-around others appear to be personal vehicle. Area within ROW previously not disturbed. Truck from previous. No sensitive biological resources impacted. Improved staking. 1400 meeting. 1430 investigated report of bird mortality. Pb 2 area 25. Bird not located. 1515 office. 1700 inspect unit 2 block 5 rip rap for bird mortality report follow up. 2 barn owls flushed from drainage pipe next to bird mortality. Appears to be a roost. Pellets present. 1730 inspect service gate closure. Gaps noted. Will report to compliance.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			5 perched.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Coach whip snake, barn owl, AMKE, great tailed gackle, doff.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/31/2013

Monitor: Michael Rathbun
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 111 Low Temp (°F): 82

Start Time: 5:00:00 AM Stop Time: 6:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log: Entered ROW at 0500 to clear for gas line crew. Met for tailboard by 0545. I monitored crew until Ron finished perimeter hike of Unit 2. Around 0900 I went to north evap pond to help DB free the Killdeer. It was freed around 1100 and I headed to CRS access road to check for DT evidence under CORA nest in adjacent tower to 103. I headed to Unit 1 Block 5 for a couple of bird reports and ultimately did not find birds and no one up there knew what I was talking about. I completed search around 1400 and headed down to gas crew to relieve Ron and monitored gas crew the remainder of day. Left ROW at 1815 after looking at BAOW roost in Unit 2.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two found sitting on road by rest stop and later in the day two were seen south of fwy
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: TUVU, CORA, LOSH, BHCO, KILL, zebra-tailed lizard, desert iguana

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 7/31/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 109 Low Temp (°F): 83

Start Time: 5:00:00 AM Stop Time: 5:00:00 PM
 Attachments:
 Photographs:

Sites Monitored

Circle One: ☒ Plant Site ☐ Access Road ☒ Gas Line ☐ Transmission Line ☐ Other (explain)

Activity Log: 0500-0538 cleared area prior to start of work
 0550-0620 conducted tailboard meeting with gas pipeline crew
 0640-0836 walked fence patrol for unit 2
 0845-1500 monitored installation of gas pipeline under I-10 freeway
 1500-1600 installed lock on freezer
 1600-1701 investigated avian mortality unit 2 row 54 terrace A

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Work area cleared prior to start of work
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two ravens observed flying by Wiley's well rest stop
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Desert iguana
 Raven
 Turkey vulture
 Desert scorpion

ATTACHMENT 4

SURVEY DATA FORMS

Evaporation Pond Monitoring Form

GENESIS SOLAR ENERGY PROJECT

MONTHLY EVAPORATION POND MONITORING (BIO-21)

Date	07/15/2013	Biomonitor	M. RATABUN
Sunrise Time	5:40 AM	Sunset Time	7:51 PM

Note: All three surveys must be completed on the same day

DAWN SURVEY (two hours after sunrise)

Start Time	End Time
5:58 AM	7:58 AM

1. Netted ponds effective in excluding birds? ☐ Yes ☒ No

Comments for #1: A BROWN-HEADED COWBIRD WAS SEEN INSIDE FENCE ON SOUTH POND, IT LATER LEFT THROUGH FENCE

2. Do nets pose an entrapment hazard to birds and/or wildlife? ☐ Yes ☐ No

Comments for #2:

3. Structural Integrity - are nets intact and functioning? ☒ Yes ☐ No

Comments for #3:

4. Were any dead or entangled wildlife observed? ☒ Yes ☐ No

(If yes, report to DB IMMEDIATELY and fill out Avian Reporting Tapform)

Comments for #4: I saw a dead CHAETODIPUS (Pocket Mouse) and several scorpions dead in pond Basin, not Fence.

MIDDAY SURVEY (i.e. 1100 to 1300)

Start Time	End Time
12:30 AM/PM	1:30 AM/PM

1. Netted ponds effective in excluding birds? ☒ Yes ☐ No

Comments for #1: NO BIRDS INSIDE FENCE OBSERVED

2. Were any dead or entangled wildlife observed? ☐ Yes ☒ No

(If yes, report to DB IMMEDIATELY and fill out Avian Reporting Tapform)

Comments for #2:

DUSK SURVEY (two hours preceding sunset)

Start Time	End Time
5:30 PM	7:51 PM

1. Netted ponds effective in excluding birds? ☐ Yes ☒ No

Comments for #1: BHCO goes in & out of fence at will. very little bird activity at all.

2. Were any dead or entangled wildlife observed? ☐ Yes ☒ No

(If yes, report to DB IMMEDIATELY and fill out Avian Reporting Tapform)

Comments for #2: Nothing dead that wasn't mentioned before.

Common Raven Fixed Point Survey Data Table

Genesis Solar - CORA Fixed Point Observation Summary Report (Part 1 of 2)



Monitor	Date	CORA Observation Point	Start Time	End Time	Minimum Visibility (m)	Maximum Visibility (m)	Wind Direction	Wind Speed (mph)	Precipitation	Temp. (°F)	Cloud Cover
Eric German	7/10/2013	R1. 691217 W, 3722767 N	6:39:00 AM	6:49:00 AM	99999	99999	N	1	None	86	70%
Eric German	7/10/2013	R2. 686736 W, 3726215 N	7:17:00 AM	7:27:00 AM	99999	99999	N	1	None	86	65%
Eric German	7/10/2013	R7. 686177 W, 3725504 N	7:38:00 AM	7:48:00 AM	99999	99999	S	1	None	88	70%
Michael Rathbun	7/10/2013	R6. 687910 W, 3726586 N	6:20:00 AM	6:30:00 AM	99999	99999	SW	1	None	86	70%
Michael Rathbun	7/10/2013	R5. 685761 W, 3727662 N	6:49:00 AM	6:59:00 AM	99999	99999	SE	1	None	87	70%
Michael Rathbun	7/10/2013	R3. 683684 W, 3727437 N	7:10:00 AM	7:20:00 AM	99999	99999	SE	1	None	87	75%
Michael Rathbun	7/10/2013	R4. 683203 W, 3727508 N	7:32:00 AM	7:42:00 AM	99999	99999	SE	2	None	86	75%
Michael Rathbun	7/23/2013	R6. 687910 W, 3726586 N	6:12:00 AM	6:22:00 AM	99999	99999	SE	2	None	81	0%
Michael Rathbun	7/23/2013	R2. 686736 W, 3726215 N	6:40:00 AM	6:50:00 AM	99999	99999	SE	2	None	84	0%
Michael Rathbun	7/23/2013	R7. 686177 W, 3725504 N	6:57:00 AM	7:07:00 AM	99999	99999	SE	2	None	86	0%
Michael Rathbun	7/23/2013	R5. 685761 W, 3727662 N	7:17:00 AM	7:27:00 AM	99999	99999	SE	2	None	87	0%
Michael Rathbun	7/23/2013	R4. 683203 W, 3727508 N	7:42:00 AM	7:52:00 AM	99999	99999	SE	3	None	88	0%
Michael Rathbun	7/23/2013	R3. 683684 W, 3727437 N	8:15:00 AM	8:25:00 AM	99999	99999	SE	2	None	89	0%
Michael Rathbun	7/23/2013	R1. 691217 W, 3722767 N	9:00:00 AM	9:10:00 AM	99999	99999	E	4	None	91	0%

Genesis Solar - CORA Fixed Point Observation Summary Report (Part 2 of 2)



Monitor	Date	CORA Observation Point	Observation Time	Sex	Age	No. of CORA	Activity	Flight Direction (to)	1 st Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
Eric German	7/10/2013	R7. 686177 W, 3725504 N	-	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Eric German	7/10/2013	R2. 686736 W, 3726215 N	-	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Eric German	7/10/2013	R1. 691217 W, 3722767 N	-	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Michael Rathbun	7/10/2013	R6. 687910 W, 3726586 N	6:20:00 AM	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Michael Rathbun	7/10/2013	R5. 685761 W, 3727662 N	6:49:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Michael Rathbun	7/10/2013	R4. 683203 W, 3727508 N	7:32:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Michael Rathbun	7/10/2013	R3. 683684 W, 3727437 N	7:10:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Michael Rathbun	7/23/2013	R6. 687910 W, 3726586 N	-	-	-	0	-	-	-	-	-	-	-	No CORA observed.
Michael Rathbun	7/23/2013	R5. 685761 W, 3727662 N	-	-	-	0	-	-	-	-	-	-	-	No CORA observed.
Michael Rathbun	7/23/2013	R4. 683203 W, 3727508 N	-	-	-	0	-	-	-	-	-	-	-	No CORA observed.
Michael Rathbun	7/23/2013	R3. 683684 W, 3727437 N	-	-	-	0	-	-	-	-	-	-	-	No CORA observed.
Michael Rathbun	7/23/2013	R7. 686177 W, 3725504 N	-	-	-	0	-	-	-	-	-	-	-	No CORA observed.
Michael Rathbun	7/23/2013	R2. 686736 W, 3726215 N	-	-	-	0	-	-	-	-	-	-	-	No CORA observed.
Michael Rathbun	7/23/2013	R1. 691217 W, 3722767 N	-	-	-	0	-	-	-	-	-	-	-	No CORA observed.

Avian Reporting Data Table and Reporting Data Forms

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Eric German	7/1/2013	Construction	Access road (incidental)	Fatality	Dismembered Carcass	1-5 (fluid in eyes)	Carcass reported Saturday. Carcass moved off road for disposal on Monday by DB. Carcass missing when DB arrived. Some downy feathers found. Probable scavenge.	Barn Owl	Buff and white	Unk	Unk	NO	Cloudy	100	Calm	Creosote Bush Scrub	DB and compliance manager	6/30/2013	9:00:00 AM	Bird remained in place. Instructed reporting party to contact compliance to remove. If compliance not available carcass to be moved off road area to prevent further damage. Deceased Owl was moved to bush on south side of road for later disposal. Only feathers found Monday.	Bird was likely scavenged by mammals. No remains other than a few feathers.
Eric German	7/1/2013	Operations	Evaporation Pond Monitoring	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact.	Cliff swallow	Rufus neck. White nose patch	Unk	Adult	NO	Cloudy	102	Calm	Other (note)	Compliance manager. Discovered by DB.	7/1/2013	10:30:00 AM	Bird removed for disposal by burial.	Proximate to evap ponds. While investigating found two live yellow headed blackbirds. One in south evap pond one in north evap pond. Additional yellow headed blackbird mortality found within south pond enclosure. Report forthcoming.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Eric German	7/1/2013	Construction	Plant Site (incidental)	Injury	N/A	N/A	Bird appears hot, very lethargic. In shock possibly due to heat.	Red tailed hawk	Dark morph	Fem	Unk	NO	Partly Sunny	110	Calm	Other (note)	Compliance manager and db	7/1/2013	2:00:00 PM	Bird was brought to rehabilitation center in Blythe.	Rtha in power block proximate to person working. Beak open.
Eric German	7/1/2013	Construction	Plant Site (incidental)	Injury	N/A	N/A	Not walking well. Did not flush.	Ruddy duck	Dark top of head whitish cheeks flattened blue grey bill	Fem	Unk	NO	Cloudy	90	Calm	Other (note)	Compliance manager and designated biologist.	7/1/2013	6:40:00 AM	Brought to Blythe rehabilitation.	Collected from assembly building area. Habitat construction staging by building; bare ground
Ron Walker	7/1/2013	Operations	Evaporation Pond Monitoring	Fatality	Intact Carcass	1-5 (fluid in eyes)	Yellow headed blackbird found on ground, intact	Yellow headed blackbird	Brown body, yellowish head	Fem	Unk	NO	Sunny	103	Calm	Bare Ground	Designated biologist	7/1/2013	10:07:00 AM	Removed carcass and buried outside of project site	N/A
Eric German	7/2/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Bird did not appear to have trauma	Mourning dove	Grey	Unk	Adult	NO	Cloudy	95	Calm	Other (note)	Compliance manager and DB notified.	7/1/2013	1:30:00 PM	Bird removed and disposed by burial.	Bird was reported on July 1
Ron Walker	7/3/2013	Operations	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass appeared to be 2-3 days old	Barn owl	White face, brown/tan back	Unk	Adult	NO	Sunny	104	Calm	Other (note)	Eric German	7/2/2013	3:30:00 PM	Retrieved owl and buried off site	N/A
Eric German	7/8/2013	Construction	Plant Site (incidental)	Injury	N/A	N/A	Bird was moving. Beak gaping. Allowed self to be captured.	Western Tanager	Greenish feathers. No orange/red head.	Fem	Adult	NO	Partly Sunny	100	Calm	Other (note)	Compliance and DB.	7/8/2013	11:00:00 AM	Bird collected and brought to Blythe rehabilitation center.	Bird brought to Blythe rehabilitation location. Found in mirrors by crew. Unit 2, block 9, row 52.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Eric German	7/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass located within electrical building (no doors).	Great Blue Heron	Greyish blue feathers	Unk	Adult	NO	Partly Sunny	102	Calm	Other (note)	Environmental Manager and DB.	7/8/2013	9:30:00 AM	Bird was removed and disposed by burial. Buried at NAD83 3720479 696323	N/A
Eric German	7/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass located in 5 gallon bucket with water. Bird may have drowned.	American kestrel		Unk	Adult	NO	Cloudy	100	Calm	Other (note)	Environmental Manager and DB	7/8/2013	9:00:00 AM	Bird removed and disposed, bucket emptied.	Power block 2, in 5 gallon bucket bird mortality reported by contractor.
Michael Rathbun	7/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact, sunken eyes, some smell, no ants, maggots, etc.	American coot	Dark grey body, black head, webbed feet	Unk	Adult	NO	Sunny	102	Calm	Creosote Bush Scrub	The Designated Biologist	7/8/2013	8:30:00 AM	Notified DB. Transferred off site and buried.	N/A
Michael Rathbun	7/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact, sunken eyes, no smell, some ants, no maggots	Yellow-headed black bird	Black bird, yellow head, white wing patch	Male	Adult	NO	Sunny	102	Calm	Creosote Bush Scrub	Designated Biologist	7/8/2013	8:35:00 AM	Notified DB, carried carcass off site and buried.	N/A
Michael Rathbun	7/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass perfectly intact as animal was alive earlier in day.	Western Pipestrelle? Myotis?	Tan fur, dark snout, ears, tail	Unk	Adult	NO	Sunny	110	Calm	Creosote Bush Scrub	Designated Biologist	7/8/2013	12:30:00 PM	Buried offsite after it was found deceased.	N/A

