DOCKETED

Docket Number:	09-AFC-08C
Project Title:	Genesis Solar Energy Project
TN #:	200657
Document Title:	August 2013 Monthly Compliance Report
Description:	Monthly Compliance activity
Filer:	Eric Veerkamp
Organization:	Genesis Solar, LLC.
Submitter Role:	Applicant
Submission Date:	9/30/2013 12:01:03 PM
Docketed Date:	9/30/2013

Genesis Solar Energy Project
Eastern Riverside County, California

Genesis Solar, LLC

Monthly Compliance Report #34
August 2013

(COC COMPLIANCE-6)
09-AFC-8

Contents

Page

AQ-SC1: Air Quality Construction Mitigation Manager 5
AQ-SC3: Construction Fugitive Dust Control; AQCMM Monthly Reporting 5
AQ-SC4: Dust Plume Response Requirement 6
AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting 6
BIO-2: Designated Biologist 7
BIO-4: Biological Monitors 7
BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan 7
BIO-8: Impact Avoidance and Minimization Measures 7
BIO-9: Desert Tortoise Clearance Surveys and Fencing 7
BIO-11: Desert Tortoise Compliance Verification 7
BIO-17: Kit Fox Impact Avoidance, Minimization, and Compensation Measures 8
BIO-18: Burrowing Owl Impact Avoidance, Minimization, and Compensation Measures 8
BIO-19: Special-Status Plant Impact Avoidance, Minimization and Compensation 8
BIO-22: Mitigation for Impacts to State Waters 8
BIO-6, CUL-7, and PAL-4: Worker Environmental Awareness Program (WEAP) 8
CUL-8: Construction Monitoring Program 8
CUL-13: Flag and Avoid 9
SOIL&WATER-1: Drainage Erosion and Sedimentation Control Plan 9
TRANS-2: Vehicle Weight Limits 9
TRANS-3: Public ROW Encroachment 9
TRANS-4: Hazmat Transport Permits/Licenses 9
WASTE-6: Hazardous Waste Generator Identification Number 9

WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment 9

GEN-2: PRS Facility Design Submittals to CBO and CPM 10

GEN-3: CBO Payments 10

GEN-6: Special Inspector(s) - Staff Assignment 10

GEN-7: Facility Design Discrepancy Documentation 10

GEN-8: As-builts, CBO Notification of Completion and Compliance 10

CIVIL-1: CBO Submittals- Drainage and Grading, Statement of Submittal 10

CIVIL-3: CBO Inspection of 2007 CBC Compliance 11

CIVIL-4: Final Grading Plans - CBO Submittal 11

STRUC- 1: CBO Submittals - Major Structure or Facility Design Component, Statement of Submittal 11

STRUC-3: CBO Submittal - Design Changes, Revised Drawings, Specifications, Calculations 11

STRUC-4: 2007 CBC Compliance for Toxic or Hazardous Materials 11

MECH-1: CBO Submittal - Plan Piping and Plumbing System, Final Design Specifications and Calculations 11

MECH-2: CBO and Cal-OSHA Submittal - Pressure Vessel 11

ELEC-1: CBO Submittal - Electrical Equipment and Systems 11

PAL-5: PRS Monitoring and Stop Work Authority 12

TSE-1: CBO and CPM Submittal - Schedule of Design Submittals 12

TSE-4: CBO Submittal – Power Plant Switchyard, Outlet Line and Termination Design Plans 12

COMPLIANCE-5 - Compliance Matrix 12

COMPLIANCE-6 – Permits and/or filings 12

Appendix A 1

Equipment List

Appendix B 1

Biological Reports

Appendix C 1

WEAP Training

Appendix D 1

Schedule of Facility Design Submittals; Master Drawings and Master Specifications

Appendix E 1

Cultural Monitor Reports

Appendix F 1

Safety Reports and Incidents

Appendix G 1

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 August, 2013.

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

- Continued New Employee site specific Safety Training and Worker's Environmental Awareness Training.
- Steam blows commenced in Powerblock 2.
- Insulation and heat tracing commenced in Unit 1.
- Hydro testing of GSU #1 was completed
- Installation of HCE tubes continues in Unit 1.
- Unit 1 Fire Protection Installation continued.
- Unit 2 dewatering commenced.

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
8/02/13	CEC	AQ-46	Results of the Pressure Test
8/02/13	CEC	S&W-7	Leach Field Inspection Card
8/08/13	CEC	AQ-22	Cooling Tower Test Protocol
8/08/13	CEC	COM-06	July MCR
8/16/13	CEC	S&W-20	2nd Quarter Water Quality Monitoring Report
8/20/13	CEC	S&W-2	2nd Quarter Groundwater Level Monitoring Report

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 August 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 August, 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 6:31 AM to 6:44 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 August.

AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting

Requirement: The AQCMM 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 August, 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 August 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 August. 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 August, the total number of personnel who received the Construction Worker Environmental Awareness Training was 182. The number of personnel who have received the training to date is 4135. 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 August.

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.

No issues in the month of August

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 August.

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 August.

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.

On August 1, Fire trucks responded to an Aggreko generator fire on site. Details are included within the safety monthly report located in Appendix F. The cause of the fire is still under investigation by Aggreko.

There were 2 first aids and no recordable injury in the month of August.

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.

No payments were made to the CBO during the month of August.

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 August.

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 August.

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 August.

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 August.

See Appendix G

COMPLIANCE-13 – Post Certification Amendments

No Amendments submitted/approved for the month of August.

Compliance Matrix

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

#	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 (AQCMM) - 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 (AQCMM) - staff assignment	AQCMM 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
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				
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		

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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 long-term maintenance and management 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

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

#	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	Rare Plant Surveys - 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	Rare Plant Surveys - 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	Rare Plant Surveys - 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	Compensatory Mitigation: 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	Status and Distribution: 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	Compensatory Mitigation: 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: Iif selected, submit draft and final study 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	Compensatory Mitigation: 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

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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: CNDDB 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 on1/25/13 North Pond
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

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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					

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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

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

#	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	Colroado 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		Complete
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

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

#	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

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

#	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

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

#	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	CEC Approval on 3/18/13 South Pond
505	CEC	x	x	x	WASTE-6	Haz Waste Generator Idientification 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	CEC Approval on 03/23/13
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 and CEC of Vent test on 09/04/13
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	Approved by the CEC on 8/29/13
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	Submitted to the CEC on 8/2/13	Approved by the CEC on 9/10/13
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

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

#	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
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
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				
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
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	
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	09/18/13	10/02/13		
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		

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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	03/01/14	04/30/14		
377	CEC			x	NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	Operations	following first sustained output of 90%				
5	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCMM monthly reporting -	AQCMM 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	*Implement Diesel-Fueled Engine Control*	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 Idientification 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 Complietion 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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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				
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	
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.	Operations	< 60d after start of operation	12/10/13	12/31/13		
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		10/31/16		
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		11/01/15		
89	CEC		x	x	AQ-45	Gas tank and pump - Vapor vent piping	Equipt 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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
20	CEC			x	AQ-3	Emissions limits, reporting - NG boilers	Emissions shall not exceed the following hourly emission limits (see full text)	Operations	Ongoing				
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				
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 absorbtion 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 absorbtion system	Operate ullage tanks system with the carbon adsorption system. *[VOC and Benzene emissions cap, see full text]*	Operations	Ongoing				
31	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit compliance documentation in Annual Compliance Report.	Operations	Annually				
32	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit a yearly summary report of all VOC emissions.	Operations	Jan-31 Annually				
34	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion 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 *(see full text).*	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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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 restirctions - 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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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 acitivites 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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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 *additional* 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
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		
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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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				
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				
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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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	Colroado 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				
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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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				
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				
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				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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 Complietion 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 Complietion 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 Complietion 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 Complietion 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 disaproval	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					
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					

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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				
622	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any noncompliance related to paleo resources.	SWCA	< 24hrs upon discovery				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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 Resuorces 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				
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		
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

(SPX) Over 50hp Diesel Equipment List

8/5/2

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	5/5/13
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	5/5/13
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	5/5/13
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	5/5/13
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	5/5/13
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	HS9W65	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

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	plicable. 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 FOI	381629	SKYTRAK	WW9J44	NA	46904990	2008	82	3		Sunbelt	5/7/13	

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	8/2/2013	
Motor Grader	CAT 16G	SC5M77	NA	2801-16	2009	297	III	Sukut	Sukut	10/6/2011	8/2/2013	
Scraper	CAT 657	PC8Y97/HB3G78	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/UK3K99	NA	57-22	2010	440	III	Sukut	Sukut	9/28/2011	4/20/2012	Removed from site
Scraper	CAT 657	XK3J33/GP8T95	NA	57-60	2007	440	III	Sukut	Sukut	9/28/2011	4/11/2012	Removed from site
Scraper	CAT 657	DF9C83/DG6M34	NA	57-66	2006	600	III	Sukut	Sukut	9/28/2011	4/12/2012	Removed from site
Scraper	CAT 657	VT6M63/FJ6T95	NA	57-63	2006	440	III	Sukut	Sukut	9/29/2011	4/20/2012	Removed from site
Scraper	CAT 657	RX8U86/NP6Y75	NA	57-33	2007	440	III	Sukut	Sukut	9/29/2011	4/10/2012	Removed from site
Scraper	CAT 657	AF3R99/AN5G44	NA	57-28	2010	440	III	Sukut	Sukut	9/30/2011	4/13/2012	Removed from site
Scraper	CAT 657	CW5Y75/GJ9T48	NA	57-29	2010	440	III	Sukut	Sukut	10/4/2011	4/10/2012	Removed from site
Scraper	CAT 657	KG5B54/SG3N43	NA	57-64	2010	440	III	Sukut	Sukut	10/4/2011	7/26/2013	
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	HFSK47	NA	NA	2007	93	III	Sukut	Johnson	7/25/2013		
Skiploader	CAT 414E	AR9L48	NA	NA	2007	93	III	Sukut	Johnson	8/2/2013		
Backhoe	CAT 420F	SU4H75			2010	92	III	Sukut	Johnson	8/5/2013		
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	8/2/2013	
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 -SDG60S	1473A20166	NA	689	NA	NA	NA	SouthWest Drilling	SouthWest Drilling	(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	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
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	8/2/2013	
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	8/2/2013	
Scraper	CAT 657	WN3G47/TP5D95	NA	57-59	NA	440	III	Sukut	Sukut	10/25/2011	8/2/2013	
Scraper	CAT 657	VR9W59/DU7M84	NA	57-41	NA	440	III	Sukut	Sukut	10/28/2011	8/2/2013	
Scraper	CAT 657	XG9N34/NY8599	NA	57-40	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Scraper	CAT 657	NX6E67/XF4H83	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/PP9G75	NA	57-41	NA	440	III	Sukut	Ren Trac	11/9/2011	4/12/2012	
Scraper	CAT 657	GW6L96/PG6J43	NA	1265	NA	440	III	Sukut	Rent Trac	1/9/2012	8/16/2013	
Scraper	CAT 657	TP8386/4F5538	NA	1257	NA	440	III	Sukut	Rent Trac	1/9/2012	8/16/2013	
Scraper	CAT 657	GT4449/T4GN36	NA	1229	NA	440	III	Sukut	Rent Trac	1/10/2012	8/22/2013	
Scraper	CAT 657	PD6T47/TM7F56	NA	1248	NA	440	III	Sukut	Rent Trac	1/10/2012	8/1/2013	
Scraper	CAT 657	XC3E93/VX8L63	NA	1355	NA	440	III	Sukut	Rent Trac	1/11/2012	8/22/2013	
Generator	70 Kw	140035	NA	701672	NA	NA	III	Sukut	RSC	11/15/2011	1/13/2012	
Motor Grader	CAT 140	TY7U66	NA	NA	209	185	III	Sukut	Johnson	8/22/2013		
Forklift	Hyster H360 HD	BE3X94	NA	NA	2010	55	III	Sukut	Johnson	8/22/2013		
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/R43TG49	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		