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Eric German	7/9/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Drying out found on ground.	Unknown (bat)	Black around edges less than two inches	Unk	Unk	NO	Partly Sunny	106	Calm	Other (note)	Compliance Manager and DB.	7/9/2013	10:00:00 AM	Animal originally not found. Contractor found later.	N/A
Michael Rathbun	7/9/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact and very dry, no ants or maggots	Greater Roadrunner	Greenish feathers	Fem	Adult	NO	Sunny	98	Calm	Creosote Bush Scrub	DB	7/9/2013	12:41:00 PM	Buried carcass off site after notifying DB.	N/A
Michael Rathbun	7/9/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass was intact, animal was alive when found but expired within 10 minutes of moving.	Western pipistrelle	Tan fur with dark nose, ears, and tail	Unk	Adult	NO	Cloudy	105	Calm	Creosote Bush Scrub	DB	7/9/2013	3:02:00 PM	Buried carcass off site	N/A
Eric German	7/10/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Bird had been seen at power block 2 at 1330 and was reported to be heat stressed. Observer saw bird fly nw at 1345. At 1515 report of bird mortality unit 1 block 5 mirror row 52. Carcass intact, no rigor, possible cervical dislocation noted when animal was removed.	Brown Pelican	Gray brown body. Gray feet.	Unk	Unk	NO	Partly Sunny	109	Calm	Other (note)	Compliance and DB notified.	7/10/2013	1:30:00 PM	Bird was searched for when reported alive. Bird not found. Remains collected and disposed of by burial.	Bird had been seen flying prior to discovery in solar field.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Eric German	7/16/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass was worn and located in an area of pipes and welding.	Lesser Nighthawk	White wing bars.	Unk	Adult	NO	Sunny	108	Calm	Other (note)	USFWS and CDFW	7/16/2013	1:30:00 PM	Contacted agencies at same time as 7/16 cliff swallow. CDFW representative collected 1730.	Bare ground near power block 1.
Eric German	7/16/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	When bird was first observed it was not moving and lying on stomach but some breathing. Expired before it could be taken to rehab.	Cliff swallow	Rufous neck	Unk	Adult	NO	Sunny	108	Calm	Other (note)	USFWS and CDFW	7/16/2013	1:30:00 PM	Contacted agencies. CDFW representative collected 1730.	Beneath power block structure.
Michael Rathbun	7/16/2013	Construction	Plant Site (incidental)	Injury	N/A	N/A	Still alive	Canyon Bat	Tan fur with dark ears, nose, and tail.	Unk	Unk	NO	Sunny	102	Calm	Creosote Bush Scrub	DB	7/16/2013	7:00:00 AM	Saw and identified and DB took action by notifying agencies.	N/A
Eric German	7/17/2013	Construction	Plant Site (incidental)	Injury	Intact Carcass	N/A	Bat was brought to 1400 meeting by construction personnel. The bat had been in assembly building. Inspected bat and brought to rehabilitation for release.	Canyon bat	Greyish brown with dark edges.	Unk	Unk	NO	Sunny	108	Calm	Other (note)	CDFW notified.	7/17/2013	2:50:00 PM	Contacted CDFW, discussed releasing at day roost. Talked with rehab. Decision was made to bring bat to rehab.	Habitat was within building.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Ron Walker	7/17/2013	Operations	Plant Site (incidental)	Injury	Intact Carcass	N/A	Injured bat, left wing appeared to be injured. Other than potentially injured wing, bat appeared healthy.	Myotis sp.	Brown/grey	Unk	Unk	NO	Sunny	109	Calm	Other (note)	Eric German	7/17/2013	1:25:00 PM	Bat monitored during work hours and left in place	Small bat found in section 22W of unit 2 power block, bat on concrete foundation of power block, bat appeared to have injured left wing, bat left in place
Michael Rathbun	7/18/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass in intact condition	Brown-headed cowbird	Black body with brown head	Male	Adult	NO	Sunny	95	Calm	Creosote Bush Scrub	I notified DB	7/18/2013	12:47:00 PM	Carcass left in place as instructed by DB	N/A
Michael Rathbun	7/18/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass is intact and good condition	Cliff swallow	Tan throat and rump	Unk	Unk	NO	Sunny	102	Calm	Creosote Bush Scrub	DB notified me about a bird and I identified for him to pass along.	7/18/2013	11:27:00 AM	Left carcass in place as instructed by DB	N/A
Eric German	7/18/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Bat appeared to be fatality. Possibly some movement. Placed in air conditioned vehicle. No movement. Bat deceased.	Canyon bat	Greyish brown with dark edges.	Unk	Unk	NO	Sunny	109	Calm	Other (note)	CDFW notified.	7/18/2013	2:45:00 PM	Contacted CDFW prior to removing from construction area and assessing mortality status.	Habitat was in power block.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Eric German	7/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass on bare ground in vicinity of power blocks.	Unknown Bat	Brown	Unk	Unk	NO	Partly Sunny	102	Calm	Other (note)	CDFW	7/19/2013	12:15:00 PM	CDFW escorted to bat and bat was removed.	Habitat bare ground proximate to power block.
Ron Walker	7/24/2013	Operations	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass fairly dessicated, intact body	Say's phoebe	Light buff color on breast, darker grey on neck	Unk	Unk	NO	Partly Sunny	105	Calm	Other (note)	Eric German, designated biologist	7/23/2013	1:57:00 PM	Called CDFW, on 7/24. Ms Kendra Peters came out to site and removed bird at 1:57 PM.	Bird picked up by CDFW Kendra Peters on 7/24/13
Ron Walker	7/29/2013	Operations	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass intact, 2-3 days old	Cowbird	Brown	Fem	Unk	NO	Sunny	100	Calm	Other (note)	Ron Walker and Ed Nieves	7/29/2013	11:00:00 AM	Bird picked up, bagged and placed in freezer, Ed Nieves of USFWS was notified of collection	Ed Nieves of USFWS was notified and advised us to pick up carcass and label and put in freezer, female cowbird, photos sent to Amy Gardner and Eric German
Ron Walker	7/29/2013	Operations	Plant Site (incidental)	Fatality	Dismembered Carcass	30+ (bones)	Scattered remains of Great Blue Heron, cause of death unknown, very old carcass, totally desiccated	Great blue heron	Bluish grey	Unk	Unk	NO	Sunny	106	Calm	Other (note)	Ron Walker and Ed Nieves	7/29/2013	3:02:00 PM	Carcass remains picked up and bagged and placed in freezer, Ed Nieves of USFWS was notified	Great Blue Heron remains discovered scattered over a 50 foot area, bird parts collected and bagged and placed in freezer

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
																	Who	Date	Time		
Eric German	7/30/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass on back and intact. No ants.	Brown-headed Cowbird	Large beak, paler than black feathers.	Fem	Unk	NO	Sunny	106	Calm	Other (note)	USFWS	7/30/2013	3:10:00 PM	Left in place. Contacted USFWS for guidance.	Salvaged and placed in freezer 0645, 07/31/2013.
Eric German	7/31/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass appears older, beginning to disarticulate. Feathers worn with matting.	American Kestrel	Brownish red	Fem	Adult	NO	Sunny	106	Calm	Other (note)	USFWS	7/31/2013	10:30:00 AM	Left in place.	Mortality located within north evap pond. Location pictures taken 8/1/13.
Eric German	7/31/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass worn. Intact.	Great tailed grackle	Long tail black	Unk	Adult	NO	Sunny	109	Calm	Other (note)	USFWS law enforcement	8/1/2013	8:30:00 AM	Left in place. Could not be located for USFWS law enforcement collection.	Habitat. Rip rap beneath drain pipe. Bare ground around.

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/1/2013 Observer: Eric GermanType of Incident (circle one): ☒ Injury / Fatality / Nest

Condition (circle one): Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Bird appears hot, very lethargic. In shock possibly due to heat.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726323 UTM E: 686968

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Bird was in power block 2 area 15.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): rthaColor/Markings: Dark morphSex (circle one): Male / ☒ Female / Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 110Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance manager and db on 7/1/2013 2:00:00 PMActions Taken (e.g., left in place, taken to rehab): Bird was brought to rehabilitation center in Blythe.

COMMENTS:

Rtha in power block proximate to person working. Beak open.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Mon Jul 1 15:24:50 PDT 2013
Position: 11 N 728630 3720665
Altitude: 282ft
Azimuth/Bearing: 134° S46E 2382mils (True)
Elevation Angle: -00.2°
Horizon Angle: +00.9°
Zoom: 1X
red tail



Date & Time: Mon Jul 1 15:25:03 PDT 2013
Position: 11 N 728638 3720662
Altitude: 282ft
Azimuth/Bearing: 158° S22E 2809mils (True)
Elevation Angle: -01.6°
Horizon Angle: -00.1°
Zoom: 1X
red tail



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/1/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): Intact Carcass / ☒ Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass reported Saturday. Carcass moved off road for disposal on Monday by DB. Carcass missing when DB arrived. Some downy feathers found. Probable scavenger.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725480 UTM E: 687980

Found Near (circle one):

Solar Trough / Evaporation Pond / ☒ Road / Power Line / Other (explain below)Location Details: Owl mortality reported Saturday. Remains moved from road area for disposal on Monday.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Barn OwlColor/Markings: Buff and white.

Sex (circle one): -Male / Female / Unknown Age (circle one): -Adult / Juvenile / Unknown

Is Animal Tagged? (circle one): -Yes / No

Identification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 100Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes

Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? DB and compliance manager. on 6/30/2013 9:00:00 AMActions Taken (e.g., left in place, taken to rehab): Bird remained in place. Instructed reporting party to contact compliance to remove. If compliance not available carcass to be moved off road area to prevent further damage. Deceased Owl was moved to bush on south side of road for later disposal. Only feathers found Monday.

COMMENTS:

Bird was likely scavenged by mammals. No remains other than a few feathers.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Mon Jul 1 09:47:07 PDT 2013
Position: 11 N 687980 3725480
Altitude: 403ft
Azimuth/Bearing: 274° N86W 4871mils (True)
Elevation Angle: -47.6°
Horizon Angle: +07.6°
Zoom: 1X
ceThers of barn owl?



Avian and Wildlife Reporting Form

***** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. *****

INCIDENT DETAILS

Observation Made During (circle one):

☒ Evaporation Pond Monitoring / ☐ Scheduled Mortality Survey / ☐ Incidental

Date: 7/1/2013 Observer: Eric German

Type of Incident (circle one): ☐ Injury / ☒ Fatality / ☐ Nest

Condition (circle one): ☒ Intact Carcass / ☐ Dismembered Carcass / ☐ Feathers Only

Age of Remains (circle one): ☒ 1-5 (fluid filled eyes) / ☐ 6-30 (maggots) / ☐ 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727430 UTM E: 685607

Found Near (circle one):

☐ Solar Trough / ☒ Evaporation Pond / ☐ Road / ☐ Power Line / ☐ Other (explain below)

Location Details: Bare ground proximate to evap pond.

IDENTIFICATION

☒ Bird / ☐ Bat / ☐ Unknown / ☐ Other (circle one)

Species (if unknown, write 'unknown'): Cliff swallow

Color/Markings: Rufus neck. White nose patch

Sex (circle one): ☐ Male / ☐ Female / ☒ Unknown Age (circle one): ☒ Adult / ☐ Juvenile / ☐ Unknown

Is Animal Tagged? (circle one): ☐ Yes / ☒ No

Identification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☐ Clear / ☐ Fog / ☒ Cloudy / ☐ Rain

Approx. Temperature (circle one): ☐ °F / °C: 102

Wind (circle one): ☒ Calm / ☐ Gusty / ☐ Storm / ☐ Violent Storm

Habitat (circle all that apply):

☐ Bare Ground / ☐ Creosote Bush Scrub / ☐ Sand Dunes
☐ Sand Drifts over Playa / ☐ Ephemeral Wash / ☐ Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance manager. Discovered by DB. on 7/1/2013 10:30:00 AM

Actions Taken (e.g., left in place, taken to rehab): Bird removed for disposal by burial.

COMMENTS:

Proximate to evap ponds. While investigating found two live yellow headed blackbirds. One in south evap pond one in north evap pond. Additional yellow headed blackbird mortality found within south pond enclosure. Report forthcoming.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Mon Jul 1 11:15:20 PDT 2013
Position: 11 N 685602 3727431
Altitude: 393ft
Azimuth/Bearing: 332° N28W 5902mils (True)
Elevation Angle: -74.6°
Horizon Angle: +49.9°
Zoom: 1X
nird mortality north exap pond



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/1/2013 Observer: Eric GermanType of Incident (circle one): ☒ Injury / Fatality / Nest

Condition (circle one): Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Not walking well. Did not flush.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726927 UTM E: 685588

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Near building, bare ground

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Ruddy duckColor/Markings: Dark top of head whitish cheeks flattened blue grey billSex (circle one): Male / ☒ Female / Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: Maybe juvenile female

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 90Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance manager and designated biologist. on 7/1/2013 6:40:00 AMActions Taken (e.g., left in place, taken to rehab): Brought to Blythe rehabilitation.

COMMENTS:

Collected from assembly building area. Habitat construction staging by building: bare ground

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Date & Time: Mon Jul 1 07:52:25 PDT 2013
Position: 11 N 728633 3720655
Altitude: 287ft
Azimuth/Bearing: 294° N66W 5227mils (True)
Elevation Angle: -80.0°
Horizon Angle: +08.4°
Zoom: 1X
injured bird



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

☒ Evaporation Pond Monitoring / ☐ Scheduled Mortality Survey / ☐ IncidentalDate: 7/1/2013 Observer: Ron WalkerType of Incident (circle one): ☐ Injury / ☒ Fatality / ☐ NestCondition (circle one): ☒ Intact Carcass / ☐ Dismembered Carcass / ☐ Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / ☐ 6-30 (maggots) / ☐ 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Yellow headed blackbird found on ground, intact

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727349 UTM E: 685776

Found Near (circle one):

☐ Solar Trough / ☒ Evaporation Pond / ☐ Road / ☐ Power Line / ☐ Other (explain below)Location Details: Eastern edge of southern evaporation pond, bird within two feet of netting, at top of pond berm

IDENTIFICATION

☒ Bird / ☐ Bat / ☐ Unknown / ☐ Other (circle one)Species (if unknown, write 'unknown'): Yellow headed blackbirdColor/Markings: Brown body, yellowish headSex (circle one): Male / ☒ Female / ☐ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / ☐ Fog / ☐ Cloudy / ☐ RainApprox. Temperature (circle one): ☐ °F / °C: 103Wind (circle one): ☒ Calm / ☐ Gusty / ☐ Storm / ☐ Violent Storm

Habitat (circle all that apply):

☒ Bare Ground / ☐ Creosote Bush Scrub / ☐ Sand Dunes
☐ Sand Drifts over Playa / ☐ Ephemeral Wash / ☐ Desert Pavement

NOTIFICATION

Who was notified, and When? Designated biologist on 7/1/2013 10:07:00 AMActions Taken (e.g., left in place, taken to rehab): Removed carcass and buried outside of project site

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Mon Jul 1 11:07:39 PDT 2013
Position: 11 N 685778 3727351
Altitude: 381ft
Azimuth/Bearing: 238° S58W 4231mils (True)
Elevation Angle: -51.0°
Horizon Angle: +02.0°
Zoom: 1X
yellow headed blackbird evap pond



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/2/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Bird did not appear to have trauma

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726323 UTM E: 686968

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Power block 2 pipe rack

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Mourning dove.Color/Markings: GreySex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 95Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance manager and DB notified. on 7/1/2013 1:30:00 PMActions Taken (e.g., left in place, taken to rehab): Bird removed and disposed by burial.

COMMENTS:

Bird was reported on July 1

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Tue Jul 3 13:33:28 PDT 2018
Position: 11 N 095242 3720428
Altitude: 400ft
Azimuth/Bearing: 029° N29E 0516mils (True)
Elevation Angle: -42.4°
Horizon Angle: +45.0°
Zoom: 1X
mouring do & mortality pb 2



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/3/2013 Observer: Ron WalkerType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass appeared to be 2-3 days old

LOCATION

DATUM: - UTM N: 3726436 UTM E: 686891

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Found at base of pipe rack in power block area of unit 2, next to dirt access road

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Barn owlColor/Markings: White face, brown/tan backSex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 104Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Eric German on 7/2/2013 3:30:00 PMActions Taken (e.g., left in place, taken to rehab): Retrieved owl and buried off site

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Wed Jul 3 07:58:03 PDT 2013
Position: 11 N 686891 3726436
Altitude: 462ft
Azimuth/Bearing: 297° S87W 474mils (True)
Elevation Angle: +49.5°
Horizon Angle: +00.0°
Zoom: 1X
barn owl unit 2 pipe rack area in power block



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/8/2013 Observer: Michael RathbunType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Intact, sunken eyes, some smell, no ants, maggots, etc.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3728049 UTM E: 684278

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: 20 feet north of solar trough next to a small shed on north side of Unit 1.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): American cootColor/Markings: Dark grey body, black head, webbed feetSex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: No question it was an American coot.

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 102Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? The Designated Biologist on 7/8/2013 8:30:00 AMActions Taken (e.g., left in place, taken to rehab): Notified DB. Transferred off site and buried.

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/8/2013 Observer: Michael RathbunType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass perfectly intact as animal was alive earlier in day.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726214 UTM E: 687909

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Found in admin building entrance. It was moved to the permanent bridge on east side of unit 2 where it had later expired.

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Western Pipestrelle? Myotis?Color/Markings: Tan fur, dark snout, ears, tailSex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 110Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Designated Biologist on 7/8/2013 12:30:00 PMActions Taken (e.g., left in place, taken to rehab): Buried offsite after it was found deceased.

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/8/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass located within electrical building (no doors).

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726323 UTM E: 686968

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Electrical building power block 2.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Great Blue HeronColor/Markings: Greyish blue feathersSex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 102Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Environmental Manager and DB. on 7/8/2013 9:30:00 AMActions Taken (e.g., left in place, taken to rehab): Bird was removed and disposed by burial. Buried at NAD83 3720479 696323

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Date & Time: Mon Jul 8 09:10:20 PDT 2013
Position: 11 N 687073 3726399
Altitude: 392ft
Azimuth Bearing: 83.1° 309W 5884ms (Time)
Elevation Angle: -88.1°
Horizon Angle: +69.3°
Zoom: 1X
gbf: mortality within building pb2



Avian and Wildlife Reporting Form

***** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. *****

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☐ Incidental

Date: 7/8/2013 Observer: Eric German

Type of Incident (circle one): Injury / ☐ Fatality / Nest

Condition (circle one): ☐ Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): ☐ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass located in 5 gallon bucket with water. Bird may have drowned.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726368 UTM E: 687059

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☐ Other (explain below)

Location Details: Water bucket south of demineralization tank power block 2.

IDENTIFICATION

☐ Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): American kestrel.

Color/Markings: -

Sex (circle one): Male / Female / ☐ Unknown Age (circle one): ☐ Adult / Juvenile / Unknown

Is Animal Tagged? (circle one): Yes / ☐ No

Identification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☐ Cloudy / Rain

Approx. Temperature (circle one): ☐ °F / °C: 100

Wind (circle one): ☐ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Environmental Manager and DB on 7/8/2013 9:00:00 AM

Actions Taken (e.g., left in place, taken to rehab): Bird removed and disposed, bucket emptied.

COMMENTS:

Power block 2, in 5 gallon bucket bird mortality reported by contractor.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Mon Jul 8 08:48:06 PDT 2013
Position: 11 N 68°05'23.726370
Altitude: 393 ft
Azimuth/Bearing: 047° N47E 0.836 miles (True)
Elevation Angle: -87.7°
Horizon Angle: +75.1°
Zoom: 1X
kestrel mortality.bucket



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/8/2013 Observer: Eric GermanType of Incident (circle one): ☒ Injury / Fatality / Nest

Condition (circle one): Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): -1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Bird was moving. Beak gaping. Allowed self to be captured.

LOCATION

DATUM: _____ UTM N: _____ UTM E: _____

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: No utms taken. Unit 2 block 9 row 52. North end of mirrors.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Western Tanager.Color/Markings: Greenish feathers. No orange/red head.Sex (circle one): Male / ☒ Female / Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 100Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance and DB. on 7/8/2013 11:00:00 AMActions Taken (e.g., left in place, taken to rehab): Bird collected and brought to Blythe rehabilitation center.

COMMENTS:

Bird brought to Blythe rehabilitation location. Found in mirrors by crew. Unit 2, block 9, row 52.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/8/2013 Observer: Michael RathbunType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Intact, sunken eyes, no smell, some ants, no maggots

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727402 UTM E: 683446

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: Unit 1, block 3, at the north end and below solar array on west side.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Yellow-headed black birdColor/Markings: Black bird, yellow head, white wing patchSex (circle one): ☒ Male / Female / Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: No question

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 102Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

☒ Bare Ground / ☒ Creosote Bush Scrub / ☐ Sand Dunes
☐ Sand Drifts over Playa / ☐ Ephemeral Wash / ☐ Desert Pavement

NOTIFICATION

Who was notified, and When? Designated Biologist on 7/8/2013 8:35:00 AMActions Taken (e.g., left in place, taken to rehab): Notified DB, carried carcass off site and buried.

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/9/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Drying out found on ground.

LOCATION

DATUM: - UTM N: - UTM E: -

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Located in power block 1. No utms provided.

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): UnknownColor/Markings: Black around edges less than two inchesSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 106Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance Manager and DB. on 7/9/2013 10:00:00 AMActions Taken (e.g., left in place, taken to rehab): Animal originally not found. Contractor found later.

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Tue Jul 9 15:21:00 EDT 2013
Position: 11 N 643372 3128021
Altitude: 39.2ft
Azimuth/Bearing: 504° N68W° 5404mils (True)
Elevation Angle: -73.4°
Horizon Angle: +90.0°
Zoom: 1X
bat mortality from plot



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/9/2013 Observer: Michael RathbunType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass was intact, animal was alive when found but expired within 10 minutes of moving.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727607 UTM E: 685729

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Found in fabrication tent near coolers

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Western pipistrelleColor/Markings: Tan fur with dark nose, ears, and tailSex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 105Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? DB on 7/9/2013 3:02:00 PMActions Taken (e.g., left in place, taken to rehab): Buried carcass off site

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/9/2013 Observer: Michael RathbunType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Intact and very dry, no ants or maggots

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726766 UTM E: 684402

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Outside permanent fence but inside temporary DT fence directly south of structure.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Greater RoadrunnerColor/Markings: Greenish feathersSex (circle one): Male / ☒ Female / Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: Large bill, long tail

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 98Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes

Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? DB on 7/9/2013 12:41:00 PMActions Taken (e.g., left in place, taken to rehab): Buried carcass off site after notifying DB.

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/10/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Bird had been seen at power block 2 at 1330 and was reported to be heat stressed. Observer saw bird fly nw at 1345. At 1515 report of bird mortality unit 1 block 5 mirror row 52. Carcass intact, no rigor, possible cervical dislocation noted when animal was removed.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727672 UTM E: 685376

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: Shaded side of solar mirror. No heat from mirrors in location of bird mortality.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Brown PelicanColor/Markings: Gray brown body. Gray feet.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 109Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance and DB notified. on 7/10/2013 1:30:00 PMActions Taken (e.g., left in place, taken to rehab): Bird was searched for when reported alive. Bird not found. Remains collected and disposed of by burial.

COMMENTS:

Bird had been seen flying prior to discovery in solar field.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Date & Time: Wed Jul 10 16:01:09 PDT 2013
Position: 11 N 883363 2740295
Altitude: 380R
Azimuth Bearing: 295 N04W 8329mbs (True)
Elevation Angle: -65.6°
Magnet Angle: -82.9°
Zoom: 1X
pelican mobility



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/16/2013 Observer: Michael RathbunType of Incident (circle one): ☒ Injury / Fatality / Nest

Condition (circle one): Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Still alive

LOCATION

DATUM: - UTM N: 33.6719 UTM E: 114.9967

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Found in structure alive but was taken to rehab off site.

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Canyon BatColor/Markings: Tan fur with dark ears, nose, and tail.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: Tragus is round

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 102Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes

Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? DB on 7/16/2013 7:00:00 AMActions Taken (e.g., left in place, taken to rehab): Saw and identified and DB took action by notifying agencies.

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/16/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: When bird was first observed it was not moving and lying on stomach but some breathing. Expired before it could be taken to rehab.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727287 UTM E: 684625

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: In power block on pipe stand.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Cliff swallowColor/Markings: Rufous neck.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 108Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? USFWS and CDFW on 7/16/2013 1:30:00 PMActions Taken (e.g., left in place, taken to rehab): Contacted agencies. CDFW representative collected 1730.

COMMENTS:

Beneath power block structure.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Tue Jul 16 13:25:34 PDT 2013
Position: 11 N 864625 3727287
Altitude: 386ft
Azimuth/Bearing: 300° N80W 5333mils (True)
Elevation Angle: -33.2°
Horizon Angle: +05.9°
Zoom: 1X
city: swallow pb1



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/16/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): 1-5 (fluid filled eyes) / ☒ 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass was worn and located in an area of pipes and welding.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727312 UTM E: 684746

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: East of power block near welding area and lunch area.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Lesser NighthawkColor/Markings: White wing bars.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 108Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? USFWS and CDFW on 7/16/2013 1:30:00 PMActions Taken (e.g., left in place, taken to rehab): Contacted agencies at same time as 7/16 cliff swallow. CDFW representative collected 1730.

COMMENTS:

Bare ground near power block 1.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Tue Jul 16 13:31:58 PDT 2013
Position: 11 N 684745 3727312
Altitude: 385ft
Azimuth Bearing: 319° N41W 5671mils (True)
Elevation Angle: -14.3°
Declination Angle: -33.3°
Zoom: 1X
nighthawk mortality



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/17/2013 Observer: Ron WalkerType of Incident (circle one): ☒ Injury / Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Injured bat, left wing appeared to be injured. Other than potentially injured wing, bat appeared healthy.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726436 UTM E: 686957

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Bat found in section 22W of power block in unit 2, bat on concrete floor of power block

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Myotis sp.Color/Markings: Brown/greySex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 109Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Eric German on 7/17/2013 1:25:00 PMActions Taken (e.g., left in place, taken to rehab): Bat monitored during work hours and left in place

COMMENTS:

Small bat found in section 22W of unit 2 power block, bat on concrete foundation of power block, bat appeared to have injured left wing, bat left in place

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☐ IncidentalDate: 7/17/2013 Observer: Eric GermanType of Incident (circle one): ☐ Injury / Fatality / NestCondition (circle one): ☐ Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Bat was brought to 1400 meeting by construction personnel. The bat had been in assembly building. Inspected bat and brought to rehabilitation for release.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726919 UTM E: 685583

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☐ Other (explain below)Location Details: Bat was in assembly building with workers present. Photo taken 7/18 of location.

IDENTIFICATION

Bird / ☐ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Canyon batColor/Markings: Greyish brown with dark edges.Sex (circle one): Male / Female / ☐ Unknown Age (circle one): Adult / Juvenile / ☐ UnknownIs Animal Tagged? (circle one): Yes / ☐ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☐ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☐ °F / °C: 108Wind (circle one): ☐ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? CDFW notified. on 7/17/2013 2:50:00 PMActions Taken (e.g., left in place, taken to rehab): Contacted CDFW, discussed releasing at day roost. Talked with rehab. Decision was made to bring bat to rehab.

COMMENTS:

Habitat was within building.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Thu Jul 18 10:13:24 PDT 2013
Position: 11 N 685583 3726919
Altitude: 3829
Azimuth/Bearing: 306° N51W 5493mils (True)
Elevation Angle: +30.5°
Horizon Angle: -11.0°
Zoom: 1X
bat sighting location



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/18/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Bat appeared to be fatality. Possibly some movement. Placed in air conditioned vehicle. No movement. Bat deceased.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726351 UTM E: 687054

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Bat located in power block area. Bat was in a box in the shade.

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Canyon batColor/Markings: Greyish brown with dark edges.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 109Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? CDFW notified on 7/18/2013 2:45:00 PMActions Taken (e.g., left in place, taken to rehab): Contacted CDFW prior to removing from construction area and assessing mortality status.

COMMENTS:

Habitat was in power block.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/18/2013 Observer: Michael RathbunType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass is intact and good condition

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726436 UTM E: 686946

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Power block 2, pipe structure 22 on west end

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Cliff swallowColor/Markings: Tan throat and rumpSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 102Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes

Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? DB notified me about a bird and I identified for him to pass along on 7/18/2013 11:27:00 AMActions Taken (e.g., left in place, taken to rehab): Left carcass in place as instructed by DB

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

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Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/18/2013 Observer: Michael RathbunType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass in intact condition

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3728232 UTM E: 685067

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: North in Unit 1 near pipe laydown area.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Brown-headed cowbirdColor/Markings: Black body with brown headSex (circle one): ☒ Male / Female / Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 95Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / ☒ Creosote Bush Scrub / Sand Dunes

Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? I notified DB on 7/18/2013 12:47:00 PMActions Taken (e.g., left in place, taken to rehab): Carcass left in place as instructed by DB

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/19/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass on bare ground in vicinity of power blocks.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726362 UTM E: 687039

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Located on bare ground in power block 2.

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Unknown.Color/Markings: Brown.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 102Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? CDFW on 7/19/2013 12:15:00 PMActions Taken (e.g., left in place, taken to rehab): CDFW escorted to bat and bat was removed.

COMMENTS:

Habitat bare ground proximate to power block.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/24/2013 Observer: Ron WalkerType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass fairly desiccated, intact body

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726339 UTM E: 687007

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Unit 2 power block area ACC, top floor of evaporation towers, bird on floor

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Say's phoebeColor/Markings: Light buff color on breast, darker grey on neckSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 105Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Eric German, designated biologist on 7/23/2013 1:57:00 PMActions Taken (e.g., left in place, taken to rehab): Called CDFW, on 7/24. Ms. Kendra Peters came out to site and removed bird at 1:57 PM.

COMMENTS:

Bird picked up by CDFW Kendra Peters on 7/24/13

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/29/2013 Observer: Ron WalkerType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass intact, 2-3 days old

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727379 UTM E: 684601

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Unit 1 power block section 17 on concrete floor

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): CowbirdColor/Markings: BrownSex (circle one): Male / ☒ Female / Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 100Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Ron Walker and Ed Nieves on 7/29/2013 11:00:00 AMActions Taken (e.g., left in place, taken to rehab): Bird picked up, bagged and placed in freezer, Ed Nieves of USFWS was notified of collection

COMMENTS:

Ed Nieves of USFWS was notified and advised us to pick up carcass and label and put in freezer, female cowbird, photos sent to Amy Gardner and Eric German

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/29/2013 Observer: Ron WalkerType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): Intact Carcass / ☒ Dismembered Carcass / Feathers OnlyAge of Remains (circle one): 1-5 (fluid filled eyes) / 6-30 (maggots) / ☒ 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Scattered remains of Great Blue Heron, cause of death unknown, very old carcass, totally desiccated

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727011 UTM E: 684699

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Scattered remains found in unit 1 block 8 row 13, no mirrors in this area, just mirror pylons

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Great blue heronColor/Markings: Bluish greySex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: None

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 106Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Ron Walker and Ed Nieves on 7/29/2013 3:02:00 PMActions Taken (e.g., left in place, taken to rehab): Carcass remains picked up and bagged and placed in freezer, Ed Nieves of USFWS was notified

COMMENTS:

Great Blue Heron remains discovered scattered over a 50 foot area, bird parts collected and bagged and placed in freezer

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/30/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass on back and intact. No ants.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726946 UTM E: 685610

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Bird is located within the mirror assembly building, on the concrete floor near a doorway.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Brown-headed CowbirdColor/Markings: Large beak, paler than black feathers.Sex (circle one): Male / ☒ Female / Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 106Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? USFWS on 7/30/2013 3:10:00 PMActions Taken (e.g., left in place, taken to rehab): Left in place. Contacted USFWS for guidance.

COMMENTS:

Salvaged and placed in freezer 0645, 07/31/2013.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Tue Jul 30 14:58:27 PDT 2013
Position: 11 N 685610 3726946
Altitude: 388ft
Azimuth/Bearing: 331° N29W 5884mils (True)
Elevation Angle: -62.6°
Horizon Angle: +16.4°
Zoom: 1X
bird mortality



Date & Time: Wed Jul 31 06:39:57 PDT 2013
Position: 11 N 685588 3726968
Altitude: 418ft
Azimuth/Bearing: 294° N66W 5227mils (True)
Elevation Angle: -68.7°
Horizon Angle: -58.9°
Zoom: 1X
location of 7/30 bird mortality





Date & Time: Wed Jul 31 06:40:41 PDT 2013
Position: 11 N 685587 3726972
Altitude: 437ft
Azimuth Bearing: 282° S82W 4658mils (True)
Elevation Angle: -87.6°
Horizon Angle: -89.3°
Zoom: 1X
Location of: 7/30 bird mortality from outside

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/31/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): 1-5 (fluid filled eyes) / ☒ 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass worn. Intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725858 UTM E: 685956

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Beneath drain pipe unit 2 block 5 nw corner.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Great tailed grackleColor/Markings: Long tail blackSex (circle one): Male / Female / ☒ Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 109Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

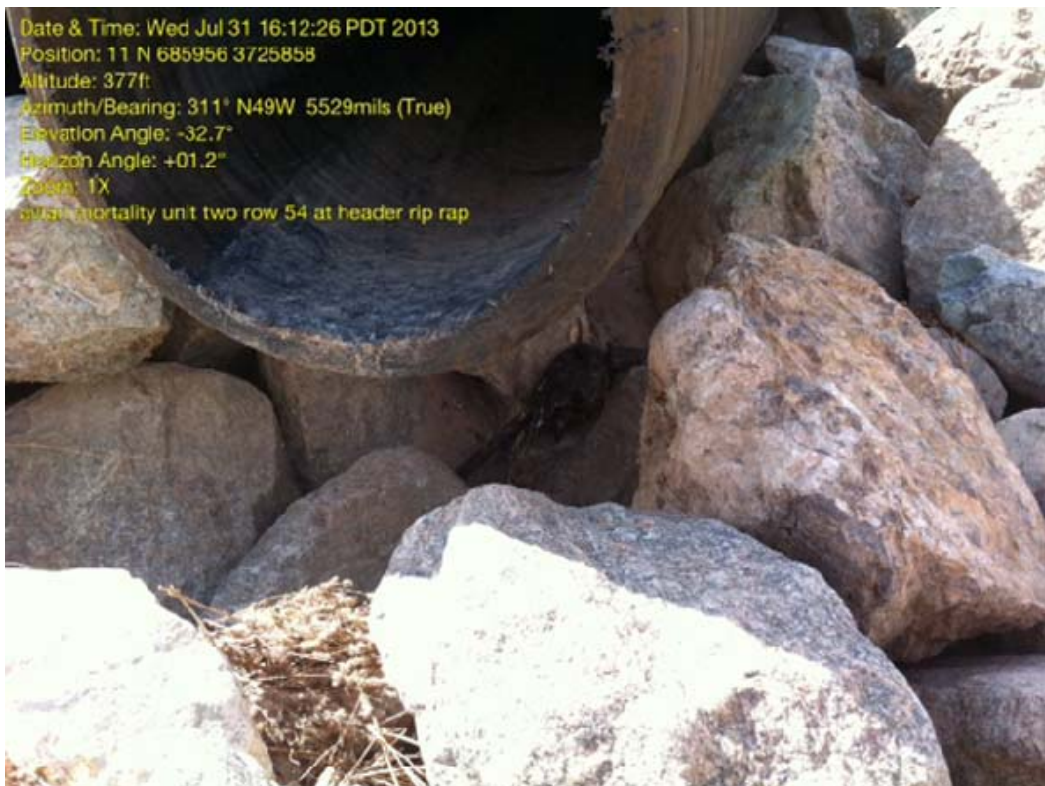
NOTIFICATION

Who was notified, and When? USFWS law enforcement on 8/1/2013 8:30:00 AMActions Taken (e.g., left in place, taken to rehab): Left in place. Could not be located for USFWS law enforcement collection.

COMMENTS:

Habitat. Rip rap beneath drain pipe. Bare ground around.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/31/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): 1-5 (fluid filled eyes) / ☒ 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass appears older, beginning to disarticulate. Feathers worn with matting.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727395 UTM E: 685704

Found Near (circle one):

Solar Trough / ☒ Evaporation Pond / Road / Power Line / Other (explain below)Location Details: North evaporation pond.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): American KestrelColor/Markings: Brownish redSex (circle one): Male / ☒ Female / Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 106Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? USFWS on 7/31/2013 10:30:00 AMActions Taken (e.g., left in place, taken to rehab): Left in place.