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
Scraper	CAT 623	SF9V87	NA	1	2007	330	III	Sukut	Miller Blades	1/16/2012		

Genesis Solar Energy Project
NextEra Over 50hp Diesel Equipment List

8/31/2013

Equipment Type	Brand/Model	CA ARB Registra-tion Number	Expira-tion Date	Vehicle Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilizati on Date	Demob. Date	Notes
Generator	Cummins QST30-G	146014	4/30/15	37237258	2012	1490	2	Startup	Aggreko	8/6/13		Letter forthcom ing from the AQCMM
Generator	Cummins QSX15-G9	160190	9/30/15	79568944	2012	755	3	Startup	Aggreko	8/9/13		
Generator	Cummins QSX15-GP	153945	1/3/14	79423473	2010	755	3	Startup	Aggreko	8/9/13		
Generator	Cummins QSB7G6	160550	11/30/15	22049219	2012	314	4i	Startup	Aggreko	8/9/13		
Generator	Cummins 6CTAA8.3-G5	134539	11/30/15	21694532	2006	299	2	Startup	Aggreko	8/9/13		
Generator	Cummins QSB7G6	160553	11/30/15	22049215	2012	314	4i	Startup	Aggreko	8/9/13		
Generator	Cummins QSM11-G2	143864	6/30/14	35198681	2007	363	3	Startup	Aggreko	8/9/13		
Generator	Cummins QSM11-G4	153938	3/31/14	35274624	2010	470	3	Startup	Aggreko	8/9/13		
Generator	Detroit 4000	134899	11/30/13	5262002049	2200	2200	3	Startup	Aggreko	8/9/13		
Generator	Detroit 4000	134900	11/30/15	5262002984	2010	2200	3	Startup	Aggreko	8/9/13		
Generator	Iveco NEF67 TMIX	151703	6/30/16	706628	2010	199	3	Startup	Aggreko	8/9/13		

Genesis Solar Energy Project

PMI Over 50hp Diesel Equipment List

8/20/2013

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	Notes
Crawler Crane	Manitowoc 2250	UN6D38	N/A	2251135	2001	450	II	Dielco Crane	N/A	7/2/12	8/16/13	Off Rent
Rough Terrain Crane	Link-Belt RTC 8090	HG4A49	N/A	N4J91247	2009	235	III	Dielco Crane	N/A	7/2/12	6/28/13	Off Rent
Rough Terrain Crane	Link-Belt RTC 8090	SX8S46	N/A	N4J79629	2007	275	III	Dielco Crane	N/A	8/17/12		
Rough Terrain Crane	Grove RT 875E	WS9Y85	N/A	226419	2007	240	III	Dielco Crane	N/A	9/24/12		
8000# Fork Lift	SKYTRK/8042	TA7K46		849621	2012	110	IIII	PMI	United	6/25/12		
JLG Model 600 Lift	JLG/600A	MT8P58		10049251	2012	49	IIII	PMI	United	6/25/12		
Generator 70-84kva	MQ / DC70SSIU2C	151845		1160351	2010	125	III	PMI	United	7/27/12		
Generator 45-49-kva	MQ / DC45	152309		1165478	2010	69	IIII	PMI	United	7/3/12		
10000# Fork Lift	Gradall	PK4G83	NONE	GTH1006A-9236	2006	115	II	PMI	United	8/13/12	9/7/12	Returned, not used
9000# Fork Lift	Gradall	RM4R53	NONE	160027849	2007	115	II	PMI	United	8/14/12	8/27/12	Returned, not used
80 foot boom lift	JLG800AJ	MG9W35	NONE	11152570	2011	62	4	PMI	Ahern	8/20/12	11/16/12	Returned
12000# Fork lift	XRM1254	FC6P67	NONE	XRM1254050790428	2007	108	III	PMI	Ahern	8/24/12		
30K fork lift	Cat/DP150			6dpn208	2005	129	II	PMI	United	8/20/12	9/11/12	Returned, not used
Yard Goat	Ottawa	DA5H53		327393	2011	160	III	PMI	United	8/22/12	6/7/13	Off Rent
Generator	Magnum/MMG100	None	NONE	PE4045LO15137	2007	122	III	PMI	Ahern	8/29/12		
34K Fork Lift	HYSTER	VT5C39		G019E02568H	2011	155	III	PMI	United	9/11/12		
10000# Fork Lift	JLG	DY9H37	NONE	1060047242	2012	125	4	PMI	United	9/7/12		
10000# Fork Lift	SKYTRK	TN3R65		160041049	2011	125	III	PMI	United	8/7/12	9/26/12	returned
10000# Forklift	Gehl/DL11-55	PK5G37	None	DL1155HJD0741530	2012	115	4	PMI	KING EQUIP	9/7/12		
60' Articulating Boom	Genie/Z60	XY3W75	None	Z60089175	2008	49	4	PMI	KING EQUIP	9/7/12		
80' Articulating Boom	Genie/Z80-60	HT9R54	None	Z80123612	2012	74	4	PMI	KING EQUIP	9/10/12		
12000K Fork Lift	Gehl/DL12 IT4	FA3W69	NONE	DL1240HJD0850934	2012	115	4	PMI	kING EQUIP	9/27/12		
10000# Fork Lift	SKYTRK	RM6K98	NONE	160044131	2011	125	III	PMI	United	9/26/12		
65kva Generator	MMD PowerPro65	158401	5/31/2015	1478B10280	2011	97.9	III	PMI	Red-D-Arc	10/11/12		
65kva Generator	MMD PowerPro65	158402	5/31/2015	1478B10284	2011	97.9	III	PMI	Red-D-Arc	10/11/12		
45 kw gen (70)	multiquip	151846	NONE	1351373	2010	125	III	PMI	united	10/9/12		
385 CFM compressor	Atlas Capco		NONE	PE404HF285	2011	125	III	PMI	KING EQUIP	10/16/12		
375 CFM compressor	Atlas Capco	142869	NONE	PE4045H660408	2010	124	III	PMI	Ahern	10/17/12		
Carry Deck	Shuttle Lift 7755	XG3T33	N/A	321016	2009	130	III	Dielco Crane	N/A	11/13/12		
10000# Fork Lift	JLG	JB7W49	none	160049525	2012	130	IIII	PMI	United	12/10/12		
Rough Terrain Crane	Link-Belt RTC 8080	UA6D49	N/A	N4K33223	2012	260	IIII	Dielco Crane	N/A	12/17/12	6/28/13	Off Rent
100 kva Generator	Deere		N/A	PE6068L015079	2007	216	III	PMI	United	12/21/12		
10000# Forklift	Gehl/DL11-55	XB7G76	NONE	DL1155HJD0941566	2012	115	4	PMI	KING EQUIP	1/28/13		
10000# Forklift	JCB	BJCBL04	NONE	SF320/40436U1060812	2012	85	4	PMI	United	2/4/13		
Rough Terrain Crane	Grove RT 890E	PE4V47	N/A	230418	2008	275	III	Dielco Crane	N/A	2/12/13		
Rough Terrain Crane	Link-Belt RTC 8090	WD7S57	N/A	N4K33407	2013	275	IIII	Dielco Crane	N/A	3/5/13		
125' Boom Lift	Genie/S125	SW4J67	None	S12512D-164	2012	74	T4i	PMI	KING EQUIP	3/11/13	3/28/13	Off Rent
45 kw gen (70)	magnum	131912	none	63141	2008	80	III	pmi	united	3/21/13		
Truck Crane	American 8460	PT6R97	N/A	8109A02840	2008	365	III	Dielco Crane	N/A	3/26/13		carrier
Truck Crane	[redacted]				2012	425	IIII	Dielco Crane	N/A	3/26/13		upperworks
70 KVA Generator	Himoinsa/HRJW75	159075	7/31/2015	121000547	2012	99	III	PMI	Hertz	3/27/13		