COMMENTS:

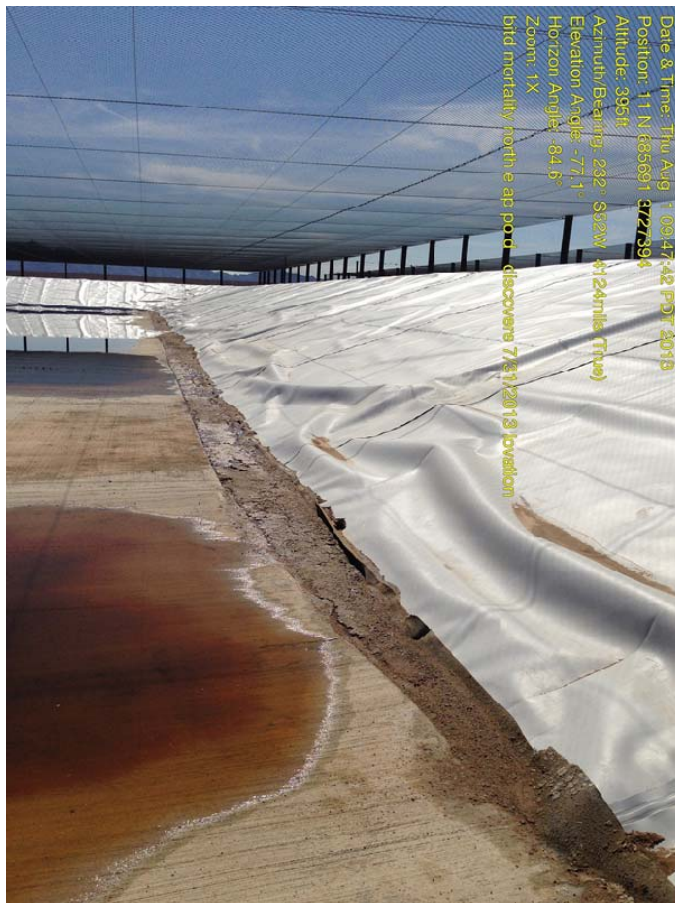
Mortality located within north evap pond. Location pictures taken 8/1/13.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Wed Jul 31 10:42:06 PDT 2013
Position: 11 N 685704 3727395
Altitude: 396ft
Azimuth/Bearing: 180° S00E 3200mils (True)
Elevation Angle: -71.5°
Horizon Angle: +26.0°
Zoom: 1X
bird mortality evaporation pond.



Date & Time: Thu Aug 1 09:47:42 PDT 2013
Position: 11 N 685691 3727394
Altitude: 396ft
Azimuth/Bearing: 232° S82W 4124mils (True)
Elevation Angle: -77.1°
Horizon Angle: -84.6°
Zoom: 1X
bird mortality north eap pond (discovery 7/31/2013 location)





ATTACHMENT 5

CORRESPONDENCE

From: German, Charles
Sent: Tuesday, July 02, 2013 3:21 PM
To: Magdalena Rodriguez; Tera_Baird@fws.gov; AGolden@energy.state.ca.us
Cc: mmassar@blm.gov; Guigliano, Jennifer; Jennifer.Gavaldon@fpl.com; Ireland, Mike; Dayman, Shelly; Chuck.griffin@us.bureauveritas.com; German, Charles; 'William Watson'; rhaverland@blattnerenergy.com; Gardner, Amy H
Subject: Genesis Evaporation Pond Mortality 7/1
Attachments: Genesis_Evap_Pond_20130701.pdf

Attached is a single document with two Avian and Wildlife Reporting Forms for Monday, July 1, 2013. One mortality occurred west outside of and proximate to the northern evaporation pond. The second mortality occurred within the southern evaporation pond enclosure. Neither bird was entangled.

Eric German
Designated Biologist
Genesis Solar Energy Project
805.895.9842

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

☒ Evaporation Pond Monitoring / ☐ Scheduled Mortality Survey / ☐ IncidentalDate: 7/1/2013 Observer: Eric GermanType of Incident (circle one): ☐ Injury / ☒ Fatality / ☐ NestCondition (circle one): ☒ Intact Carcass / ☐ Dismembered Carcass / ☐ Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / ☐ 6-30 (maggots) / ☐ 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727430 UTM E: 685607

Found Near (circle one):

☐ Solar Trough / ☒ Evaporation Pond / ☐ Road / ☐ Power Line / ☐ Other (explain below)Location Details: Bare ground proximate to evap pond.

IDENTIFICATION

☒ Bird / ☐ Bat / ☐ Unknown / ☐ Other (circle one)Species (if unknown, write 'unknown'): Cliff swallowColor/Markings: Rufus neck. White nose patchSex (circle one): ☐ Male / ☐ Female / ☒ Unknown Age (circle one): ☒ Adult / ☐ Juvenile / ☐ UnknownIs Animal Tagged? (circle one): ☐ Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☐ Clear / ☐ Fog / ☒ Cloudy / ☐ RainApprox. Temperature (circle one): ☒ °F / °C: 102Wind (circle one): ☒ Calm / ☐ Gusty / ☐ Storm / ☐ Violent Storm

Habitat (circle all that apply):

☐ Bare Ground / ☐ Creosote Bush Scrub / ☐ Sand Dunes
☐ Sand Drifts over Playa / ☐ Ephemeral Wash / ☐ Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance manager. Discovered by DB. on 7/1/2013 10:30:00 AMActions Taken (e.g., left in place, taken to rehab): Bird removed for disposal by burial.

COMMENTS:

Proximate to evap ponds. While investigating found two live yellow headed blackbirds. One in south evap pond one in north evap pond. Additional yellow headed blackbird mortality found within south pond enclosure. Report forthcoming.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Mon Jul 1 11:15:20 PDT 2013
Position: 11 N 685602 3727431
Altitude: 393ft
Azimuth/Bearing: 332° N28W 5902mils (True)
Elevation Angle: -74.6°
Horizon Angle: +49.9°
Zoom: 1X
nird mortality north exap pond



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

☒ Evaporation Pond Monitoring / ☐ Scheduled Mortality Survey / ☐ IncidentalDate: 7/1/2013 Observer: Ron WalkerType of Incident (circle one): ☐ Injury / ☒ Fatality / ☐ NestCondition (circle one): ☒ Intact Carcass / ☐ Dismembered Carcass / ☐ Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / ☐ 6-30 (maggots) / ☐ 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Yellow headed blackbird found on ground, intact

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727349 UTM E: 685776

Found Near (circle one):

☐ Solar Trough / ☒ Evaporation Pond / ☐ Road / ☐ Power Line / ☐ Other (explain below)Location Details: Eastern edge of southern evaporation pond, bird within two feet of netting, at top of pond berm

IDENTIFICATION

☒ Bird / ☐ Bat / ☐ Unknown / ☐ Other (circle one)Species (if unknown, write 'unknown'): Yellow headed blackbirdColor/Markings: Brown body, yellowish headSex (circle one): Male / ☒ Female / ☐ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / ☐ Fog / ☐ Cloudy / ☐ RainApprox. Temperature (circle one): ☐ °F / °C: 103Wind (circle one): ☒ Calm / ☐ Gusty / ☐ Storm / ☐ Violent Storm

Habitat (circle all that apply):

☒ Bare Ground / ☐ Creosote Bush Scrub / ☐ Sand Dunes
☐ Sand Drifts over Playa / ☐ Ephemeral Wash / ☐ Desert Pavement

NOTIFICATION

Who was notified, and When? Designated biologist on 7/1/2013 10:07:00 AMActions Taken (e.g., left in place, taken to rehab): Removed carcass and buried outside of project site

COMMENTS:

N/A

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Mon Jul 1 11:07:39 PDT 2013
Position: 11 N 685778 3727351
Altitude: 381ft
Azimuth/Bearing: 238° S58W 4231mils (True)
Elevation Angle: -51.0°
Horizon Angle: +02.0°
Zoom: 1X
yellow headed blackbird evap pond



From: German, Charles
Sent: Thursday, July 11, 2013 12:05 PM
To: Magdalena Rodriguez; Tera_Baird@fws.gov; AGolden@energy.state.ca.us
Cc: mmassar@blm.gov; Guigliano, Jennifer; Jennifer.Gavaldon@fpl.com; Ireland, Mike; Dayman, Shelly; Chuck.griffin@us.bureauveritas.com; German, Charles; 'William Watson'; rhaverland@blattnerenergy.com; Gardner, Amy H
Subject: Genesis Brown Pelican 7/10 Mortality and 6/10 Injury
Attachments: 06102013 brown pelican injury.pdf; 07102013 brown pelican mortality.pdf

Attached are two Avian and Wildlife Reporting Forms for two different birds. One form describes a heat stressed Brown Pelican brought to rehabilitation on June 10, 2013. The bird recovered and was released. The second describes a Brown Pelican mortality located within a solar field on July 10, 2013.

Eric German
Designated Biologist
Genesis Solar Energy Project
805.895.9842

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 6/10/2013 Observer: Ron WalkerType of Incident (circle one): ☒ Injury / Fatality / Nest

Condition (circle one): Intact Carcass / Dismembered Carcass / Feathers Only

Age of Remains (circle one): 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Injured brown pelican found in unit 2 in power block area under HTF overhead pipes, above power block access road. Pelican appeared to be suffering from heat stress. Pelican transported to wildlife rehabilitation center in Blythe, CA. It was reported later that the pelican recovered and was released uninjured.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726434 UTM E: 686893

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Unit 2, west side of power block, under HTF pipe overhead crossing

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Brown PelicanColor/Markings: Brown, light underbellySex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 109Wind (circle one): Calm / ☒ Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Designated biologist on 6/10/2013 4:30:00 PMActions Taken (e.g., left in place, taken to rehab): Brown pelican picked up and transported to wildlife rehabilitation center in Blythe CA

COMMENTS:

Injured brown pelican found in unit 2 in power block area under HTF overhead pipes, above power block access road. Pelican appeared to be suffering from heat stress. Pelican transported to wildlife rehabilitation center in Blythe, CA. It was reported later that the pelican recovered and was released uninjured.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/10/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Bird had been seen at power block 2 at 1330 and was reported to be heat stressed. Observer saw bird fly nw at 1345. At 1515 report of bird mortality unit 1 block 5 mirror row 52. Carcass intact, no rigor, possible cervical dislocation noted when animal was removed.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727672 UTM E: 685376

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: Shaded side of solar mirror. No heat from mirrors in location of bird mortality.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Brown PelicanColor/Markings: Gray brown body. Gray feet.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 109Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? Compliance and DB notified. on 7/10/2013 1:30:00 PMActions Taken (e.g., left in place, taken to rehab): Bird was searched for when reported alive. Bird not found. Remains collected and disposed of by burial.

COMMENTS:

Bird had been seen flying prior to discovery in solar field.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-



Date & Time: Wed Jul 10 16:01:09 PDT 2013
Position: 11 N 883363 2740295
Altitude: 380R
Azimuth Bearing: 295 N04W 8329mbs (True)
Elevation Angle: -65.6°
Magnet Angle: -82.9°
Zoom: 1X
pelican mobility



From: German, Charles
Sent: Thursday, July 18, 2013 11:42 AM
To: Tera Baird; Magdalena Rodriguez
Cc: Guigliano, Jennifer; Jennifer Field; Jennifer Gaval don; Amy Golden; Gardner, Amy H; Ireland, Mike; William Watson; Chuck Griffin
Subject: Genesis cliff swallow mortality
Attachments: photo.JPG; ATT00001.txt

A cliff swallow mortality has been located in a power block where people are working. Just received a call of a "sickly" bat in power block 2 also where people are working. The bird and bat are currently being left in place. Any suggestions.
Thanks,
Eric

Don't think this is a swallow but it's
yellow - blackish - red
blackish
blackish - white - black - white
blackish - white - black
blackish - white - black
blackish - white - black
blackish - white - black
blackish - white - black



From: German, Charles
Sent: Thursday, July 18, 2013 12:41 PM
To: German, Charles
Cc: Tera Baird; Magdalena Rodriguez; Guigliano, Jennifer; Jennifer Field; Jennifer Gavaldon; Amy Golden; Gardner, Amy H; Ireland, Mike; William Watson; Chuck Griffin
Subject: Re: Genesis cliff swallow mortality

Bat has flown away.

Sent from mobile device

On Jul 18, 2013, at 11:41 AM, "German, Charles" <Charles.German@aecon.com> wrote:

> A cliff swallow mortality has been located in a power block where people are working.
> Just received a call of a "sickly" bat in power block 2 also where people are working.
> The bird and bat are currently being left in place. Any suggestions.
> Thanks,
> Eric
>
> <photo.JPG>
>
>
> Sent from mobile device

From: German, Charles
Sent: Thursday, August 01, 2013 1:48 PM
To: Baird, Tera; Rodriguez, Magdalena@Wildlife; Watson, Carol@Energy
Cc: mmassar@blm.gov; Guigliano, Jennifer; Jennifer.Gavaldon@fpl.com;
Ireland,
Mike; Chuck.gri ffi n@us.bureauveritas.com; German, Charles; 'William
Watson'; rhaverland@blattnerenergy.com; eduardo_nieves@fws.gov;
Gardner, Amy H
Subject: Genesis Evaporation Pond mortality 7/31
Attachments: 07312013 kestrel mortality_evap pond.pdf

Attached is an Avian and Wildlife Reporting Form for Thursday, July 31, 2013.
The mortality occurred
within the northern evaporation pond enclosure. The bird was not entangled.

Eric German
Designated Biologist
Genesis Solar Energy Project
805.895.9842

Avian and Wildlife Reporting Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 7/31/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): 1-5 (fluid filled eyes) / ☒ 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass appears older, beginning to disarticulate. Feathers worn with matting.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727395 UTM E: 685704

Found Near (circle one):

Solar Trough / ☒ Evaporation Pond / Road / Power Line / Other (explain below)Location Details: North evaporation pond.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): American KestrelColor/Markings: Brownish redSex (circle one): Male / ☒ Female / Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 106Wind (circle one): ☒ Calm / Gusty / Storm / Violent Storm

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dunes
Sand Drifts over Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Who was notified, and When? USFWS on 7/31/2013 10:30:00 AMActions Taken (e.g., left in place, taken to rehab): Left in place.

COMMENTS:

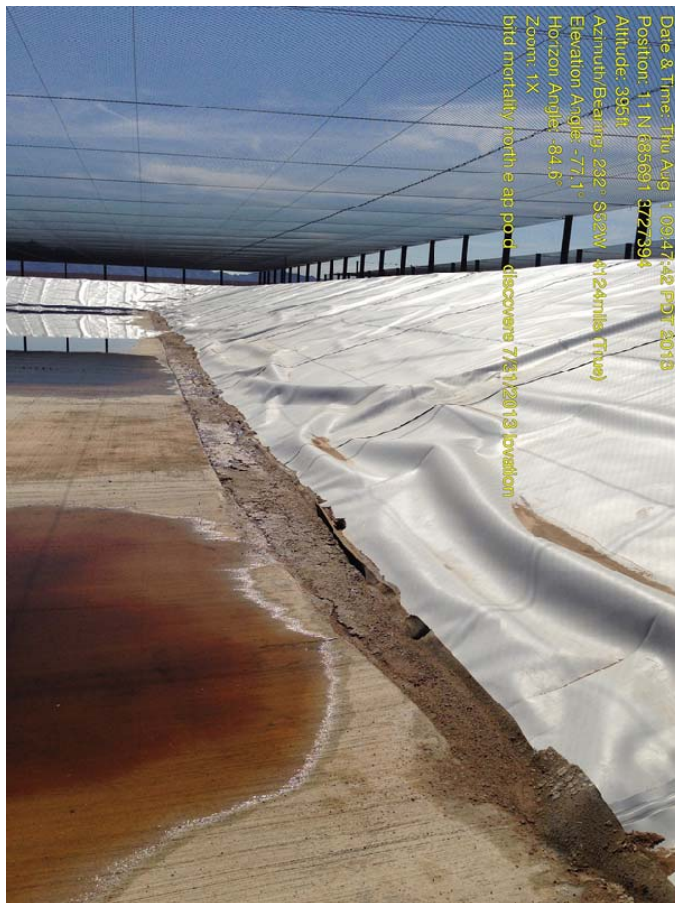
Mortality located within north evap pond. Location pictures taken 8/1/13.

- * Turn in completed form and incident photos to the on-site Environmental Manager.
 - * Report any incidental observations of dead birds or other wildlife at the evaporation ponds to the Designated Biologist within one day of the detection of the carcass.
 - * Report any nests immediately to the on-site Environmental Manager.
-

Date & Time: Wed Jul 31 10:42:06 PDT 2013
Position: 11 N 685704 3727395
Altitude: 396ft
Azimuth/Bearing: 180° S00E 3200mils (True)
Elevation Angle: -71.5°
Horizon Angle: +26.0°
Zoom: 1X
bird mortality evaporation pond.



Date & Time: Thu Aug 1 09:47:42 PDT 2013
Position: 11 N 685691 3727394
Altitude: 396ft
Azimuth/Bearing: 232° S32W 4124mils (True)
Elevation Angle: -77.1°
Horizon Angle: -84.6°
Zoom: 1X
bird mortality north eap pond (discovery 7/31/2013 location)





Appendix C

Haz-6

Worker Environmental Awareness Program Training

31

Signature	Print Name	Company	
1.	Ramon Vander Dyp	Siemens	7/2/13
2.	E. Richmond	SUBURBAN PROPERTY	7-3-13
3.	MARTY HUETTEN	SUBURBAN PROPERTY	7-3-13
4.	TIM CLASSEN	GUTOR ELECTRONICS	7-8-13
5.	Edward G. B. B. B.	GE Water	7/9/13
6.	Ken Moore	Pentair/Hyco	7/11/13
7.	Steve Finkler	GE	7/11/13
8.	Carl M. Fajardo	Siemens	7/12/13
9.	Mario Nen	EMERSON	7/15/13
10.	CONRAD DARET	EMERSON	7-15-13
11.	GEORGES JEAN-BAPTISTE	EMERSON	7-15-13
12.	D. Tyler Barnett	EMERSON	7/15/13
13.	John Barton	One Source	7/17/13
14.	CRISTIAN MOYA	Flowserve	
15.	John L. Welge	GE Water & Process Tech	7-22-13
16.	BENJAMIN CARVER	AGILIS TECHNOLOGIES	7-22-13
17.	Nick Bauer	Siemens	7/22/13
18.	Randal Patterson	FPL	7/22/13
19.	Mikel Mergel	agilis technologies	7/22/13
20.	Robert Griffith	Flowserve	7/22/13
21.	Gerald French	Siemens	7/23/13
22.	MICHAEL MATTHEWS	SIEMENS	7/23/13
23.	DENNIS DENAIVNE	FPL	7/23/13
24.	Dewey Gile	Climatronics	7/23/13
25.	Robert Hammar	Climatronics	7/23/13
26.	Michael Silvola	NextEra Energy Resources	7/23/13
27.	Frederic G. G. G.	OPTIMA	7/23/13
28.	BILL MCELERNAN	SIEMENS	7/29/13
29.	Dan Korda	GE- Penny Nevada	7/29/13
30.	GARY TRANTER	SIEMENS	29 JUL 13
31.	Michael Cunningham	FPL	7/29/13
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Genesis Site Safety Orientation July 2003 / WEAP

14

	Signature	Print Name	Company	
1	[Signature]	DONOVAN ROSS	Newtron	7-28
2	[Signature]	Alec Todd	Newtron	7-28
3	[Signature]	OSCARDO "VICTOR LUNA"	Newtron	7-28
4	[Signature]	Scott Chilson	Newtron	7-28
5	[Signature]	Noah Aguilar	Newtron	7-28
6	[Signature]	Edward Ibarra	Newtron	7-28
7	[Signature]	Theodore Shimer	Newtron	7-28
8	[Signature]	DUSTIN CAMPBELL	NEUTRON	7-28
9	[Signature]	Luis Arvizu	Newtron	7-28
10	[Signature]	Jamie Diaz	Newtron	7-28
11	[Signature]	FABIAN DE LA CRUZ	NEUTRON	7-28
12	[Signature]	Faren Wilson	NEUTRON	7-28
13	[Signature]	HECTOR BOMBAY	NEUTRON	7-28
14	[Signature]	Edward Mansfield	NEUTRON	7-28
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Genesis Solar Energy Project

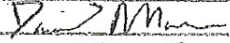


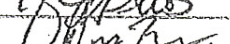
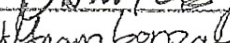
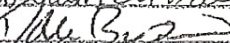
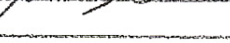
structor: Rick Frazier

5/17/2013

Name : Print	Signature	Company Name	Date
Ron Stiff	Ron Stiff	SUKUT	5-6-12
Matt Rodarte	Matt Rodarte	Sukut	7-10-13
Radford W. Barling	Radford W. Barling	SUKUT	7-15-13
Brian Harney	Brian Harney	Sukut	7-15-13
Tim Elrod	Tim Elrod	Sukut	7-15-13
Sean G. Guerra	Sean G. Guerra	Sukut	7-15-13
Jordan Rodarte	Jordan Rodarte	SUKUT	7-17-13
Berto Gonzales	Berto Gonzales	SUKUT	7-17-13
Michael Henny	Michael Henny	RMRWT	7-17-13
Daniel Tower	Daniel Tower	RMRWT	7-17-13
Jeff Allsup	Jeff Allsup	Sukut	7-22-13
Nick Henny	Nick Henny	RMR	7-23-13
Ignacio Soto	Ignacio Soto	SUKUT	7-23-13

Genesis Site Safety Orientation / WEMP July ⑦

ARB Inc.

	Signature	Print Name	Company	Date
1		David Morceno	ARB	7/1/13
2		REY CRISOSTOMO, SR	ARB	07/01/13
3		Andrew Ramirez	ARB	7-1-13
4		Jamie Pitts	ARB	7-8-13
5		Danilo Petrovic	ARB	7-8-13
6		William Gonzalez	ARB	7/9/13
7		Dale Barthlett	ARB	7/15/13
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Genesis Site Safety Orientation

WEAP JULY





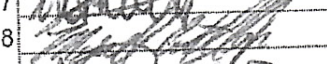


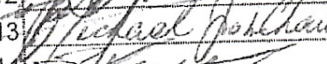
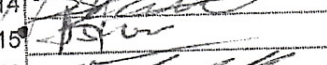
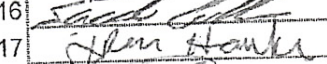

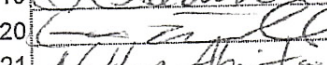

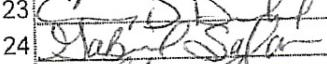
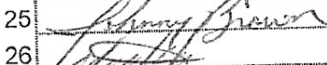
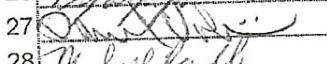
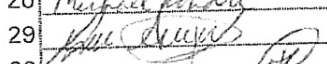
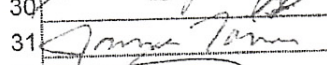
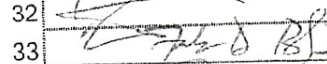
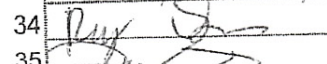








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Signature	Print Name	Company	
	PATRICK H. HARRIS	PMI	06-12-13
	MARCUS JOSEPH	University Mechanical	
	RON MAORM	PMI	
	BRAD HEINEMANN	PMI	
	MICAH C. RACKLEY	PMI	
	ROBERT SENTERRI	PMI	
	RAUL GUERRERO	PMI	
	JORGE BENITEZ	PMI	
	JAMES H. SWEENEY	PMI	6-17-13
	TAYLOR LEWIS	PMI	6-17-13
	VICTOR GUERRERO	PMI	6-17-13
	SENOVIO M. GARZA	PMI	6-17-13
	STEPHEN GRANT	PMI	6-17-13
	MARIA GONZALEZ	PMI	6-17-13
	CELESTINA DIAZ YBARRA	UMEC	6-18-13
	G.E. JOESTEN	UMEC	6-18-13
	KEVIN JONES	UMEC	6-18-13
	WHITFIELD HANDS	UMEC	6-18-13
	HUGH A. COOPER	UMEC	6-18-13
	VICTOR CRAWFORD	UMEC	6-18-13
	SALVADOR DIAZ	PMI	6-24-13
	IGNACIO SANCHEZ	PMI	6-24-13
	HECTOR MARTINEZ	PMI	6-24-13
	STEVEN STEWART	BRAND	6/24/13
	JAVIER GEVARA	BRAND	6/24/13
	PEDRO LARIOS	BRAND	6/24/13
	BRUCE STONE	PMI	6/27/13
	ALEX NADER	PMI	6-27-13
	DEREK BARRERA	PMI	7-1-13
	DANIEL GOMEZ	PMI	
	ANGEL J. CERROS	PMI	
	BEN CHERTOU	PMI	
	ARTURO GUTIERREZ	PMI	
	MICHAEL KOWKE	PMI	7-1-13
	RICKY BOONE	PMI	7-2-13

Genesis Site Safety Orientation /WEAP

JULY

35

Signature	Print Name	Company	
	THOMAS HIGGINS	UNIVERSITY MECH	7/22/13
	Porfirio Gomez	UNIVERSITY MECH	7/22/13
	DANIEL RICHARD	U MAC	7/22/13
	Philip Francis	University Mech	7-22-13
	Thomas St. Ange	University Mech	7/22/13
	Island Johnson	University Mech	7/22/13
	Vothan Woods	PMI	7/22/13
	Miguel Castella	PMI	7/22/13
	Noel Gomez	University mech.	7/22/13
	Trian Gomez	University mech.	7/22/13
	James Smith	University Mechanical	7/22/13
	Jacob Anderson	University Mechanical	7-22-13
	Michael John Charles	P.M.I.	7-24-13
	Bernice Alcala	P.M.I.	7-24-13
	Danyla St. Rose	PMI	7-26-13
	Jacob Collins	PMI	7-26-13
	EFREEM HAWKINS	BRAND	7-29-13
	NATHANIEL BROWN	BRAND	7-29-13
	Lou Ann Sedota	UMEC	7-29-13
	DENNIS MITCHELL	UMEC	7-29-13
	NATHAN ABREITA	UMEC	7-29-13
	Michael L Shaw	UMEC	7/29/13
	CASEY D. DOLD	umech	7/29/13
	GABRIEL SALES	BRAND	7/29/13
	Johnny Brown	University	7-29-13
	MARCOS ORTIZ	BRAND	7-29-13
	DANIEL VALDIVIA	Umech	7-29-13
	Michael Randle	PMI	7-29-13
	IVAN ANGULO	UNIVERSITY MECH.	7-29-13
	Jose Gasca	UNIVERSITY MECH.	7-22-13
	James Torres	PMI	7-29-13
	Jesse Franklin	Brand Scaffold	7-29-13
	FABRIOUS BLANEY	BRAND SCAFFOLD	7-29-13
	Raymond Swails	BRAND	7-29-13
	David Loya	UMEC	7-29-13

Genesis Site Safety Orientation

July 2013 / WEAP (17)

Signature	Print Name	Company	
	Chad Finnera	Neutron	7-1-13
	George M. Weir	Neutron	7-1-13
	ANTHONY CASSELL	NEUTRON	7-1-13
	TERRY LORENZ	NEUTRON	7-1-13
	Jeremy Watkins	neutron	7-8-13
	St. Macrideth	Newtron	7-16-13
	Daniel F. Fitch	Newtron	7-16-13
	Dustin Deering	Newtron	7-16-13
	Ramon L. Garcia	Newtron	7-17-13
	Pedro Larios M.	BRAND	7-17-13
	Juan Juarez	Brand	7-17-13
	Gilbert RIVERA	BRAND	7-18-13
	Paul Ramero	BRAND	7-18-13
	JUAN MARTINEZ	BRAND	7-18-13
	JAVIER GOMEZ	BRAND	7-18-13
	WALTER A. IBANEZ	BRAND	7-22-13
	Ramon Casillas	Brand	7-22-13
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	Signature	Print Name	Company	
1	[Signature]	JOSE H. GOMEZ	PMT ROLLERMAKER	7-29-13
2	[Signature]	Sam Tolson	U-Mech	7-29-13
3	[Signature]	MRS GUTIERREZ	Jenny M	7-29-13
4	[Signature]	Julian Snead	U-MECH	7-29-13
5	[Signature]	TIM CORREA	U MECH	7-29-13
6	[Signature]	ALFONSO CORREA	U meck	7.29.13
7	[Signature]	RICHARD PAMSAHAI	U meck	7-29-13
8	[Signature]	JEFF ROBINSON	U MECH	7-29-13
9	[Signature]	DALTON CHAZ	U MECH	7-29-13
10	[Signature]	LESTER JACK	U meck	7-27-13
11	[Signature]	NORMAN E. PARKER	U Mech	7-29-13
12	[Signature]	Michael Mackid	Dierco Crane	7-29-13
13	[Signature]	ROBERT Ditch	PMI	7-30-13
14	[Signature]	Steve Spears	BMI	7/30/13
15	[Signature]	WINSTON ROCKO	PMI	7-30-13
16	[Signature]	WALTER AMBATALI	PMI	7/30/13
17	[Signature]	Norvel Pelle	PMI	7/30/13
18	[Signature]	FRANCISCO CAMPALES	PMI	7/30/13
19	[Signature]	JAMES CANNADAY	PMI	7/30/13
20	[Signature]	ARTHUR SEDILLO	PMI	7/30/13
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Genesis Site Safety Orientation

WEAP

JULY

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Signature	Print Name	Company	
	Enrique Benitez	PMI	6/3/13
	Luis A. Gutierrez	PMI	6-3-13
	Clayton Dettweiler	PMT	6-3-13
	Steven D. Carr	PMI	6/3/13
	Daniel Harris	PMI	6/3/13
	PETER COLDY	PMI	6/3/13
	Steve Williams	PMI	6/3/13
	STUART K SWICKARD	PMI	6/3/15
	Sergio Garcia	PMI	6/13/13
	Thomas Welch	PMI	6/13/13
	Gonzalez Arroyo	PMI	6/3/13
	CHRISENDEASH BOODHAT	PMI	6/3/13
	BITO VARGHESE	PMI	6/3/2013
	Tanke Linder	PMI	6/3/13
	ALEJANDRO DURAN	PMI	6/3/13
	Rene Reyes	PMI	6/3/13
	Daniel Guzman	P.M.T.	7-3-13
	Javier Castro	P.M.T.	7-3-13
	Gerardo Avina	P.M.T.	7/3/13
	CHARLES L NOBLE	PMI	7/3/13
	Cesar Carrillo	Super Heat	7/8/13
	MATTHEW MARTINEZ	PMI	7/10/13
	Frank Paredes	PMI	7/10/13
	MARIO RIOS	PMI	7/10/13
	HOLLAND	PMI	07/09/13
	DAN BARFELL	PMI	7-15-13
	Edward Steedman	PMI	7-18-13
	Michael McGraw	PMI	7-18-13
	John Waddell	PMI	7-18-13
	CHRIS PRYORZELISKI	PMI	7-18-13
	Kory Robinson	PMI	7/18/2013
	Christian Calera	PMI	7/18/13
	Alejandro Sanchez	PMI	7/18/13

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications

Genesis BVnet Status Matrix June 2013

Project	Submittal Title	Lead Plan Reviewer	CBO Approved Date
Genesis Solar Energy Project	STRUC-1-509.1 - AMMC Temporary Building - PC4	Ho, Alan	7/3/2013
Genesis Solar Energy Project	TSE-6-607.1 - 33kV Temporary Distribution Line - PC3	Rodriguez, Eric	7/29/2013
Genesis Solar Energy Project	TSE-6-607X1 - 33kV Temporary Distribution Line - PC1	Son, Cristian	7/5/2013

Appendix E

Cultural Monitor Reports

Cul-8 and Cul-13

Construction Monitoring Plan and Flag and Avoid

PAL-5

PRS Monitoring and Stop Work Authority

Due to proprietary and confidential subject matter, location information is secured and held under confidential cover

CUL-7: Worker Environmental Awareness Program (WEAP)

Requirement: Submit past 30 days of training records

Workers Environmental Awareness Program

Every Person employed or present on the ROW, including specialty subcontractor personnel, has been instructed in environmental compliance through the Workers Environmental Awareness Program, which includes a training video and verbal instruction. In each case the new employee has signed a roster providing proof of his/her participation and received a hard-hat sticker to provide job-site training verification.

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

There were no compliance issues this month.

Requirement: Submit a summary report of construction-related monitoring and any new DPR 523A forms.

All ground disturbing activities were observed by CEC - approved Cultural Resources Monitors (CRMs) and Native American Monitors. Table 1 lists the number of CRMs onsite during the month of July.

Table 1. CRMs and NAM onsite during July (by day)

July 2013		
Date	Number of Cultural Resource Monitors	Number of Native American Monitors
7/1/2013	1	1
7/2/2013	1	1
7/3/2013	1	1
7/8/2013	2	2
7/9/2013	1	1
7/10/2013	1	1
7/11/2013	1	1
7/12/2013	1	1
7/15/2013	1	1
7/16/2013	2	2
7/17/2013	1	1
7/18/2013	2	1
7/19/2013	1	1
7/22/2013	2	2

7/23/2013	2	2
7/24/2013	2	2
7/25/2013	2	2
7/26/2013	2	2
7/29/2013	2	2
7/30/2013	2	2
7/31/2013	2	2

Number of Isolate Forms submitted- 1

Number of Site Forms submitted- 1

Number of Site Update Forms submitted- 0

Number of Monitoring Logs submitted - 32

Construction activities were monitored along parts of the main access road, the Southern California Edison (SCE) transmission line, in portions of Unit 1, and in Unit 2. Construction activities monitored included grading, backfilling, and various trenching activities on site. One site and one isolate were found in all construction areas during the month of July. One artifact found in November 2011 was previously omitted from the MCR. The location of cultural resources, including sites and isolates, is being submitted under confidential cover.

CUL-13: Flag and Avoid

Requirement: Submit compliance documentation regarding flagging inspections.

All flagged areas are inspected weekly.