Rough Terrain Crane	Link-Belt RTC 8090	TP8L34	N/A	N4K33496	2013	275	IIII	Dielco Crane	N/A	4/9/13		
80' Boom lift	Genie		N/A	Z8010-2709	2010	72	4	PMI	KING EQUIP	4/9/13		
115kva Generator	Himoinsa/HRJW115	159410	7/31/2015	121002397	2012	144	III	PMI	Hertz	4/16/13		
10,000 reach lift	Genie	DR7D89	none	gth1012-15697	2012	139	III	pmi	United	4/12/13	4/21/13	
5000 lb Reach Forklift	JLG/G5-18A	NX7L39	N/A	160046246	2011	63	IIII	PMI	Hertz	4/16/13		Off Rent
10,000 reach lift	skytrack	QSB33	none	160047114	2012	100	III	pmi	United	4/22/13		
12k Reach Lift	JLG/G12-55A	EY7M85	N/A	0160050783	2013	130	T4i	PMI	Hertz	5/8/13	5/21/13	Off Rent
10k Reach Lift	Skytrak/10054	VA4P83	N/A	160039094	2010	87	T3	PMI	Hertz	5/21/13		
125' Boom Lift	Genie/S125	UP5B85	N/A	S125082047	2008	58	T4i	PMI	Hertz	5/24/13		
12k Reach Lift	JLG/G12-55A	TC5Y94	NONE	160046406	2012	130	4	PMI	United	5/28/13	6/21/13	Off Rent
60' Articulating Boom	JLG/600AJ	ss5c78	n/a	300167416	2012	49	T4i	PMI	Hertz	6/26/13		
125' Boom Lift	Genie/S125	XT8A56	n/a	S125102847	2010	72.4	T4I	PMI	Hertz	8/9/13		

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 AUGUST 2013

Prepared for:

Genesis Solar, LLC
11995 Wiley Wells Road
Blythe, California 92226

Prepared by:

AECOM
1420 Kettner Blvd. #500
San Diego, California 92101
Phone: (619) 233-1454

August 2013

TABLE OF CONTENTS

Section **Page**

INTRODUCTION 3

PROJECT LOCATION AND DESCRIPTION 4

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS 4

SUMMARY OF ACTIVITIES.....5

WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP).....10

GENERAL DAILY NOTES AND OBSERVATIONS.....10

ATTACHMENTS

1 Figures
2 Species Observed During August Surveys and Monitoring
3 Daily Biological Monitoring Logs
4 Survey Data Forms
5 Agency Correspondence

This page intentionally left blank.

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. The Gas Line and the Access Road activities were completed during the month of August. 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 August 2013. The following biological surveys and monitoring took place in August 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.
- Biological surveys completed for Transmission Line activation.
- 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 August 2013, Project activities with exception of fence repair following a rain event 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 August. 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 August 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 were adjusted and continue to be in effect. (Genesis (09-AFC-08) GSEP PMI Night Work, VIS-2/BIO-8, CPM approval) The daytime (06:15 to 18:45) speed limit is 45 MPH. The nighttime (18:46 to 06:14) 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 is still in effect. 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 August.

- 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 August.
- 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. One bird mortality (species: Sora) occurred in August 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
    - A Monsoon rain event August 22, 2013 caused damage to the temporary tortoise exclusion fence. There were additional rains August 25, 2013. More rain is predicted. The tortoise exclusionary fencing attached to the permanent fence will be relied on to prevent desert tortoise site access. The need for repairs was brought to the attention of compliance August 22, 2013. Repairs were completed August 30, 2013. General areas of damage were surveyed for desert tortoise and neither desert tortoise nor desert tortoise sign were observed.
    - The temporary tortoise exclusion fence was inspected on a weekly basis. Areas of required repair were reported to compliance following the August 23, 2013 inspection. The decision was made to complete the permanent fence to prevent desert tortoise site access.
    - 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 August 2013.
- The permanent fence was inspected following the August 22, 2013 rain event and areas requiring repair were identified. Repairs were made and the fence integrity was completed August 30, 2013. The temporary exclusion fencing was inspected routinely prior to the August 22, 2013 rain event.
- 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, gas line, and access road surveys are summarized upon completion and submitted to the agencies as required. Limited work occurred outside the fence in the month of August requiring surveys (surveys were only conducted for limited gas line and access road completion 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 August 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 71 incidental raven sightings during 27 monitoring days. This represents a month-over-month decrease[1] 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). Raven recorded are within an 800m radius. Zero ravens were observed during the August 8 survey and zero ravens were observed during the August 22 survey. Zero 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

[1]There were approximately 78 incidental raven sightings in July 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.

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.

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 August received WEAP training. WEAP training records are maintained onsite by the site Environmental Compliance Manager.

GENERAL DAILY NOTES AND OBSERVATIONS

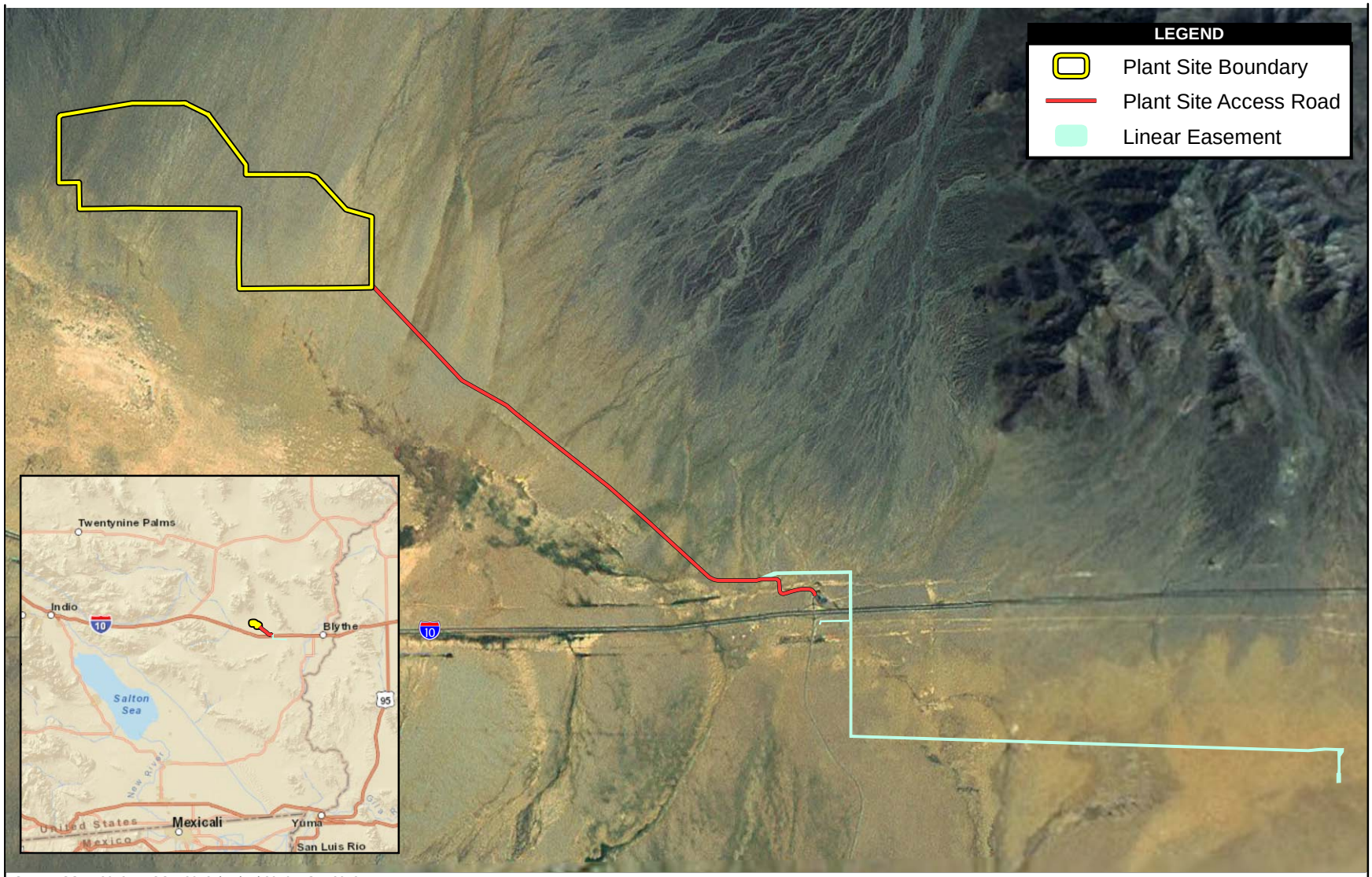
Daily notes detailing compliance monitoring activities are provided in the forms attached (Attachments 3 and 4).

REFERENCES

Not applicable during this reporting period.