ENVIRONMENTAL CONSULTANTS

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Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

Eric Veerkamp
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

August 3, 2013

RE: PAL-5, Summary of paleontological monitoring and mitigation activities at the Genesis Solar Energy Project for the period of July 1, through July 31, 2013

Dear Mr. Veerkamp,

This letter is to update you on SWCA Environmental Consultants paleontological mitigation monitoring activities at the GSEP site during the period from July 1 to July 31, 2013. One SWCA Paleontological Resources Monitor (PRM) was onsite during all grading, drilling and excavation activities exceeding 1.5 feet in depth along the access road between the guard shack and Wiley's Well, just South of Interstate 10 and near transmission line tower structure 57. All paleontological monitoring occurred in Quaternary alluvium.

During the course of monitoring in July, one (1) fossil locality was observed and recorded. The locality included one piece of tortoise shell which was deemed significant by the PRM and PRS and was collected. No issues or concerns regarding paleontological resources were identified during the month of July. It is a pleasure working with you on this project. If you have any questions please do not hesitate to contact me.

Respectfully,

A handwritten signature in black ink, appearing to read "Cara Corsetti".

Cara Corsetti, M.S.
Principal
Paleontological Resources Specialist, GSEP

Locality Number	Date	Taxon	Element	Found by	ID By	Collected (Y/N)	Significance
FLEH-130724-01	7/24/13	<i>Gopherus</i> sp.	Marginal Shell Fragment	L. Hall	L. Hall	N	¹ SFO – Significant due to rarity of fossils within project area

¹SFO = Significant Fossil Locality

Appendix F
Safety Reports and Incidents
Worker Safety-3
Construction Safety Supervisor – Staff Assignment

Safety, Environmental and Compliance Summary Safety

The Project Safety Man-Hours captured are as follows:

209,063	Man hours logged this month
1,521,811	Man hours logged during 2013
2,860,181	Job total man-hours

Project total RIR 0.83

2013 RIR 0.65

Project LTIR 0.00

One recordable injury reported in the Month of July 2013.

PMI reported an employee who cut his thumb while attempting to change the grinding wheel of his handheld grinder. The employee failed to unplug the equipment before servicing and inadvertently pressed the power switch while holding the wheel. The employee was wearing gloves. The employee was taken to a clinic where he received sutures to close the cut and was released for duty the same day. PMI re-enforced hand tool safety with all employees and proper gloves for heavy work.

First Aid incidents reported during July 2013:

July 11th Blythe Power reported a 1st aid from an employee whose finger was bent in an awkward position from an ATV steering wheel. The employee was mounting the ATV. He buckled his seat belt, turned to grab the wheel and forced his small finger right hand into the radial steering wheel support jamming his finger. The employee was taken to an Occ. Med. Clinic, and X-ray revealed a sprained finger. The doctor recommended ice and Ibuprofen for any pain.

July 19th Newtron reported a first-aid when an employee reported pain in his back and was taken for diagnosis. The employee was installing an instrumentation stand under a scaffold. The process involved drilling into concrete, setting, leveling and bolting the stand to the concrete floor, kneeling down on his knees the majority of the installation. He gathered his tools and stood up to exit out from under the scaffold, he bent down to go under a scaffold support bar and at the same time stepped over a lower scaffold support bar. He pivoted as he stood up and felt pain in his lower back. The Foreman arrived and contacted Newtron Safety Personnel. Ice was applied to help soothe the pain. Newtron Safety decided that an ambulance was required to transfer the employee for further diagnosis. Newtron requested CT scan to prove the injury. The employee was diagnosed with a soft tissue strain in his back suggested to take ibuprofen for pain and was released for duty without intent to aggravate the strained area.

Training:

12 contractor employees were trained to LOTO authorized status in July.

5 Genesis Startup employees attended Confined Space training in July.

219 employees underwent Safety Orientation/WEAP training in the month of July.

The GSEP Safety Professionals continued weekly cross audit "Job Walks" and debriefing sessions.

Contractor Safety Audits were completed and actions taken to correct deficiencies.

Genesis Safety Committee continued regular weekly meetings.

Contractors held Weekly All Hands Safety Meetings with agenda and documented attendance.

3rd party audits continued from Bureau Vertis weekly.



According to the National Institute of Occupational Safety and Health (NIOSH), over 2000 eye injuries happen to workers in the United States every day. Unfortunately, many of these eye injuries occur in the construction industry. Most of these injuries are classified as minor and can be corrected with basic first-aid. However, even “minor” eye injuries can cause life-long vision problems and suffering. Simply getting a small amount of sawdust, cement or drywall in the eye can lead to a scratched cornea which can lead to a series of very painful and long-term problems. Our eyes are a precious commodity. On the jobsite there are many operations that we perform which create hazards that can lead to an eye injury.

Operations that have been known to result in an eye injury are:

- Dusty or windy conditions could lead to particles in the eye.
- Hammering, grinding, sanding and masonry work could produce particles.
- Handling chemicals could lead to splashes in the eye.
- Wet or powdered cement could cause a chemical burn to the eye.
- Welding could lead to exposure to arcs and flashes (intense UV radiation).

Eye injuries can result from simply passing through an area where work is being performed. There are many steps that can be taken in our industry to protect one's eyes. The first is to assess work areas for potential accidents that can be caused by foreign matters getting into the eyes. The second is to have a good, sound approach to eliminate or control the hazard. Then as a last resort, provide protection from the hazard.

Below are prevention strategies to consider:

- Use engineering controls (best) such as machine guards that prevent the escape of particles or welding curtains for arc flash protection.
 - Use administrative controls (good) such as making certain areas “off limits” unless that is your assigned area or putting passage ways out of active work zones.
 - Use the proper protective eyewear (required, but doesn't remove all risk).
- ⇒ The Genesis site requires eye protection meeting ANSI Z87.1. Prescription glasses, meeting the ANSI standard, must have side shields. Chipping, grinding, cutting, bushing etc. requires safety glasses as well as a face shield.

Eye injuries on the jobsite are preventable. When it comes to our safety, we can never take it for granted. We should never agree that injuries on the jobsite are inevitable. Eye hazards, like all other hazards, need to be assessed and determinations made to correct or avoid the hazard. We should all take a moment to look around our jobsite to ensure that safety precautions are being taken to prevent injuries from happening.



Even a small scratch, cut, puncture wound or burn can become infected. Unless properly cared for, cleansed or protected, it can cause blood poisoning or introduction of dangerous organisms into the bloodstream. Additionally, if you give first aid to others, always protect yourself from exposure to bloodborne pathogens by wearing gloves, masks, and eye protection. Do not be foolish. Get first aid when you need it, even if you just have a small cut or splinter. While it is best to leave major first-aid treatment to those who have professional training, all workers should know basic first aid.

What employers and employees need to know:

- Whatever you use as a dressing to stop the bleeding, it must remain in place until treated by a professional. If more dressing is required to absorb the blood, place it on top of the original dressing.
- In case of a broken bone, you should be able to apply a splint to immobilize the limb.
- If a victim is in contact with electricity, make sure the current is off before attempting to help the victim. If necessary, have an experienced person perform CPR (cardiopulmonary resuscitation).
- If the eye is splashed with an irritant, immediately flush the eye with clean water for at least 15 minutes.
- Never try to remove any objects from an eye with a sharp instrument. Grasping the upper lashes and pull the upper lid out and down. Often the object will attach to the inside of the upper lid and be swept away by tears. If the injury is serious, put a clean cloth or gauze pad over the eye.
- An average adult can lose one pint of blood in 15 to 20 minutes without serious danger. To stop heavy bleeding, first elevate the limb (if no fracture is suspected) and apply direct pressure to the affected area.
- Treating for Shock: ensure the victim can breathe comfortably and place covers under and over victim. If they are unconscious place them on their side and monitor the airway.
- A deep puncture wound is perhaps the most likely to become infected. Apply antiseptics to cleanse the wound to prevent infection.
- Heat Exhaustion - may result from physical exertion in hot environments. Symptoms may include profuse sweating, weakness, paleness of the skin, rapid pulse, dizziness, nausea, headache, vomiting and unconsciousness. The skin is cool and clammy with sweat. Body temperature may be normal or subnormal. Depending on the severity; the corrective action may be to rest in the shade or cool place and drink plenty of water or call 911 in extreme cases.

Remember that we are using the On-Site Health & Safety service at Genesis. They are able to respond and provide care to any employee that has sustained a non-life threatening injury; 24 hours a day. Onsite can be reached at (866) 998-2750 and will treat the employee at the job. Since Onsite went into business they have had a 98% success rate keeping injuries at a first aid level.



Tools are such a common part of our lives that it is difficult to remember that they may pose hazards. All tools are manufactured with safety in mind but, tragically, a serious accident often occurs before steps are taken to search out and avoid or eliminate tool-related hazards. In the process of removing or avoiding the hazards, workers must learn to recognize the hazards associated with the different types of tools and the safety precautions necessary to prevent those hazards.

The U.S. Consumer Product Safety Commission and National Institute of Occupational Safety and Health data indicate that about 37,000 people go to emergency rooms every year with injuries from pneumatic tools. Whether using a chipper, grinder or other air tool, safety procedures must be followed to prevent injuries.

- Use extreme caution when using an air tool around other workers.
- Keep all tools in good condition with regular maintenance.
- Use the right tool for the job.
- Examine each tool for damage before use.
- Provide and use the proper protective equipment.
- All operators must review the owner's manual and understand the directions for the specific tool.
- Use specified pressures from the manufacturer for the tool.
- Disconnect the air hose before clearing a jam or making adjustments on any air tool.
- Keep your free hand safely out of the way of the tool. Do not use it to hold a part near the impact point.
- Employees must check to see that they are fastened securely to the hose to prevent them from becoming disconnected.
- A safety clip or retainer must be installed to prevent attachments, such as chisels on a chipping hammer, from being unintentionally shot from the barrel.

Use first aid procedures or seek medical help if an accident occurs.

When used properly, pneumatic tools can make a difficult job easy. But when they are misused, severe injuries will occur. Take the time to train all employees on their safe use. Employees and employers have a responsibility to work together to establish safe working procedures. If a hazardous situation is encountered, it should be brought to the attention of the proper individual immediately.



Make the RIGHT Choice

July 29, 2013

Housekeeping

Lack of proper housekeeping on the job is one safety hazard common to all construction projects until after final cleanup. Good housekeeping is one item that can help improve not only the safety on the job, but also the morale and productivity of the job.

The following "General Rules" should be followed to ensure good housekeeping:

- Scrap lumber with protruding nails must be disposed of appropriately.
Bend nails over or remove from lumber.
- Keep all waste debris in neat piles and away from the immediate work area.
- Remove debris from the job on a regular basis.
Dispose of dunnage regularly. Crates and pallets should be discarded once the contents are removed.
- Keep aisles, stairways and walkways clear.
- Store materials only in their designated areas.
Material such as pipe, cable tray and conduit awaiting installation should be staged in areas that don't impede paths of travel. If construction materials need to be temporarily placed in walkways the area should be barricaded.
- Place trash barrels where needed to eliminate rubbish and empty them regularly.
- Keep tools and equipment stored neatly.
Keep extension cords from being across walkways and doorways. If necessary, run them overhead; same applies to air compressor hoses and welding leads.
Fall protection and rigging should be stored in a clean, dry environment out of direct sunlight when not in use.
- Don't let trash and debris build up. If it does, make an extra effort to get it cleaned up.

Good Housekeeping Can:

- Prevent minor injuries like cuts, punctures and slivers
- Prevent major accidents like slips, trips, falls and fires
- Increase job productivity by speeding up the movement of workers and materials on the job

A reminder to all employees: unit two of the project is undergoing final commissioning in the solar fields. This means that the mirrors and pumps are capable of being run remotely. Be conscientious of where you park, especially around the mirrors, as tests are being conducted. Just because you do not see anyone in the immediate work area keep in mind there is a potential for equipment to move.

Appendix G
Miscellaneous Submittals and Information

July 1, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Power Block 1- Working pipe supports.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2,4 and 6.
- ♦ Unit 2-Working punch list items.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Hydro testing is on-going. Removing plugs on cross overs for Chemical Clean activities.
- ♦ Unit 1- Working Pipe Rack 22 West and Boiler Feed Water structure. Installing pipe on Pipe Racks 17, 24, 25 and 26. Working down comers on both Trains.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 2- Installing instruments at the south header and tray covers on North/South cable tray.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1-Installing conduit, tray and setting equipment.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulation North/South pipe way and installing HCE covers in Block 9.
- ♦ Power Block- Insulating Train 1 and Ullage Vessels. Insulating Closed Cooling, HTF, Feed Water and Boiler Steam piping.

Site Safety Topic Of The Week:
"Eye Safety"

Weather		
Clear	Temp- High 115	Winds-Southwest at 15 mph



Power Block 2 Train Economizers



Power Block 1-Installing Steel on Boiler Feed Water Structure

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall prepping final weld to Turbine.

Common Area Electrical and Instrumentation (K073):

- ♦ Working punch list items.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7. Leveling SCA's in Block 2. Aligning pylons in Block 7.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 1 and 3.

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Aqualazing Steam and Feed Water systems. Setting up chemical cleaning temporary pipe system.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	4
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	20
Newtron (K030)	140
Fe Moran (K032)	9
Petrochem (K036)	128
SPX (K057)	38
Newtron (K073)	5
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	967

July 2, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Power Block 1- Pouring pipe supports.
- ♦ Power Block 2- Pouring pipe supports.
- ♦ Common Area- Placing rebar in Well 0 slab.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2,4 and 6.
- ♦ Unit 2-Working punch list items.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Hydro testing and draining is on-going. Removing plugs on Train 2 cross overs for Chemical Clean activities.
- ♦ Unit 1- Working Boiler Feed Water structure. Installing pipe on Pipe Racks 17, 22 East, 23, 24, 25 and 26. Working down comers on both Trains. Working instrument air header.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 2- Installing instruments at the south header and tray covers on North/South cable tray.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1-Installing conduit, tray and setting equipment.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South pipe way and installing HCE covers in Block 9.
- ♦ Power Block- Insulating Ullage Vessels. Insulating Closed Cooling, HTF, Feed Water and Boiler Steam piping. Installing Heat Trace Panels.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:

"Eye Safety"

Weather		
Partly Cloudy	Temp- 111	Winds-Southwest at 13 mph



Power Block 2 Pipe Rack 22 East



Power Block 1-PDC 1A

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and prepping final weld to Turbine.

Common Area Electrical and Instrumentation (K073):

- ♦ Working punch list items.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7. Leveling SCA's in Block 2.
Aligning pylons in Block 7. Shaking out pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 1 and 3. Installing supports in Block 6 and crossovers in Block 4.

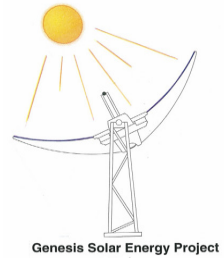
Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Aqualazing Steam and Feed Water systems. Setting up chemical cleaning temporary pipe and pump system.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	20
Newtron (K030)	140
Fe Moran (K032)	9
Petrochem (K036)	128
SPX (K057)	38
Newtron (K073)	5
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	966



Genesis Solar, LLC.
Blythe, California
Daily Report
July 3, 2013



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Power Block 1- Pouring pipe supports.
- ♦ Power Block 2- General Grading.
- ♦ Common Area- Clean Sumps.
- ♦ Solar Field- North West met tower install.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2,4 and 6.
- ♦ Unit 2-Working punch list items.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Hydro testing and draining is on-going. Removing plugs on Train 2 cross overs for Chemical Clean activities.
1 Hydro test and 1 pneumatic test remain,
- ♦ Unit 1- Working Boiler Feed Water structure. Installing pipe on Pipe Racks 17, 22 East, 23, 24, 25 and 26. Working down comers on both Trains. Working instrument air header.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 2- Installing instruments at the south header and tray covers on North/South cable tray.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1-Installing conduit, tray and setting equipment.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South pipe way and installing HCE covers in Block 8.
- ♦ Power Block- Insulating Ullage Vessels. Insulating Closed Cooling, HTF, Feed Water and Boiler Steam piping. Installing Heat Trace Panels.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:
"Eye Safety"

Weather		
Partly Cloudy	Temp- 114	Winds-Southwest at 8 mph



Power Block 2 top of ACC facing West



Well 0

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and prepping final weld to Turbine.

Common Area Electrical and Instrumentation (K073):

- ♦ Working punch list items.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7. Leveling SCA's in Block 2. Aligning pylons in Block 7. Shaking out pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 1 and 3. Installing supports in Block 7 and crossovers in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Aqualazing Steam and Feed Water systems. Setting up chemical cleaning temporary pipe and pump system. Fired boiler.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	20
Newtron (K030)	140
Fe Moran (K032)	9
Petrochem (K036)	128
SPX (K057)	38
Newtron (K073)	5
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	966

July 8, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Power Block 1- Excavating pipe supports.
- ♦ Power Block 2- Excavating pipe supports.
- ♦ Solar Field- Assembling meteorological towers.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2,4 and 6.
- ♦ Unit 2-Working punch list items.
- ♦ Common Area- Installing sump cover.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Hydro testing and draining is on-going.
- ♦ Unit 1- Working Boiler Feed Water structure and Deaerator platform. Installing pipe on Pipe Racks 17, 22 East, 23, 24, 25 and 26. Working down comers on both Trains. Working instrument air and Siemens Pipe.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Terminating in Ring 5. Installing flex and LOC's in Ring 3. Working Substations B and D.
- ♦ Unit 2- Punch list and clean up.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1-Installing conduit, tray and setting equipment.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ No Activity. Work will resume Wednesday 7/10/13.