ATTACHMENT 1

FIGURES



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

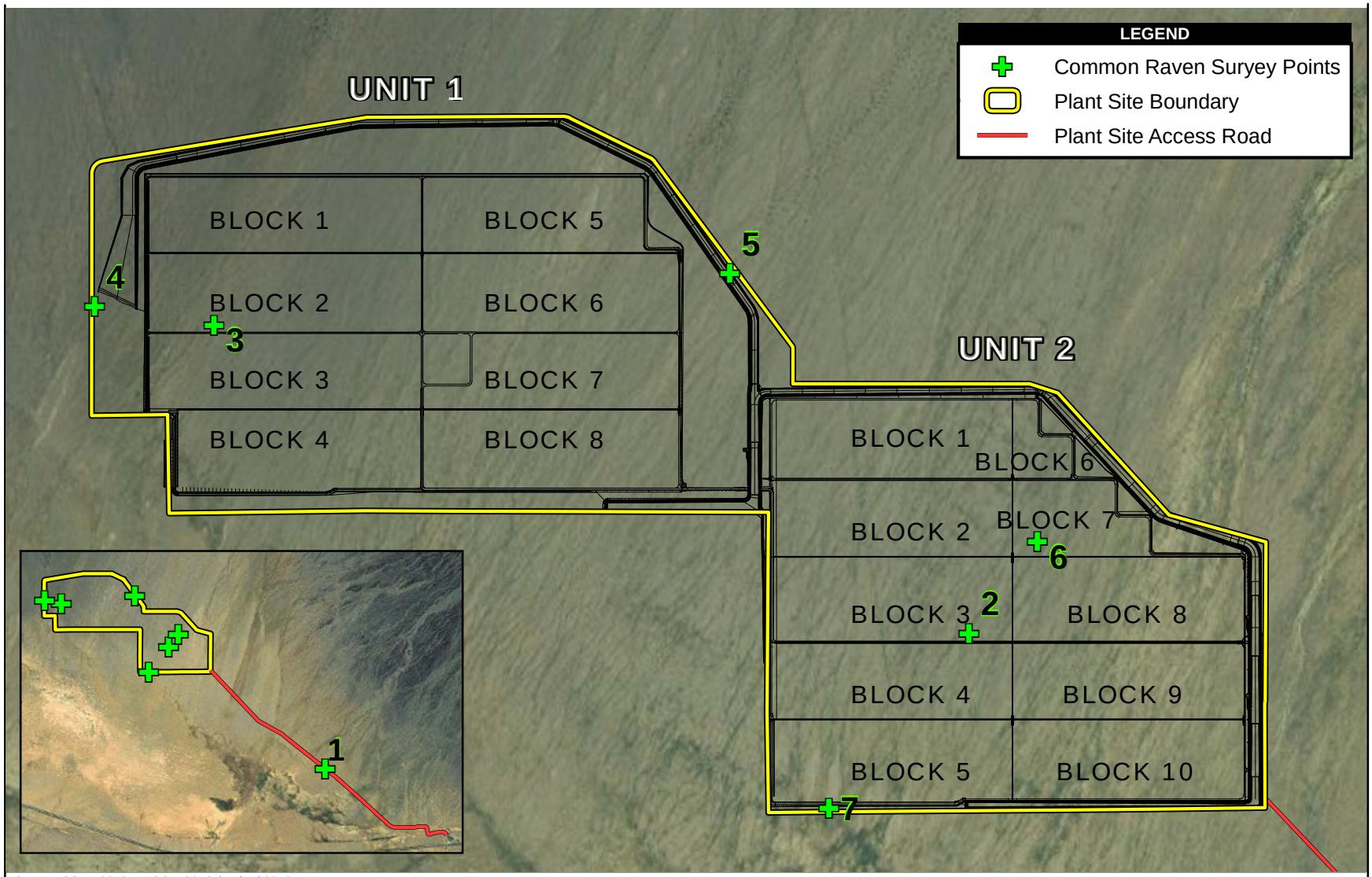
7,500 0 7,500 Feet

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

Genesis Solar Energy Project

Genesis Solar Energy Project
Vicinity Map

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



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

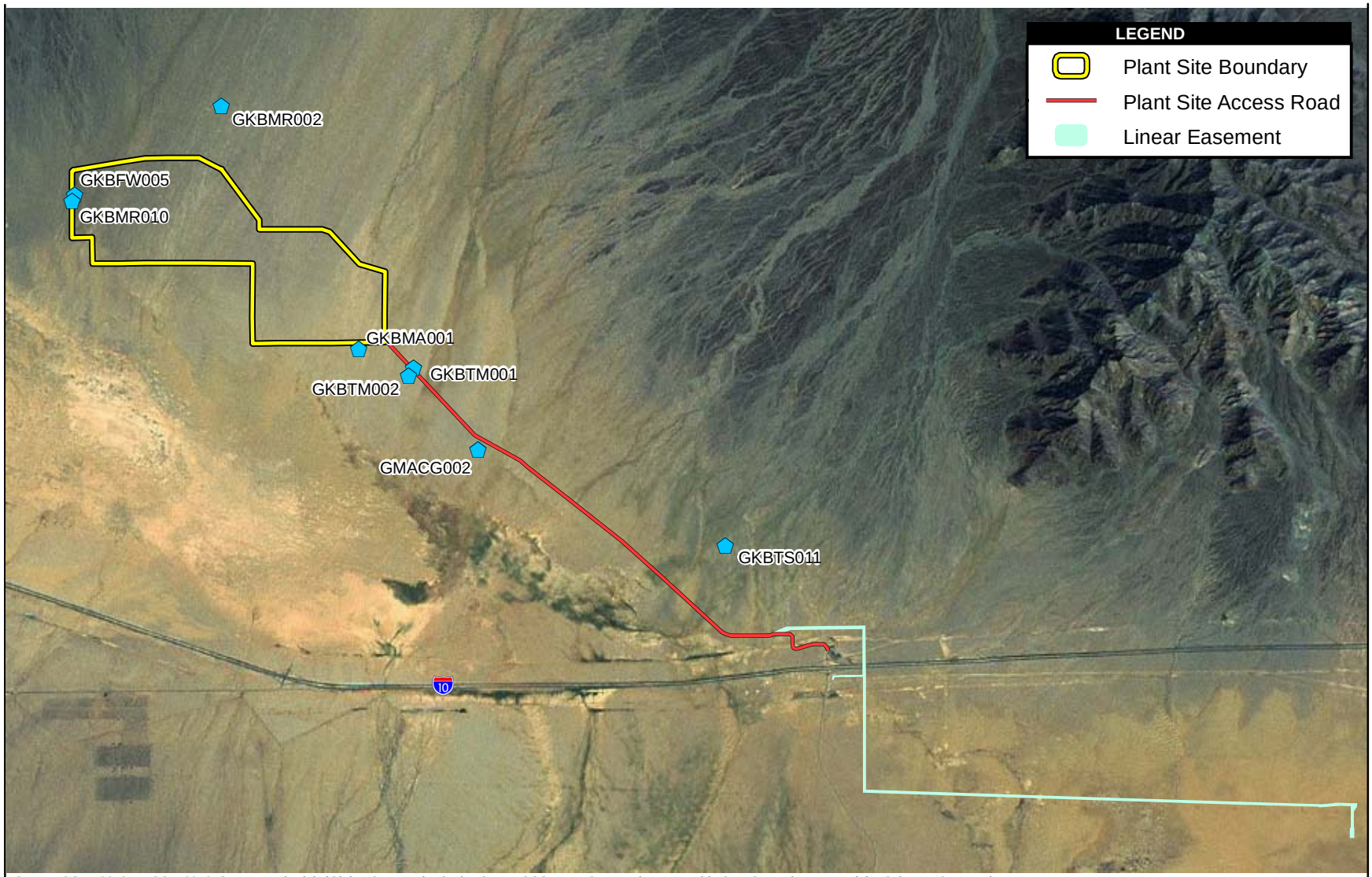
2,000 0 2,000 Feet

Scale: 1:24,000; 1 inch = 2,000 feet

Genesis Solar Energy Project

Common Raven Survey Points

Path: P:\2011\60220713\06GIS\6.3_Layout\Bio\MCR\2012\3 - March\CORA Survey Points 20120412.mxd, 4/12/2012, irelandm



Source: GSEP 2013; AECOM 2013; Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

7,500 0 7,500 Feet

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

Genesis Solar Energy Project

August 2013 DKF Den Complexes Monitored by Camera Stations and/or Periodic Biological Monitor Visits

Path: P:\2011\60220713\06GIS\6.3_Layout\Bio\MCR\2013\08 - August\DKF Camera Complexes 20130830.mxd, 8/30/2013, irelandm

ATTACHMENT 2

SPECIES OBSERVED DURING FEBRUARY SURVEYS AND MONITORING

SPECIES OBSERVED DURING AUGUST SURVEYS AND MONITORING

Animals:

Black-tailed jackrabbit
California myotis
Desert kit fox
Desert kangaroo rat
Merriam's kangaroo rat
Round-tailed ground squirrel
Wood rat

Birds:

American kestrel
Black-crowned Night Heron
Black-headed grosbeak
Black phoebe
Brown-headed cowbird
Bullock's oriole
Cattle egret
Cliff swallow
Common looon
Common raven
Eared grebe
Eurasian collared-dove
Gambel's quail
Great egret
Greater roadrunner
Hermit warbler
Herring gull
Lesser nighthawk
Loggerhead shrike
Mourning dove
Northern harrier
Northern mockingbird
Northern rough-winged swallow
Orange-crowned warbler
Red-tailed hawk
Ring-billed gull
Sage sparrow
Say's phoebe
Sora
Tree swallow
Turkey vulture
Yellow-headed blackbird
Western burrowing owl
Western kingbird
Western tanager
White-winged dove

Reptiles:

Coachwhip
Desert horned lizard
Desert iguana
Desert patch-nosed snake
Diamondback rattlesnake
Long-nosed leopard lizard
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 8/1/2013

Monitor: David Charlton
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 108 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 conduct preconstruction survey and monitored laying base for road pored curb. Visited gas line. Monitored soil removal from turn around.

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 8/1/2013

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: 5:15:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: 0800 inspect access road. Discussed plan of day with bio. 0815 inspect access road. No findings. 0845 pb2 to investigate bird mortalities. Mortalities photographed and left in place. 0930 inspect evap ponds. No new findings. Photographed location of AMKE mortality observed yesterday. 1130 meeting. 1200 inspect road construction, discuss safety with bio. 1345 office. 1400 meeting. 1600 inspect perimeter of unit 2 and located bird mortality reported by bio, white winged dove. 1630 inspect gas line. Discuss repair of water tank covering and covering of ditches.

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			Biologists completed perimeter exclusion walk. Fence is 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			3 perched on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Ground squirrel, rabbit, ravens, zebra tailed lizard.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/1/2013

Monitor: Michael Rathbun
Weather Conditions: Partly Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 87

Start Time: 5:02:00 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: Entered ROW at 0502 and started clearing for gas line below the fwy. Attended tailboard at 0545. After tailboard I headed up to walk Unit 1 but stopped at two fox burrows you can see along the way. I saw Honey and five others and I saw both Jitter and Bug with 1 pup. Finished walking perimeter fence at Unit 1 by 0900. No holes or injured animals to report. I then checked evap ponds and had several times throughout the day with no new holes or birds. I drove perimeter fence, looked for trash and reported findings to DB. I then replaced Ron with Gas crew around 1430 and left ROW by 1800.

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, desert iguana, western whiptail lizard, Coach whip, desert horned lizard, LOSH, TUVU, WWDO

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/1/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 110 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: 0500-0545 cleared gas pipeline work area prior to start of work
0545-0600 conducted tailboard meeting for gas pipeline crew
0600-1500 monitored installation of gas pipeline on south side of I-10 freeway. Instructed Dave Charlton on construction aspects of 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: Species observed;
Desert iguana
Turkey vulture
Zebra tailed lizard

Date & Time: Thu Aug 1 09:16:07 PDT 2013
Position: 11 N 687027 3726368
Altitude: 388ft
Azimuth/Bearing: 015° N15E 0267mils (True)
Elevation Angle: -45.8°
Horizon Angle: +29.1°
Zoom: 1X
bird mortality 2

Date & Time: Thu Aug 1 09:15:10 PDT 2013
Position: 11 N 687022 3726366
Altitude: 395ft
Azimuth/Bearing: 284° N76W 5049mils (True)
Elevation Angle: -68.6°
Horizon Angle: +72.4°
Zoom: 1X
bird mortality

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/2/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 30%, Pcp: None
High Temp (°F): 102 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: Conducted preconstruction survey for access road.
Monitored gas line boring until 2:00.
Monitored access road curb poured and road grade addition.