Site Safety Topic Of The Week:

"First Aid"

Weather		
Partly Cloudy	Temp- 113	Winds-Southwest at 7 mph



Power Block 2 Ullage Area



Solar Field 2 Blocks 3 and 2

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and making final weld to Turbine.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and working punch list items.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7. Leveling SCA's in Block 2. Aligning pylons in Block 7. Erecting pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 1 and 3. Installing supports, Crossovers and Interconnects in Blocks 2,3 and 6.

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Aqualazing Steam and Feed Water systems. Restoring chemical cleaning temporary pipe and pump system.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	0
SPX (K057)	38
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	895

July 9, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ PMI reported an employee who cut his thumb while attempting to change the grinding wheel of his handheld grinder. The employee failed to unplug the equipment before servicing and inadvertently pressed the power switch while holding the wheel. The employee was wearing gloves. The employee was taken to a clinic where he received sutures to close the cut and was released for duty the same day. PMI re-enforced hand tool safety with all employees and proper gloves for heavy work.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Power Block 1- Installing rebar in pipe supports.
- ♦ Power Block 2- Installing rebar in pipe supports.
- ♦ Solar Field- Erecting meteorological towers.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2,4 and 6.
- ♦ Unit 2-Working punch list items.
- ♦ Common Area- Installed sump cover.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Hydro testing and draining is on-going.
- ♦ Unit 1- Working Boiler Feed Water structure and Deaerator platform. Installing pipe on Pipe Racks 17, 22 East, 23, 24, 25 and 26. Working down comers on both Trains. Working instrument air and Siemens Pipe.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Terminating in Ring 5. Installing flex in Ring 3 and LOC's in Ring 2. Working Substations B and D.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1-Installing conduit, tray, pulling cable and setting equipment.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ No Activity. Work will resume Wednesday 7/10/13.

Site Safety Topic Of The Week:

"First Aid"

Weather		
Clear	Temp-High 109	Winds-Southeast at 13 mph



Power Block 2 Pipe Rack 23



Power Block 1 Pipe Rack 23

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and making final weld to Turbine.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and working punch list items.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7. Leveling SCA's in Block 2. Aligning pylons in Block 7.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 1 and 3. Installing supports, Crossovers and Interconnects in Blocks 2 and 3

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Aqualazing Steam and Feed Water systems. Restoring chemical cleaning temporary pipe and pump system.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	0
SPX (K057)	38
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	895

July 10, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Power Block 1- Pouring pipe supports.
- ♦ Power Block 2- Pouring pipe supports.
- ♦ Solar Field- Excavating light pole and meteorological tower junction box foundations.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2,4 and 6.
- ♦ Unit 2-Working punch list items.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Hydro testing and draining is on-going.
- ♦ Unit 1- Working Boiler Feed Water structure and Deaerator platform. Installing pipe on Pipe Racks 17, 22 , 23, 24, 25 and 26. Working down comers on both Trains. Working instrument air and Siemens Pipe.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Terminating in Ring 5. Installing flex in Ring 3 and LOC's in Ring 2. Working Substations B and D.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1-Installing conduit, tray, pulling cable and setting equipment.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South header. Installing HCE covers in Block 8.
- ♦ Power Block- Insulating HTF, Boiler Steam and Feed water piping on Train 1 and 2. Installing heat trace and conduit.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:

"First Aid"

Weather		
Clear	Temp-High 103	Winds-South 13 mph



Power Block 2 Boiler Feed Water Structure



Power Block 1 Boiler Feed Water Structure

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and making final weld to Turbine.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and working punch list items.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7. Leveling SCA's in Block 2. Aligning pylons in Block 7.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 3. Installing supports, Crossovers and Interconnects in Blocks 2 and 3. Testing in Block 1.

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Aqualazing Steam and Feed Water systems. Restoring chemical cleaning temporary pipe and pump system.

- ♦ Siempra Gas tie in began today.

- ♦ Meeting with Caltrans to review project entrance paving was held today.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	155
SPX (K057)	38
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	1,050



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

July 11, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Working light pole and meteorological tower junction box foundations.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2,4 and 6.
- ♦ Unit 2-Working punch list items.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- Unit 1- Working Boiler Feed Water structure and Deaerator platform. Installing pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Terminating in Ring 5. Installing flex in Ring 3 and LOC's in Ring 2. Working Substations B and D.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1-Installing conduit, tray, pulling cable and setting equipment.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing conduit and supports.
- ♦ Unit 2- Performed Deluge test at the Ullage area.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South header. Installing HCE covers in Block 7.
- ♦ Power Block- Insulating HTF, Boiler Steam, Feed Water, Waste Water and Potable Water systems. Installing heat trace and conduit.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:
"First Aid"

Weather		
Cloudy	Temp-High 94	Winds-East at 6 mph



Solar Field 2 Block 3



Solar Field 1 Block 3

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and making final weld to Turbine.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and working punch list items.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7. Leveling SCA's in Block 2. Aligning pylons in Block 7. Erecting pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 1 and 3. Installing supports, Crossovers and Interconnects in Blocks 2 and 3. Testing in Block 1.

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Restoring chemical cleaning temporary pipe and pump system.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	155
SPX (K057)	22
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	1,034

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

July 12, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Restoring light pole and meteorological tower junction box foundations from last night's rain.

Solar Field Header/Common Area Piping (K021):

- ♦ No Activity.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
Unit 1- Installing grating on Pipe Rack 22 west and steel on Pipe Rack upper deck. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ No Activity.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Installing conduit, instruments, pulling cable and terminating.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing header in valve house no. 3.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South header. Installing HCE covers in Block 7.
- ♦ Power Block- Insulating HTF, Boiler Steam, Feed Water, Waste Water and Potable Water systems. Installing heat trace and conduit.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:
"First Aid"

Weather		
Partly Cloudy	Temp-High 103	Winds-South at 6 mph



Solar Field 1 Block 8 Substation 1C



Solar Field 2 Block 3 Substation 2B

Air Cooled Condenser (K057):

- ♦ No Activity.

Common Area Electrical and Instrumentation (K073):

- ♦ No Activity.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Leveling SCA's in Block 2 and receiving material.

HCE Tube Installation (K102):

- ♦ No Activity.

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Restoring chemical cleaning temporary pipe and pump system.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	0
PMI (K022)	254
Newtron (K029)	0
Newtron (K030)	189
Fe Moran (K032)	3
Petrochem (K036)	155
SPX (K057)	0
Newtron (K073)	0
BPC (K100)	15
BPC (K102)	0
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	738

July 15, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Pouring meteorological tower junction box foundations. Clean up from last weeks rain. Establishing subgrade near Channel D bridge for paving.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4 and 6.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
Unit 1- Installing Pipe Rack 23 and 22 West steel. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Rings 2 and 4. Mounting RTD's in Ring 2. Working substations B and D. Terminating in Ring 5.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1 Installing tray, conduit and supports.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working header in valve house no. 3. Installing conduit and setting devices.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South header. Installing HCE covers in Blocks 1 and 7.
- ♦ Power Block- Insulating HTF, Boiler Steam, Feed Water, Waste Water and Potable Water systems. Installing heat trace and conduit.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:

"Handy Tips for Hand Safety"

Weather		
Clear	Temp-High 113	Winds-Southwest at 11 mph



Power Block 2 Train 2



Power Block 2 Main Transformer

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and working final weld to turbine.
- ♦ Unit 2-Pitching blades on Streets 2 and 3.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and working punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting in Block 7. Leveling SCA's in Block 2. Aligning pylons in Block 4.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 3. Welding in Blocks 1 and 3. Installing supports, crossovers and interconnects in Blocks 2 and 3.

Pre-commissioning B&W Fluid Dynamics (K205)

- ♦ Unit 2- Restoring chemical cleaning temporary pipe and pump system.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	155
SPX (K057)	22
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	7
Total Personnel Onsite	1,034

July 16, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Poured Unit 2 meteorological tower supports. Establishing subgrade near entrance and Channel B bridge for paving.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4, 6 and North/South Header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- Unit 1- Installing Pipe Rack 23 and 22 West steel. Working punch list items on PDC's. Installing Steam Turbine Generator platforms and siding. Detailing Boiler Feed Water Structure and Steam Drum platforms. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas. Setting motors on Condensate pumps.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Rings 2 and 4. Mounting LOC's in Ring 4. Working substations B and D. Terminating in Ring 5.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1- Installing tray, conduit and supports.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing hangers in valve houses. Installing conduit and setting devices.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South header.
- ♦ Power Block- Insulating HTF, Boiler Steam, Feed Water, Waste Water and Potable Water systems. Installing heat trace and pulling cable to Heat Trace panels.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:

"Handy Tips for Hand Safety"

Weather		
Clear	Temp-High 109	Winds-Southeast at 14 mph



Power Block 2 Pipe Rack 22 West



Power Block 1

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and working final weld to turbine.
- ♦ Unit 2-Pitching blades on Streets 2 and 3.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and working punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting in Block 7. Leveling SCA's in Block 7. Aligning pylons in Block 4.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 2. Welding in Blocks 1 and 3. Setting supports in Blocks 6,7 and 8.
- ♦ Unit 2- Replacing broken tubes.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	155
SPX (K057)	22
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	1
Total Personnel Onsite	1,028

July 17, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Excavating Unit 2 meteorological tower underground electrical lines. Establishing subgrade near entrance and Channel B bridge for paving.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4, 6 and North/South Header.
- ♦ Unit 2-Punchlist.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- Unit 1- Installing Pipe Rack 23 and 22 West steel. Installing Steam Turbine Generator platforms and siding. Detailing Boiler Feed Water Structure and Steam Drum platforms. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Rings 2 and 4. Mounting LOC's in Ring 4. Working substations B and D. Terminating in Ring 5.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1- Installing tray, conduit and supports. Mounting equipment and instruments. Pulling cable and terminating.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing header in valve house No. 1. Installing conduit and setting devices.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South header.
- ♦ Power Block- Insulating HTF, Boiler Steam, Feed Water, Waste Water and Potable Water systems. Installing heat trace and pulling cable to Heat Trace panels.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:

"Handy Tips for Hand Safety"

Weather		
Clear	Temp-High 110	Winds-Southwest at 10 mph



Power Block 2 and Solar Field 2 HTF Pipe Tee



Power Block 2 Air Cooled Condenser

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and working final weld to turbine.
- ♦ Unit 2-Pitching blades on Streets 2 and 3.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and working punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting in Block 7. Leveling SCA's in Block 7. Aligning pylons in Block 4. Offloading pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 2. Welding in Blocks 1 and 3. Setting supports in Blocks 6,7 and 8. Installing crossovers in Blocks 2 and 3.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	155
SPX (K057)	22
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	1
Total Personnel Onsite	1,028

July 18, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Excavating Unit 2 meteorological tower underground electrical lines. Establishing subgrade near entrance and Channel B bridge for paving.

Solar Field Header/Common Area Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4, 6 and North/South Header.
- ♦ Unit 2-Punchlist.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- Unit 1- Installing Pipe Rack 23 and Steam drum platforms. Installing Steam Turbine Generator platforms. Detailing Boiler Feed Water Structure and Pipe Rack 22. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Rings 2. Mounting LOC's in Ring 2. Working substations B and D. Terminating and cable install in Ring 5.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.
- ♦ Unit 1- Installing tray, conduit and supports. Mounting equipment and instruments. Pulling cable and terminating.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing header in valve house No. 1. Installing conduit and setting devices.

Insulation and Heat Tracing (K036):

- ♦ Solar Field- Insulating North/South header.
- ♦ Power Block- Insulating HTF, Boiler Steam, Feed Water, Waste Water and Potable Water systems. Installing heat trace and pulling cable to Heat Trace panels.
- ♦ Common Area- Insulating all systems.

Site Safety Topic Of The Week:

"Handy Tips for Hand Safety"

Weather		
Clear	Temp-High 111	Winds-Southwest at 7 mph



Power Block 1 Train 2



Solar Field 1 Block 4 Header Pipe

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing wind wall and working final weld to turbine.
- ♦ Unit 2-Pitching blades on Street 1.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing lighting and cable tray covers.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting in Block 7. Leveling SCA's in Block 7. Aligning pylons in Block 4. Offloading pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 2. Welding in Block 3. Setting supports in Blocks 6,7 and 8. Installing crossovers in Blocks 2 and 3.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	254
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	6
Petrochem (K036)	155
SPX (K057)	15
Newtron (K073)	8
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	1
Total Personnel Onsite	1,021

July 19, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Excavating and pouring duct banks for Unit 2 meteorological tower underground electrical lines.

Solar Field Header/Common Area Piping (K021):

- ♦ No Activity.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover and Steam Drum platform modifications.
- ♦ Unit 1- Installing Pipe Rack 23 steel. Detailing Boiler Feed Water Structure and Pipe Rack 22. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ No Activity.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, instruments, pulling cable and terminating.

Fire Protection and Detection Systems (K032):

- ♦ No Activity.

Insulation and Heat Tracing (K036):

- ♦ No Activity.

Site Safety Topic Of The Week:

"Handy Tips for Hand Safety"

Weather		
Clear	Temp-High 107	Winds-Southwest at 12 mph



Power Block 2 Train 1



Power Block 1 Pipe Rack 22 West

Air Cooled Condenser (K057):

- ♦ No Activity.

Common Area Electrical and Instrumentation (K073):

- ♦ No Activity.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Leveling SCA's in Block 7 and receiving material.

HCE Tube Installation (K102):

- ♦ No Activity.

Finish Grade and Final Paving (K211):

- ♦ Placing base at project entrance and at turnaround near Channel D.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	0
PMI (K022)	254
Newtron (K029)	0
Newtron (K030)	189
Fe Moran (K032)	0
Petrochem (K036)	0
SPX (K057)	0
Newtron (K073)	0
BPC (K100)	10
BPC (K102)	0
B&W Fluid Dynamics (K205)	0
Sukut (K211)	10
Total Personnel Onsite	578

July 22, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Excavating Unit 1 meteorological tower underground electrical lines.

Solar Field Header Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4, 6 and the North/South Header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover and Steam Drum platform modifications. Installing Ullage pump drains.
- ♦ Unit 1- Working platforms on Pipe Racks 22 and 23. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing LOC's and flex in Ring 5. Terminating cable in Rings 5 and 1. Working substations B and D.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Pulling and terminating cable in areas 25 and 11. Installing conduit in Area 11.
- ♦ Unit 1- Installing conduit in Area 23 to junction boxes and skids. Pulling cable to PDC's and feeders to Iso Phase. Installing flex to HTF pumps. Working conduit and lighting in Area 17. Installing conduit in Area 25.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working header in Valve House No.2. Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ Common Area- Insulating all systems.
- ♦ Power Block- Installing Heat Trace and pulling cable to panels.
- ♦ Solar Field and Power Block insulation crews will resume tonight.

Site Safety Topic Of The Week:
"Pneumatic Tools"

Weather		
Clear	Temp-High 100	Winds-Southeast at 6 mph



Power Block 1 Expansion Tank Piping



Power Block 1 Train 2 Reheaters

Air Cooled Condenser (K057):

- ♦ Unit 1- Working East wind wall and stair towers.
- ♦ Unit 2- Pitching blades on Street 1.

Common Area Electrical and Instrumentation (K073):

- ♦ Working lighting and punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 7 and 6. Leveling SCA's in Block 7. Aligning pylons in Block 4. Erecting pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Installing HCE tubes in Block 2. Welding in Block 3. Testing in Block 1.

Finish Grade and Final Paving (K211):

- ♦ Began subgrade work in the Cal Trans ROW.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	264
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	10
Petrochem (K036)	20
SPX (K057)	15
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	0
Sukut (K211)	10
Total Personnel Onsite	905

July 23, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field- Excavating Unit 1 meteorological tower underground electrical lines.

Solar Field Header Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4, 6 and the North/South Header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- ♦ Unit 1- Working platforms on Pipe Racks 22 and 23. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Ring 3. Terminating cable in Rings 5 and 1. Working substations B and D.
- ♦ Unit 2- Installing cable from Met Towers to Sun Sensor Trackers.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Pulling and terminating cable in areas 25 and 11. Installing conduit in Area 11.
- ♦ Unit 1- Installing conduit in Area 23 to junction boxes and skids. Pulling cable to PDC's and feeders to Iso Phase. Working conduit and lighting in Area 17. Installing conduit drops in Area 25. Installing tray supports in the Electrical Building. Installing conduit at the Freeze protection pumps. Terminating 5 Kv at HTF pumps.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Began installing Overflow tank sprinkler piping. Installing conduit and supports.

Insulation and Heat Tracing (K036):

- ♦ Common Area- Insulating all systems.
- ♦ Power Block- Installing Heat Trace and pulling cable to panels. Insulating HTF, Boiler Steam and Feed water piping on both trains.
- ♦ Solar Field- Insulating North/South header.