Monitored desert tortoise fence around unit one.

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: Western whiptail
Desert iguana
Quail 12

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/2/2013

Monitor: Eric German
Weather Conditions: Sunny, Clouds: 10%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 79

Start Time: 5:00:00 AM Stop Time: 1:30:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: 0500 clear south I10 gas line install. No findings. 0610 report of bird mortality pb 1 beneath acc. 0805 removed and disposed by burial 1 krat from access road. 0830 remove birds from pb2. Removed by USFWS law enforcement. 9 birds total: 6 from plant site, 3 previously collected. Additional 1 bird, great tailed grackle not located. 1230 inspect gas line. Monitor ramping of exit and entry drill 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			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			7 total:5 along access road, 2 perched on wooden transmission tower.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: 1000 while collecting bird mortalities inspected drain pipe roost of barn owls. No owls present.

Date & Time: Fri Aug 2 11:04:43 PDT 2013
Position: 11 N 684645 3727285
Altitude: 387ft
Azimuth/Bearing: 018° N18E 0320mils (True)
Elevation Angle: +82.4°
Horizon Angle: +85.2°
Zoom: 1X
bird birdortality p. 1 nimber 2

Date & Time: Fri Aug 2 10:52:19 PDT 2013
Position: 11 N 684595 3727258
Altitude: 366ft
Azimuth/Bearing: 359° N01W 6382mils (True)
Elevation Angle: -88.2°
Horizon Angle: +87.1°
Zoom: 1X
bird birdortality p. 1

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/3/2013

Monitor: David Charlton
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 86 Low Temp (°F): 85

Start Time: 7:30:00 AM Stop Time: 9:30:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Monitored holes at gas line, no trapped animals
Monitored access road for dead animals, none observed
Monitored plant for erosion problems at boundary fence
Monitored construction of road

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: 1 raven observed. Perched.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/4/2013

Monitor: David Charlton
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 93 Low Temp (°F): 83

Start Time: 7:30:00 AM Stop Time: 9:30:00 AM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Monitor holes at gas line, no trapped wildlife
Monitor access road. Dead wildlife, none observed
Drive roads in plant, no wildlife observed except for phoebe in sewage ponds
Finish at 9:30

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 wind blown trash observed especially plastic sheeting in north 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			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 8/5/2013

Monitor: David Charlton
Start Time: 5:45:00 AM Stop Time: 4:30:00 PM

Weather Conditions: Partly Sunny, Clouds: 80%, Pcp: None
Attachments:

High Temp (°F): 105 Low Temp (°F): 83
Photographs:

Sites Monitored

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

Activity Log:
Attend tailboard
Conduct preconstruction survey
Monitor crew applying road base
Crew filling planter at rest area all day
Crew refilling turn-around with soil

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:
Loggerhead shrike
Quail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/5/2013

Monitor: Eric German
Weather Conditions: Cloudy, Clouds: 75%, Pcp: None
High Temp (°F): 104 Low Temp (°F): 80

Start Time: 7:30:00 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: 0730 reports of htf spills and cleanup during weekend. Follow up with compliance. Some spill isolated in place. 0750 inspect gas line activities. Observed two shrike at rest area. No other findings. 0830 removed sidewinder and had snake released. 0900 inspect barn owl roost unit 2 block 5 nw corner. One owl present. 1230 investigated reported bird mortalities. Herring? Gull unit 2 block 4 row 37. Say's phoebe unit 2 block 2 row 24. Birds left in place. 1345 contacted USFWS law enforcement. Instructed by USFWS law enforcement to photograph and salvage. 1500 collected both mortalities and secured in freezer. 1600 office.

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			Observed personnel.
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			7 total: 5 at guard shack
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Htf drips 8/2 and 8/3. Unit 2. In block 9 block 2 north crossover. Isolated and to be cleaned. Round tail ground squirrel, TUVU, mocking bird, say's phoebe, herring gull, desert iguana.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/5/2013

Monitor: Ron Walker
Start Time: 5:00:00 AM Stop Time: 4:30:00 PM
Weather Conditions: Partly Sunny, Clouds: 75%, Pcp: None
Attachments:
High Temp (°F): 103 Low Temp (°F): 82
Photographs:

Sites Monitored

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

Activity Log: 0500-0545 cleared gas pipeline construction area
0546-0635 tailboard meeting and drill rig set up, including welding
0635-1630 Monitored gas pipeline installation, including directional drilling, and welding, covered up pits with fence panels

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 0500-0545
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 horned lizard
Mourning dove

Date & Time: Mon Aug 5 13:03:55 PDT 2013
Position: 11 N 686234 3726016
Altitude: 383ft
Azimuth/Bearing: 306° N54W 5440mils (True)
Elevation Angle: +69.2°
Horizon Angle: -87.8°
Zoom: 1X
bird mortality unit 2 block 4 row 37

Date & Time: Mon Aug 5 15:10:50 PDT 2013
Position: 11 N 686247 3726023
Altitude: 387ft
Azimuth/Bearing: 110° S70E 1956mils (True)
Elevation Angle: -86.7°
Horizon Angle: +70.6°
Zoom: 1X
bird mortality unit 2 block 4 row 37

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/6/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 80%, Pcp: None
High Temp (°F): 101 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: Check under construction equipment
Survey work area
Monitor all work including spreading base all 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			2 fly by at 1330, perch on poles for half hour, chase off
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Desert iguana
Western whiptail
Mockingbird
Raven

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/6/2013

Monitor: Eric German
Start Time: 8:30:00 AM Stop Time: 4:00:00 PM
Weather Conditions: Partly Sunny, Clouds: 20%, Pcp: None
Attachments:
High Temp (°F): 104 Low Temp (°F): 81
Photographs:

Sites Monitored

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

Activity Log: 0830 inspect access road. 2 krat mortalities on road. Reported to bio. 0845 removed bat in box from power block 2. 0850 informed of vehicle leak, pb1. Leak cleaned. Assessment at 0900 bat deceased. 1000 inspect access road, repair some staking. 1240 CDFW contacted regarding bat mortality, incorrect number dialed earlier. Contractors being reminded/told not to touch bats. 1245 office. 1400 meeting. 1430 informed of bat mortality in assembly building. 1615 observed erratic driving. Information to be given 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		Crews seen cleaning north unit 2.
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			Gas line and access road by bio monitors.
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 wooden t-line poles.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Mocking bird, LOSH, CORA, Myotis California. Multiple morning reports of dkf at tm001, along access road.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/6/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 50%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 83

Start Time: 5:15:00 AM Stop Time: 3:20:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Arrived on site by 0515. Started walking perimeter of Unit 1 by 0545. Finished by 0800 with no new holes or fatalities to report. I checked evap ponds and had a BLPH inside north pond. Met up with DB to remove a sidewinder. I then drove to Dave to give him phone and drove perimeter of Unit 2. By 1135 I started on DKF telemetry. I then met with DB to identify a bat. I checked evap ponds at 1545 and still had a BLPH in same pond. Left ROW 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			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: Desert iguana, western whiptail, zebra-tailed lizard, sidewinder, LOSH, TUVU, CLSW, BLPH.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/6/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 65%, Pcp: None
High Temp (°F): 105 Low Temp (°F): 79

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:
0500-0546 cleared construction area for gas pipeline installation
0545-0600 conducted tailboard meeting with gas pipeline crew
0610- 0847 Monitored installation of gas pipeline, including directional drilling and excavation for tie-ins.
0847-0928 picked up two krat mortalities on access road into plant site
0930-1700 Monitored directional drilling for gas pipeline, including trenching 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			Areas cleared at 0500-0546
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 at security guard office flying overhead
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes:
Species observed;
Zebra tail lizard
Turkey vulture
Loggerhead shrike

Date & Time: Tue Aug 6 12:49:56 PDT 2013
Position: 11 N 685792 3726904
Altitude: 392ft
Azimuth/Bearing: 186° S06W 3342mils (True)
Elevation Angle: -86.5°
Horizon Angle: +64.2°
Zoom: 1X
bat from location pb2 area 14

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/7/2013

Monitor: David Charlton
Weather Conditions: Sunny, Clouds: 20%, Pcp: None
High Temp (°F): 99 Low Temp (°F): 79

Start Time: 6:45:00 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:
Conduct preconstruction survey
Looked under vehicles
Road base placed at guard shavk and entrance to plant
Gtpund asphalt at rest area
Conducted bird mortality survey at plant

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 observed flying
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes:
14 gambels quail
4 turkey vultures
3 desert iguanas
Road kill reported 2 desert iguana
One k rat

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/7/2013

Monitor: David Charlton
Weather Conditions: Sunny, Clouds: 20%, Pcp: None
High Temp (°F): 99 Low Temp (°F): 79

Start Time: 6:45:00 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:
Conduct preconstruction survey
Looked under vehicles
Road base placed at guard shavk and entrance to plant
Gtpund asphalt at rest area
Conducted bird mortality survey at plant

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 observed flying
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes:
14 gambels quail
4 turkey vultures
3 desert iguanas
Road kill reported 2 desert iguana
One k rat

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/7/2013

Monitor: Eric German
Start Time: 7:30:00 AM Stop Time: 5:00:00 PM
Weather Conditions: Partly Sunny, Clouds: 35%, Pcp: None
Attachments:
High Temp (°F): 106 Low Temp (°F): 81
Photographs:

Sites Monitored

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

Activity Log: 0830 cleared area for road base by tortoise gate. No findings. Monitored road base delivery. 0915 investigated report of gull mortality unit 2 block 9 row 43. Photographed mortality and contacted USFWS law enforcement. Left message. Left in place. 1000 office. 1130 inspected report of bird mortality pb1. Photographed and contacted USFWS law enforcement. Left in place. 1205 USFWS law enforcement gave direction to collect both bird mortalities following guidance and place in freezer. Birds collected and placed in freezer. 1300 inspect gas line. No findings. 1345 inspect access road work. Discussed schedule with foreman. 1415 office. 1615 investigate report of bird within temp assembly building. Black phoebe. Opened doors bird flew out.

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			100% fence walk completed, no breaches found, fence intact.
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: Ring billed gull, cliff swallow, black phoebe, TUVU, LOSH. Reports of DKF west end of access road, deer reported mid access road.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/7/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 20%, Pcp: None
High Temp (°F): 100 Low Temp (°F): 81

Start Time: 4:20:00 AM Stop Time: 6:45:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Entered ROW by 0520 and drove straight to Evap pond survey for two hours. Finished first part by 0800 and saw a LOSH and BLPH flying in and back out of net with a TRSW flying above. Then left to walk Unit 2 perimeter and finished by 1000. No new holes or injured animals. I then went to a building that called in a bat in Unit 1. After I met with DB I headed down to look for Yentl. I did not find sign or hear anything. I arrived at evap ponds for an hour to start at 1300. A BLPH and BHCO were flying around. I then met DB in office to download camera cards, ID the bat as a Yuma Myotis and a gull DB picked up as a RBGU. I then headed to tent to release a BLPH that was locked inside. I drove Unit 1 checking for DKF and then headed to Evap Ponds to finish survey at 1725. Survey completed by 1925 and then left ROW.

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, Long-nosed Leopard Lizard, Desert Iguana, western whiptail, round-tailed ground squirrel, BLPH, BHCO, TRSW, RBGU, TUVU, MODO, LOSH, CLSW.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/7/2013

Monitor: Ron Walker
Start Time: 5:00:00 AM Stop Time: 4:04:00 PM
Weather Conditions: Partly Sunny, Clouds: 25%, Pcp: None
Attachments:
High Temp (°F): 99 Low Temp (°F): 73
Photographs:

Sites Monitored

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

Activity Log:
0500-0545 cleared areas for pipeline installation
0545-0600 conducted tailboard meeting with gas crew
0600-0910 monitored installation of gas pipeline, including trenching and HDD
0910-0940 picked up black tailed jackrabbit mortality on access road to solar plant
0940-1603 monitored trenching 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			Areas for pipeline 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: Species observed;
Desert iguana
Turkey vulture
Western whiptail lizard

Date & Time: Wed Aug 7 11:41:39 PDT 2013
Position: 11 N 684557 3727244
Altitude: 382ft
Azimuth/Bearing: 344° N16W 6116mils (True)
Elevation Angle: -81.7°
Horizon Angle: +40.5°
Zoom: 1X
bird mortality pb 1 sw corner acc

Date & Time: Wed Aug 7 09:13:24 PDT 2013
Position: 11 N 687601 3726045
Altitude: 415ft
Azimuth/Bearing: 278° N82W 4942mils (True)
Elevation Angle: -75.7°
Horizon Angle: +30.5°
Zoom: 1X
bird mortality ubit 2 block 9 row 43

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/8/2013

Monitor: Eric German
Weather Conditions: Sunny, Clouds: 15%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 81

Start Time: 7:30:00 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: 0730 inspect road pave areas. No sensitive species observed. 0830 discuss owl roost with usfws. 0900 inspect south unit 2 fence hole repairs. Repaired. 0920 investigate report of snake west fence unit 1 block 1. Snake not found. Noted dkf prints in trapezoidal ditch. No foxes seen upon inspection of drainage pipe. 0945 inspect area of night grout. 1340 inspect temp fenced laydown. Majority of pipe removed. 1350 inspect north unit 2 fence. Clean up has begun. 1400 meeting. 1430 inspect bird mortality unit 2 block 4 row 15. Eared grebe. Left in place. 1500 inspect bird mortalities pb2 acc. Yellow headed blackbird, brown-beaded cowbird, and cliff swallow. Left in place. 1530 contacted usfws law enforcement to notify of bird mortalities. 1545 access road. Noted vehicles exceeding speed limit. 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		Information to be given 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			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: Eared grebe, yellow-headed blackbird, cliff swallow, brown-headed cowbird.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/8/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 10%, Pcp: None
High Temp (°F): 107 Low Temp (°F): 73

Start Time: 5:30:00 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: Arrived on site by 0530 and started CORA survey. Finished survey by 0800 with none detected at any of the points but I did see three between points 1 and 6. After I found Stripe at GKBMR010 at 0840. I then checked evap ponds and had a pair of BLPH flying in and out of netting. After DB asked me to drive access road looking for trash and clear work areas with or without crews. I then checked the drainage pipes within Units to look for use by animals avoiding the barn owl one. I found a pipe with white wash and one being used by a small mammal with DKF tracks nearby, not recent. By 1250, I was checking roadside and berms for sensitive species use. I checked from Tower 28 to DT fence of Unit 2 and had nothing to report. I went with DB to help with a bird identification. Then drove down to gas line to get orientated by Ron at 1515. Left ROW 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			Three flying along access road in the morning.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, desert iguana, western whiptail, common side-blotched lizard, round-tailed ground squirrel, LOSH, CLSW, BHCO, CORA, TUVU, EAGR, MODO, BLPH

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/8/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 73

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:
0500-0545 cleared gas pipe construction area
0545-0600 conducted tailboard meeting for gas crew
0620-0650 monitored access road to solar plant, removed krat carcass
0700-1620 monitored installation of gas pipeline, including trenching and welding

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			Area cleared at 0500 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			Ramps in place on pipe trench
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 by channel bridge east of unit two
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes:
Species observed;
Raven
Red tail hawk
Desert iguana
Sidewinder
Loggerhead shrike

Date & Time: Thu Aug 8 15:25:08 PDT 2013
Position: 11 N 686963 3726351
Altitude: 395ft
Azimuth/Bearing: 338° N22W 6009mils (True)
Elevation Angle: -25.2°
Horizon Angle: +08.5°
Zoom: 1X
bird mortality p. 2 acc ne 2 d door third fan location

Date & Time: Thu Aug 8 15:12:20 PDT 2013
Position: 11 N 686982 3726313
Altitude: 390ft
Azimuth/Bearing: 332° N28W 5902mils (True)
Elevation Angle: -44.1°
Horizon Angle: +09.3°
Zoom: 1X
bird mortality p. 2 acc

Date & Time: Thu Aug 8 15:23:08 PDT 2013
Position: 11 N 687003 3726347
Altitude: 399ft
Azimuth/Bearing: 263° S83W 4676mils (True)
Elevation Angle: -63.5°
Horizon Angle: -57.4°
Zoom: 1X
bird mortality p. 2 acc ne 2 d door first fan

Date & Time: Thu Aug 8 14:50:39 PDT 2013
Position: 11 N 686633 3726031
Altitude: 407ft
Azimuth/Bearing: 296° N64W 5262mils (True)
Elevation Angle: -57.3°
Horizon Angle: +12.3°
Zoom: 1X
bird mortality unit 2 block 4 row 15
piggly wiggly
8/8/13 1445
Unit 2 Block 4 Row 15
686640 3726031
106°

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/9/2013

Monitor: Eric German
Weather Conditions: Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 97 Low Temp (°F): 73

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

Sites Monitored

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

Activity Log: 0530 inspect access road. No findings. 0600 morning tailboard, review WEAP and construction areas with paving crew. 0740 USFWS law enforcement collect bird mortalities from site locations and freezer. 1100 leave site.

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 perched.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Yellow headed blackbird, bullock's oriole, tree swallow

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/9/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 10%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 73

Start Time: 5:30:00 AM Stop Time: 5:35:00 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 road work area around DT fence. Then met with DB. I then took over at gas line monitoring for Ron and stayed till 0915 when Ron said road crew may start outside the fence soon. I remained with road crew the remainder of day. I left ROW after checking gas line trenches and soon after crew left at 1735.

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		Some water bottles have gotten away from crew but not witnessed. Will mention importance of trash disposal at tailboard.
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: Western whiptail, zebra-tailed lizard, desert iguana. MFTL road kill, Merriam's kangaroo rat and Desert kangaroo rat road kills. BUOR, MODO, GAQU, TUVU, CLSW, ECDO.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/9/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 75

Start Time: 5:00:00 AM Stop Time: 3:30:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log:
0500-0545 cleared areas for gas pipeline installation
0545-0600 conducted tailgate meeting with gas crew
0600-0700 monitored gas pipeline installation
0700-0950 met with resource agency and Eric German
1245-1345 collected avian mortality (loon) in unit 2 block 3 row 24
1400-1530 monitored 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	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
Desert iguana
Loon
Tree swallow

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/10/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 102 Low Temp (°F): 78

Start Time: 4:02:00 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 around 0500 and started clearing for road crew. Stayed with crew all day unless I checked trenches and potholes near gas line for animals or access road. Found road kill desert kangaroo rat, Merriam's kangaroo rat, Pocket Mouse?, desert patch nosed Snake along access road. Crew left around 1445, I made one more check in gas line trench and left 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		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: BLPH, RTHA, TUVU, CLSW, GAQU, zebra-tailed lizard, patch-nosed snake, desert iguana, whiptail lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/12/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 73

Start Time: 4:00:00 AM Stop Time: 3:40:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Arrived onsite at 0500 and started clearing road work area for crew near entrance to access road. Stayed with crew all day unless I cleared access road of road kill, cleared DT fence entrance, looked for two dead birds in power block, or checked evap ponds. No animals or holes observed in ponds. Cleared a road kill desert iguana off road, and identified a dead swallow in Unit 2. Left ROW around 1640 when Ron met with me 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			Saw individual ravens flying around site randomly through the day.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Long-nosed leopard lizard, Desert Horned Lizard, zebra-tailed lizard, desert iguana, western whiptail, AMKE, CORA, TUVU, LOSH, GAQU, MODO, BLPH, NRSW

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/12/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 72

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:
0500-0545 cleared work areas for gas pipeline installation
0700-0715 conducted tailboard meeting with gas crew
0715-1000 monitored installation of gas pipeline, including excavation of tie-ins and welding activities
1000-1040 investigated bat mortality at temporary assembly building
1040-1600 monitored gas pipeline installation
1600-1730 picked up bird in unit 2 block 5, contacted USFWS about 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	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
Rough wing swallow
Zebra-tailed lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/13/2013

Monitor: Eric German
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 75

Start Time: 7:30:00 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: 0730 discuss construction activities and status with site personnel. Status update to be determined at end of day. Remove coach whip from site. 1100 report of bat in area of Common area behind ice machine. Investigated, bat not found. 1200 inspect access road. No findings. 1400 meeting. 1500 remove bat from assembly tent and place in freezer, instructions from 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		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, appeared to obey 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			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 perched
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, coach whip, DKF.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/13/2013

Monitor: Michael Rathbun
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 80

Start Time: 5:00:00 AM Stop Time: 3:50:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Arrived at 0500 to clear road crew near rest area, appears they will be backfilling and striping today. Asked to check out a dead bird in Unit 1 and turned out to be a BHCO. After checking access road which had 3 dead Merriam's, kangaroo rats, and one desert kangaroo rat. After monitoring road crew I hiked perimeter of Unit 2. Finished by 1040 and had no new holes or fatalities. I checked camera cards for DKF except for Yentl. I also found using telemetry Flash, Honey, Jitter, and Bug. Did not find Stripe and did not look for Yentl. Finished downloading cards by 1515 and headed out for the day. Left ROW at 1550.