Site Safety Topic Of The Week:
"Pneumatic Tools"

Weather		
Clear	Temp-High 102	Winds-Southeast at 10 mph



Power Block 2 Looking West



Power Block 2 PDC 2A

Air Cooled Condenser (K057):

- ♦ Unit 1- Working East wind wall and stair towers.
- ♦ Unit 2- Pitching blades on Street 1.

Common Area Electrical and Instrumentation (K073):

- ♦ Working lighting and punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block 7. Aligning pylons in Block 4. Erecting pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Installing HCE tubes in Block 2. Welding in Block 3. Testing in Block 1.

Finish Grade and Final Paving (K211):

- ♦ Establishing subgrade in the Cal Trans ROW.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	264
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	10
Petrochem (K036)	136
SPX (K057)	15
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	0
Sukut (K211)	10
Total Personnel Onsite	1,021

July 24, 2013

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014



Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 2- Backfilling Met tower underground electrical lines. Pouring duct banks for Met tower underground electrical road crossings. Setting Sun Sensor Trackers.

Solar Field Header Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4, 6 and the North/South Header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- ♦ Unit 1- Working platforms on Pipe Racks 22 and 23. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas. Installing sump covers and deluge steel. Post Weld Heat Treat on Train 2. Setting Air Receiver Tank.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Ring 3. Terminating cable in Rings 5 and 1. Working substations B and D.
- ♦ Unit 2- Installing cable from Met Towers to Sun Sensor Trackers.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Pulling and terminating cable in Areas 25 and 11. Installing conduit in Area 11.
- ♦ Unit 1- Installing conduit in Area 23 to junction boxes and skids. Working conduit and lighting in Area 17. Installing conduit drops in Area 25. Installing tray supports in the Electrical Building. Installing conduit at the Freeze Protection pumps. Pulling cable from VFD to Freeze Protection pumps. Terminating 5 Kv at HTF pumps. Installing cable tray in Area 20.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing Overflow tank sprinkler piping. Installing conduit and supports.

Site Safety Topic Of The Week:
"Pneumatic Tools"

Weather		
Clear	Temp-High 110	Winds-Southeast at 11 mph



Power Block 2



Solar Field 2 Block 10

Insulation and Heat Tracing (K036):

- ♦ Common Area- Insulating all systems.
- ♦ Power Block- Installing Heat Trace and pulling cable to panels. Insulating HTF, Boiler Steam and Feed water piping on both trains.
- ♦ Solar Field- Insulating North/South header. Began stripping HCE tube foil in Block 10.

Air Cooled Condenser (K057):

- ♦ Unit 1- Working East wind wall and stair towers.
- ♦ Unit 2- Pitching blades on Street 1.

Common Area Electrical and Instrumentation (K073):

- ♦ Working lighting and punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block 7. Aligning pylons in Block 4. Erecting pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 2. Welding in Block 3. Testing complete in Block 1.

Finish Grade and Final Paving (K211):

- ♦ Establishing subgrade in the Cal Trans ROW.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	264
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	10
Petrochem (K036)	136
SPX (K057)	15
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	0
Sukut (K211)	10
Total Personnel Onsite	1,021

July 25, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field 2- Backfilling Met tower underground electrical lines. Setting Sun Sensor Trackers.
- ♦ Common Area- Forming electrical supports.
- ♦ Power Block 1- Forming Pipe Supports.

Solar Field Header Piping (K021):

- ♦ Unit 1- Installing and welding pipe in Blocks 2, 4, 6 and the North/South Header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Continue work on Steam Drum grating.
- ♦ Unit 1- Working platforms on Pipe Racks 22 and 23. Continue weld out on Train 1 and 2. Installing and welding pipe in all areas. Installing sump covers and stair towers. Post Weld Heat Treat on Train 2.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Ring 3. Terminating cable in Ring 1. Working substations B and D.
- ♦ Unit 2- Installing cable from Met Towers to Sun Sensor Trackers.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Pulling and terminating cable in Areas 14, 25 and 11. Installing conduit in Area 11.
- ♦ Unit 1- Installing conduit in Area 23 to junction boxes and skids. Working conduit and lighting in Area 17. Installing conduit drops in Area 25. Installing tray supports and equipment in the Electrical Building. Installing conduit at the Freeze Protection pumps. Pulling cable from VFD to Freeze Protection pumps. Terminating 5 Kv at HTF pumps. Installing cable tray in Area 20. Installing conduit to the Air Compressor skid.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing Overflow tank sprinkler piping. Installing conduit and supports.

Site Safety Topic Of The Week:
"Pneumatic Tools"

Weather		
Clear	Temp-High 106	Winds-South at 15 mph



Power Block 2 Pipe Rack 23



Power Block 2

Insulation and Heat Tracing (K036):

- ♦ Common Area- Insulating all systems.
- ♦ Power Block- Installing Heat Trace and pulling cable to panels. Insulating HTF, Boiler Steam and Feed water piping on both trains.
- ♦ Solar Field- Stripping HCE tube foil in Block 10 and 5.

Air Cooled Condenser (K057):

- ♦ Unit 1- Working East wind wall and stair towers.
- ♦ Unit 2- Pitching blades on Street 1.

Common Area Electrical and Instrumentation (K073):

- ♦ Working lighting and punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block 7. Aligning pylons in Block 4. Erecting pylons in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 2. Welding in Block 3. Testing in Block 3. Install supports in Blocks 4,7 and 8. Installing crossovers and interconnects in Block s 4 and 7.

Finish Grade and Final Paving (K211):

- ♦ Placing aggregate base in the Cal Trans ROW.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	68
PMI (K022)	264
Newtron (K029)	28
Newtron (K030)	189
Fe Moran (K032)	10
Petrochem (K036)	136
SPX (K057)	15
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	99
B&W Fluid Dynamics (K205)	0
Sukut (K211)	10
Total Personnel Onsite	1,021

July 26, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field 2- Backfilling met tower underground electrical lines. Pouring light pole foundations.
- ♦ Solar Field 1- Pouring met tower duct banks.
- ♦ Common Area- Pouring electrical supports.
- ♦ Power Block 1- Pouring pipe supports.

Solar Field Header Piping (K021):

- ♦ No Activity.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover. Continue work on Steam Drum grating.
- ♦ Unit 1- Working platforms on Pipe Racks 22 and 23. Continue weld out on Train 1. Installing and welding pipe in all areas. Installing sump covers and stair towers. Post Weld Heat Treat on Train 2.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 2- Installing and terminating cable at Met Towers and Sun Sensor Trackers.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Pulling and terminating cable in Areas 14, 23 and 11. Installing conduit in Area's 11 and 14. Instrument tie in's Areas 11 and 14.

Fire Protection and Detection Systems (K032):

- ♦ No Activity.

Site Safety Topic Of The Week:

"Pneumatic Tools"

Weather		
Clear	Temp-High 106	Winds-Southeast at 9 mph



Power Block 1 Pipe Rack 22 West



Cal Trans ROW Aggregate Base Placement

Insulation and Heat Tracing (K036):

- ♦ Power Block- Insulating HTF, Boiler Steam and Feed water piping on both trains.

Air Cooled Condenser (K057):

- ♦ No Activity.

Common Area Electrical and Instrumentation (K073):

- ♦ No Activity.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Leveling SCA's in Block 7.

HCE Tube Installation (K102):

- ♦ No activity.

Finish Grade and Final Paving (K211):

- ♦ Placing aggregate base and cutting subgrade in the Cal Trans ROW.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	0
PMI (K022)	264
Newtron (K029)	6
Newtron (K030)	189
Fe Moran (K032)	0
Petrochem (K036)	121
SPX (K057)	0
Newtron (K073)	4
BPC (K100)	15
BPC (K102)	0
B&W Fluid Dynamics (K205)	0
Sukut (K211)	10
Total Personnel Onsite	724

July 29, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field 2- Backfilling met tower underground electrical lines.
- ♦ Solar Field 1- Installing Sun Sensor Tracker pedestals.

Solar Field Header Piping (K021):

- ♦ Unit 1- Installing and welding Header Pipe in Blocks 4,6 and North/South header. Installing and welding interconnects in Block 2.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- ♦ Unit 1- Working platforms on Pipe Rack 22 West. Continue weld out on Train 1. Installing and welding pipe in all areas. Installing sump covers and stair towers. Post Weld Heat Treat on Train 2.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Ring 3. Terminating and cable install in Ring 1. Working substations B and D.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Pulling and terminating cable in Areas 14 and 11. Installing conduit in Area's 14 and 25. Instrument tie in's Areas 11 and 14.
- ♦ Unit 1- Installing conduit in Area's 17,19,21,22. Terminating and pulling cable at freeze protection pumps. Terminating at main HTF pumps. Installing cable tray in Area 20. Working Instrument Air. Installing tray, supports and equipment in the Electrical Building.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing HTF Overflow Tank Sprinkler pipe and conduit to Valve Houses.

Site Safety Topic Of The Week:
"Housekeeping"

Weather		
Clear	Temp-High 106	Winds-Southeast at 11 mph



Power Block 2 Train 1



Power Block 2 Switchyard

Insulation and Heat Tracing (K036):

- ♦ Power Block- Installing Heat Trace and pulling cable to panels. Installing power wiring to valve houses..
- ♦ Common Area- Installing blankets on valves.
- ♦ Solar Field- Stripping HCE tube foil in Block 5.

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing west wind wall.
- ♦ Unit 2- Working fan blade pitch.

Common Area Electrical and Instrumentation (K073):

- ♦ Working lighting and punch list.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block 7. Erecting pylons in Block 8. Aligning pylons in Block 4.

HCE Tube Installation (K102):

- ♦ Unit 1-Installing HCE tubes in Block 2. Welding HCE tubes in Block 3. Installing crossovers in Block 2. Installing supports in Blocks 6,7 and 8.

Finish Grade and Final Paving (K211):

- ♦ Placing aggregate base in the Cal Trans ROW.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	264
Newtron (K029)	6
Newtron (K030)	189
Fe Moran (K032)	10
Petrochem (K036)	30
SPX (K057)	15
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	0
Sukut (K211)	10
Total Personnel Onsite	868

July 30, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field 2- Backfilling met tower underground electrical lines.
- ♦ Solar Field 1- Pouring met tower duct banks.

Solar Field Header Piping (K021):

- ♦ Unit 1- Installing and welding Header Pipe in Blocks 4,6 and North/South header. Installing and welding interconnects in Block 2.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- ♦ Unit 1- Working platforms on Pipe Rack 22 West. Continue weld out on Train 1. Installing and welding pipe in all areas. Installing sump covers and welding out silencer steel. Post Weld Heat Treat on Train 2.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Ring 3. Terminating and cable install in Ring 1. Working substations B and D.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, pulling and terminating cable in Areas 23, 14 and 11.
- ♦ Unit 1- Installing conduit in Area's 17,19,21,22. Terminating and pulling cable at freeze protection pumps. Terminating at main HTF pumps. Installing cable tray in Area 20. Working Instrument Air. Installing tray, supports and equipment in the Electrical Building.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing HTF Overflow Tank Sprinkler pipe and conduit to Valve Houses.

Site Safety Topic Of The Week:
"Housekeeping"

Weather		
Clear	Temp-High 108	Winds-South at 14 mph



Solar Field 1 Blocks 7 and 8



Power Block 2- Offloading Steam Blow Silencers

Insulation and Heat Tracing (K036):

- ♦ Power Block- Installing Heat Trace and pulling cable to panels. Installing power wiring to valve houses. Insulating Feed Water, HTF and boiler Steam piping on both trains.
- ♦ Common Area- Installing blankets on valves.
- ♦ Solar Field- Stripping HCE tube foil in Blocks 4 and 5.

Air Cooled Condenser (K057):

- ♦ Unit 1- Installing west wind wall and working fan blade pitch.

Common Area Electrical and Instrumentation (K073):

- ♦ Working lighting and installing tray covers.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block 7. Erecting pylons in Block 8. Aligning pylons in Block 4.

HCE Tube Installation (K102):

- ♦ Unit 1-Installing HCE tubes in Block 2. Welding HCE tubes in Block 3. Installing crossovers in Block 2. Installing supports in Blocks 6,7 and 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Received Steam Blow Silencers.

Finish Grade and Final Paving (K211):

- ♦ Placing aggregate base in the Cal Trans ROW.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	6
Newtron (K030)	196
Fe Moran (K032)	10
Petrochem (K036)	117
SPX (K057)	15
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	4
Sukut (K211)	10
Total Personnel Onsite	972

July 31, 2013

Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Solar Field 1- Backfilling met tower underground electrical lines.
- ♦ Power Block 1- Pouring pipe supports.

Solar Field Header Piping (K021):

- ♦ Unit 1- Installing and welding Header Pipe in Blocks 4,6 and North/South header. Installing and welding interconnects in Block 2.

Power Block Piping and Mechanical (K022):

- ♦ Unit 2- Continue punch list on various systems for turnover.
- ♦ Unit 1- Working Pipe Rack 22 West steel. Installing and welding pipe in all areas. Installing sump covers and welding out silencer steel. Post Weld Heat Treat on Train 1.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing flex in Ring 3. Terminating and cable install in Ring 1. Working substations B and D.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2-Installing conduit, pulling and terminating cable in Areas 23, 14 and 11.
- ♦ Unit 1- Installing conduit in Area's 13, 17,19,21,22. Terminating and pulling cable at freeze protection pumps. Terminating at main HTF pumps. Installing cable tray in Area's 20 and 26. Installing tray, supports and equipment in the Electrical Building.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing HTF Overflow Tank Sprinkler pipe and pulling wire to Valve Houses.

Site Safety Topic Of The Week:
"Housekeeping"

Weather		
Clear	Temp-High 109	Winds-South at 16 mph



Solar Field 2



Power Block 2- Pipe Rack 23

Insulation and Heat Tracing (K036):

- ♦ Power Block- Installing Heat Trace and pulling cable to panels. Installing power wiring to valve houses. Insulating Feed Water, HTF and Boiler Steam piping on both trains.
- ♦ Common Area- Installing valve blankets.
- ♦ Solar Field- Stripping HCE tube foil in Blocks 4 and 9.

Air Cooled Condenser (K057):

- ♦ Unit 1- Working fan blade pitch and demobilization.

Common Area Electrical and Instrumentation (K073):

- ♦ Working lighting and installing tray covers.

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block's 7 and 6. Erecting pylons in Block 8. Aligning pylons in Block 4.

HCE Tube Installation (K102):

- ♦ Unit 1-Installing HCE tubes in Block 2. Welding HCE tubes in Block 3. Installing crossovers in Block 2. Installing supports in Blocks 6,7 and 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Prepping for steam blows and receiving equipment.

Finish Grade and Final Paving (K211):

- ♦ Placing aggregate base in the Cal Trans ROW. Forming curb for pour tomorrow.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	6
Newtron (K030)	196
Fe Moran (K032)	10
Petrochem (K036)	117
SPX (K057)	15
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	969

Genesis Daily Well Readings - Well Pads in acre feet x .001

New meters 10/21	Serial No#: 11-07803	Serial No#: 11-07804	Serial No#: 11-07805	Serial No#: 022037 Currently not in use	Sundays not worked so no meter readings
	All McCalls Propeller Meter McCrometer Flow Meters			Hendley Nitro Performance	
Date	Well 0	Well 1	Well 2	Front Well Gauge (in gal)	Comments
Mon. 7/01	177023	229016	294997		
Tue. 7/02	177023	230400	295295		
Wed. 7/03	177023	231003	295435		
Thu. 7/04	177023	231514	295602		
Fri. 7/05	177023	232105	295741		
Sat. 7/06	177023	232105	295741		
Sun. 7/07	177023 acre feet x .001	232105 acre feet x .001	290872 acre feet x .001	78762 00 (out of service)	Friday reading 07/05
Mon. 7/08	180033	232751	295900		
Tue. 7/09	182580	233032	296045		
Wed. 7/10	186271	233682	296275		
Thu. 7/11	188530	234281	296560		
Fri. 7/12	191220	234731	296910		
Sat. 7/13	191220	234731	296910		
Sun. 7/14	191220acre feet x .001	234731 acre feet x .001	296910 acre feet x .001	78762 00 (out of service)	Friday reading 07/12
Mon. 7/15	194194	235056	297111		
Tue. 7/16	196600	235595	297245		
Wed. 7/17	196600	236360	297621		
Thu. 7/18	196600	236991	297932		
Fri. 7/19	196600	237499	288205		
Sat. 7/20	196600	237499	288205		
Sun. 7/21	196600 acre feet x .001	237499 acre feet x .001	288205 acre feet x .001	78762 00 (out of service)	Friday reading 07/19
Mon. 7/22	196600	238006	298784		
Tue. 7/23	196602	238492	299040		
Wed. 7/24	196602	239100	299475		
Thu. 7/25	196602	239722	299906		
Fri. 7/26	196602	240263	300334		
Sat. 7/27	196602	240263	300334		
Sun. 7/28	196602 acre feet x .001	240263 acre feet x .001	300334 acre feet x .001	78762 00 (out of service)	Friday reading 07/26
Mon. 7/29	196602	240860	300792		
Tue. 7/30	196602	241446	301187		
Wed. 7/31	196602	241906	301601		