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 seen flying over near rest area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, western whiptail, desert iguana, long-nosed leopard lizard, MFTL, MODO, CORA, CLSW, TUVU

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/13/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 72

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:
0500-0545 cleared work areas for gas pipeline, cleared trenches
0545-0600 conducted tailboard meeting with gas crew
0600-1200 monitored gas pipeline installation
1200-1245 cleared straw wattle rolls prior to removal
1300-1630 monitored gas pipeline installation, including excavation of tie-ins and welding

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 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;
Nighthawk
Desert iguana
Turkey vulture
Mourning dove
Zebra-tailed lizard
Sage sparrow
Loggerhead shrike

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/14/2013

Monitor: Eric German
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 79

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: 0800 inspect barn owl roost, drainage pipe unit 2 block 5. 0830 investigate report of bird mortality unit 1 block 8 torque tube laydown, common loon. 0845 contact USFWS law enforcement. Bird salvaged and placed in freezer. 0955 clear fiber equipment at laydown corner. No findings. 1015 monitor gas line. Activities appear to be in compliance. Noted white wing dove beneath vehicle. Being left alone. 1130 photographed tracks off paved access road. Appear to be within ROW. No biological resources impacted. Reported to compliance. 1250 contacted USFWS regarding dove beneath vehicle at gas line, possibly bring dove to rehab. Dove flushed at end of day. 1320 monitored brush removal by rest area. No sensitive species observed. Noted public parking in newly paved turnaround. 1630 investigated report of bird mortalities. Located and contacted USFWS law enforcement. Black headed grosbeak, and American kestrel.

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		Blower is to be delivered to assist with schott tube litter.
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 for week.
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 Loon, white winged dove.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/14/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 73

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:
0500-0545 cleared work area prior to start of pipeline work
0545-0600 conducted tailboard meeting with gas crew
0600-0820 monitored gas pipeline installation
0820-1120 walked unit 1 DT fence, no breeches
1120-1700 monitored gas pipeline installation, had white wing dove fly under truck, 2 hours later dove flew away unharmed.

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 at 0500 prior to start of gas line 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: Species observed;
Horned lizard
Northern harrier
Desert iguana
White wing dove

Date & Time: Wed Aug 14 08:38:14 PDT 2013
Position: 11 N 685403 3726992
Altitude: 394ft
Azimuth/Bearing: 007° N07E 0124mils (True)
Elevation Angle: -66.5°
Horizon Angle: +31.7°
Zoom: 1X
bird mortality: unit 1 block 8 location

Date & Time: Wed Aug 14 16:35:07 PDT 2013
Position: 11 N 685705 3727503
Altitude: 409ft
Azimuth/Bearing: 110° S70E 1956mils (True)
Elevation Angle: -87.6°
Horizon Angle: +72.1°
Zoom: 1X
bird mortality old laydown near rip rap

Date & Time: Wed Aug 14 16:45:31 PDT 2013
Position: 11 N 685393 3728099
Altitude: 405ft
Azimuth/Bearing: 132° S48E 2347mils (True)
Elevation Angle: -41.5°
Horizon Angle: +06.8°
Zoom: 1X
bird mortally north unit 1 north block5 alo g fence

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/15/2013

Monitor: Eric German
Weather Conditions: Cloudy, Clouds: 60%, Pcp: None
High Temp (°F): 110 Low Temp (°F): 88

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

Sites Monitored

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

Activity Log: 0700 collect bird mortalities with USFWS law enforcement. Mourning dove, black headed grosbeak, brown headed cowbird. 0900 collect bat carcass pb1. Placed in freezer. Collect rat pb 1., Wood rat. Placed in freezer. 0940 left message with CDFW regarding limping dkf pup. Appears normal when standing. 1030 replace batteries GMACG002. 1130 meeting. 1230 inspect gas line and discuss activities with bio. 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		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			3 perched
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Wood rat, mourning dove

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/15/2013

Monitor: Rocky Brown
Weather Conditions: Sunny, Clouds: 10%, Pcp: None
High Temp (°F): 111 Low Temp (°F): 98

Start Time: 10:00:00 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:
10 AM - Arrive on site, tour of gas line activities by Ron.
11:00 - Monitor backfilling of gas line excavation on south side of freeway.
12:30 - Check access road on north side of freeway. Monitor excavation of gas line on north side of freeway. Periodically checking access road, yard near Arizona crossing, and work near rest area.
3:30 - Monitor digging of gas line.
4:30 - Work concludes. Depart site.

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			Ramps at each excavation
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 8/15/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 75%, Pcp: None
High Temp (°F): 105 Low Temp (°F): 90

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

Sites Monitored

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

Activity Log:
0500-0545 cleared work area for pipeline work
0550-0600 conducted tailboard meeting for gas crew
0600-0845 monitored gas pipeline installation
0845-0930 monitored brush pile removal by rest area
0930-1030 met up with Rocky for orientation on pipeline project
1045-1250 searched for kit fox Yentl and Stripe, no active ping on telemetry for either fox
1250-1350 walked evap ponds, gaps by feeder pipes should be closed up
1350-1430 monitored 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			One raven flying over gas pipeline work area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
Raven
Nighthawk
Roadrunner
Desert iguana

Date & Time: Thu Aug 15 09:10:56 PDT 2013
Position: 11 N 684603 3727273
Altitude: 3499
Azimuth/Bearing: 204° S24W 3627mils (True)
Elevation Angle: -88.5°
Horizon Angle: +78.0°
Zoom: 1X
bat mortality pb 1 acc ne, or er

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/16/2013

Monitor: Eric German
Weather Conditions: Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 111 Low Temp (°F): 89

Start Time: 8:00:00 AM Stop Time: 3:30:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: 0800 meet with bio. Discuss safety daily reporting, and monitoring activities. Inspect access road throughout day. Remove and dispose of by burial 4 krats, 1 sidewinder, 1 zebra-tailed lizard. 0910 investigate bird mortality unit 1 block 5 row 13, ups structure. 1220 inspect evaporation ponds. 1235 inspect unit 1 perimeter and laydowns north unit 1. No findings. 1320 inspect unit 2 perimeter. Noted mirrors in operational position. Inspected area of owl roost at drain pipe unit 2 block 5. Did not look in pipe. 109 degrees. No activity seen or heard. No other findings. 1430 inspect evaporation ponds. 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		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 perched.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: 2 DKF reported on site previous night. Foxes seen exiting by egressing below temporary gate at service entrance.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/16/2013

Monitor: Rocky Brown
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 113 Low Temp (°F): 85

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

Sites Monitored

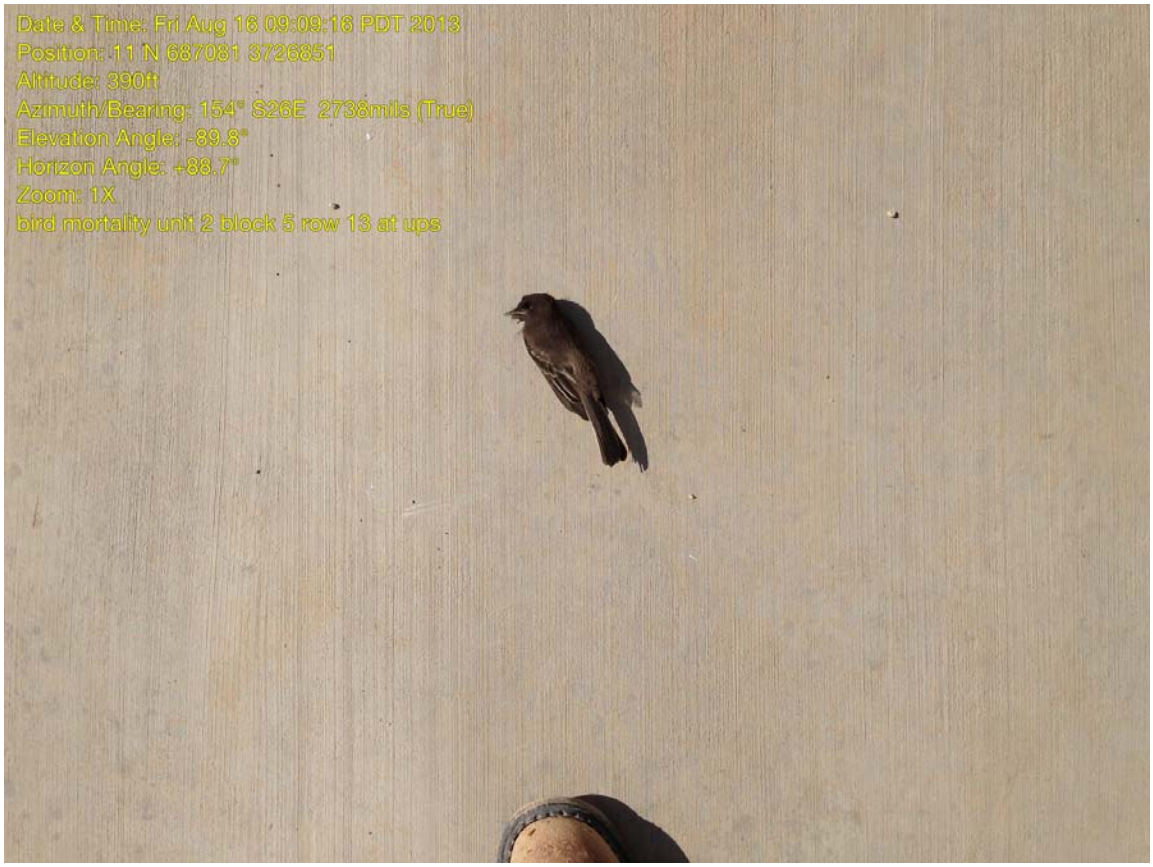
Circle One: **Plant Site** **Access Road** **Gas Line** **Transmission Line** **Other (explain)**

Activity Log:
5:00 - Arrive on site. Cleared access road and open excavations in gas line work areas north and south of the freeway.
6:00 - Tailgate meeting.
7:00 - Monitored backfilling of excavation just south of freeway.
Throughout the day, periodically checked access roads and laydown yard near Arizona crossing.
11:00 - Monitored pressure testing of gas line.
4:00 - Work complete. Depart site.

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			Excavations ramped at ends.
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


Date & Time: Fri Aug 16 09:09:16 PDT 2013
Position: 11 N 687081 3726851
Altitude: 390ft
Azimuth/Bearing: 154° S26E 2738mils (True)
Elevation Angle: -89.8°
Horizon Angle: +88.7°
Zoom: 1X
bird mortality unit 2 block 5 row 13 at ups

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/19/2013

Monitor: Eric German
Weather Conditions: Cloudy, Clouds: 70%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 90

Start Time: 8:00:00 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: 0800 inspect access road throughout day. Removed 1 krat. 0830 investigate scorpion report. Scorpion inaccessible. Bio located bird mortality in proximate area beneath vessel. 0900 inspect bird mortality reports from weekend. Mourning dove, tree swallow, nighthawk, sora. Noted owl pellets Unit 2 West Terrace B row 54. 0955 discuss bird mortalities with USFWS law enforcement. 1400 meeting. 1500 inspect pb 1 for bird mortality. Located cliff swallow. 1600 discussed salvage with USFWS law enforcement. Salvaged birds. 1730 inspect bird mortality. Will report in morning. 1745 noted dripping water tower 2. Two ravens drinking. Notified compliance. Compliance investigated.

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			2 drinking.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Mourning dove, tree swallow, nighthawk, sora, CORA, cliff swallow.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/19/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 90%, Pcp: None
High Temp (°F): 102 Low Temp (°F): 84

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

Sites Monitored

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

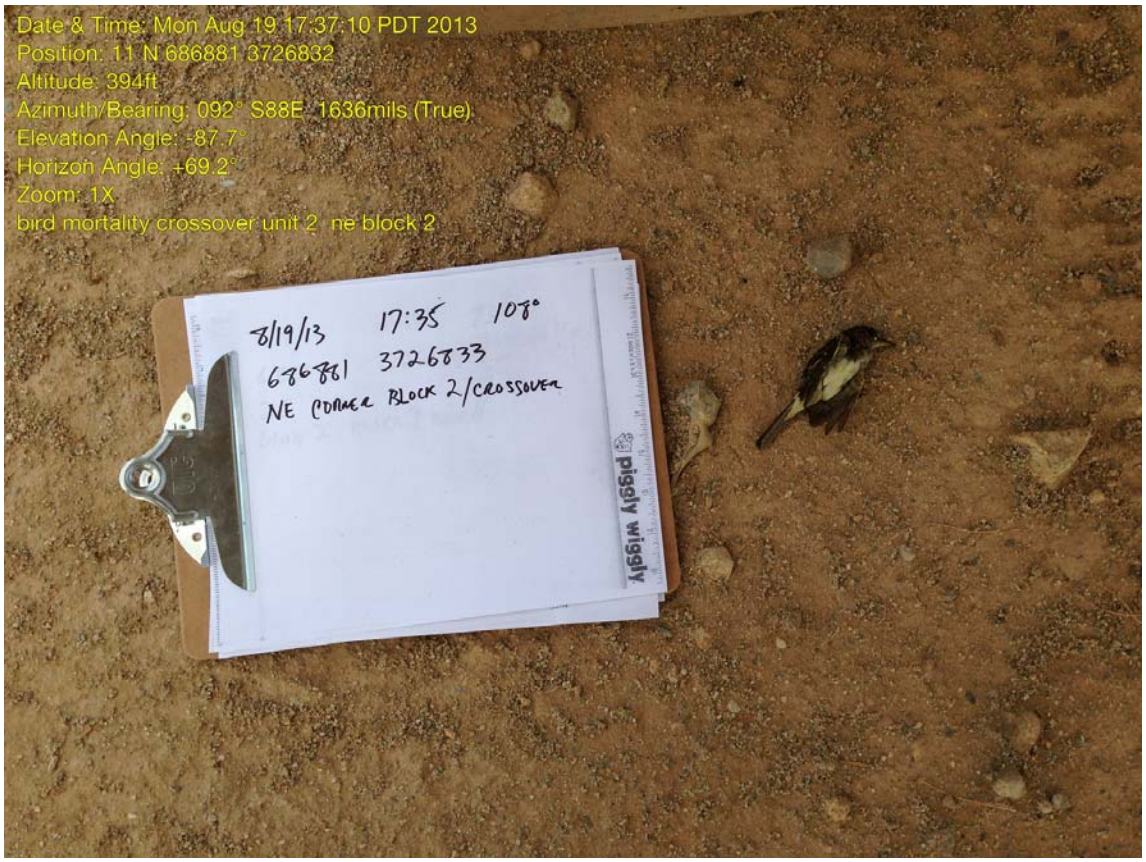
Activity Log:
0500-0545 cleared work areas prior to start of work
0710-0720 conducted tailboard meeting with gas crew
0730-0830 went to look for reported scorpion in power block 2, did not find
0830-0900 removed 4 Krat mortalities from access road
0900-1700 monitored gas pipeline installation, including backfilling trenches and welding

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,
Cliff swallow
Black phoebe
Turkey vulture
Collected cliff swallow at 1100 in unit 2 power block NE corner on concrete apron, up against curb

Date & Time: Mon Aug 19 16:08:08 PDT 2013
Position: 11 N 684570 3727294
Altitude: 394ft
Azimuth/Bearing: 304° N56W 5404mils (True)
Elevation Angle: -65.0°
Horizon Angle: +13.1°
Zoom: 1X
bird mkrtality p. 1


Date & Time: Mon Aug 19 17:37:10 PDT 2013
Position: 11 N 686881 3726832
Altitude: 394ft
Azimuth/Bearing: 092° S88E 1636mils (True)
Elevation Angle: -87.7°
Horizon Angle: +69.2°
Zoom: 1X
bird mortality crossover unit 2 ne block 2
8/19/13 17:35 108°
686881 3726833
NE corner Block 2/crossover
piggy wiggly

Date & Time: Mon Aug 19 17:33:05 PDT 2013
Position: 11 N 686881 3726833
Altitude: 381ft
Azimuth/Bearing: 176° S04E 3129mils (True)
Elevation Angle: -88.6°
Horizon Angle: +82.4°
Zoom: 1X
bird mortality crossover unit 2, ne block 2

Date & Time: Mon Aug 19 11:14:36 PDT 2013
Position: 11 N 686039 3726163
Altitude: 380ft
Azimuth/Bearing: 115° S65E 2044mils (True)
Elevation Angle: -85.2°
Horizon Angle: +04.1°
Zoom: 1X
bat mortality 2W D49

Date & Time: Mon Aug 19 10:27:18 PDT 2013
Position: 11 N 687432 3725594
Altitude: 391ft
Azimuth/Bearing: 356° N04W 6329mils (True)
Elevation Angle: -90.0°
Horizon Angle: +89.4°
Zoom: 1X
bird mortality 2E A33.

Date & Time: Mon Aug 19 10:49:20 PDT 2013
Position: 11 N 687047 3726170
Altitude: 395ft
Azimuth/Bearing: 129° S51E 2293mils (True)
Elevation Angle: -67.1°
Horizon Angle: +82.5°
Zoom: 1X
bird mortality 2E D11

Date & Time: Mon Aug 19 11:47:37 PDT 2013
Position: 11 N 687381 3726482
Altitude: 393ft
Azimuth/Bearing: 156° S24E 2773mils (True)
Elevation Angle: -87.4°
Horizon Angle: +67.9°
Zoom: 1X
bird mortality 2E F 31

Date & Time: Mon Aug 19 11:06:16 PDT 2013
Position: 11 N 686026 3726151
Altitude: 381ft
Azimuth/Bearing: 034° N34E 0604mils (True)
Elevation Angle: -52.2°
Horizon Angle: +34.5°
Zoom: 1X
bird mortality 2 W D49

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/20/2013

Monitor: Eric German
Start Time: 8:00:00 AM Stop Time: 7:00:00 PM
Weather Conditions: Partly Sunny, Clouds: 10%, Pcp: None
Attachments:
High Temp (°F): 108 Low Temp (°F): 91
Photographs:

Sites Monitored

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

Activity Log: 0800 inspect access road. Noted a lizard mortality. Bio removed. 0820 investigated reports of snake beneath connex welding area pb2. Snake not located. 0840 investigated reports of bird mortalities and completed prior day investigations: MODO, tree Swallow, unknown flycatcher, tree swallow, blue-winged teal, possible cora, brown headed cowbird. 1300 brought brown-headed cowbird to rehab. 1530 office.

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			Bio walked unit 2. 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		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Reports of DKF at east end of access road.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/20/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 5%, Pcp: None
High Temp (°F): 109 Low Temp (°F): 84

Start Time: 5:00:00 AM Stop Time: 8:00:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log:
0500-0545 cleared work areas for gas pipeline
0550-0600 conducted tailboard meeting with gas crew
0610-0700 cleared access road, one whiptail lizard dead on road
0710-0920 walked unit 2 fence line
0930-2000monitored installation of gas pipeline, including welding and backfilling of pipe trench

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,
American kestrel
Bronze headed cowbird
Turkey vulture
Sage sparrow
Western whiptail lizard
Zebra tailed lizard
Mourning dove

Date & Time: Tue Aug 20 10:41:19 PDT 2013
Position: 11 N 685510 3727454
Altitude: 395ft
Azimuth: +117° +2080mils
Elevation Angle: +24.7°
Horizon Angle: +65.3°
Zoom: 1X
bird mortality unit 1 block6 row61

Date & Time: Tue Aug 20 11:29:09 PDT 2013
Position: 11 N 685760 3727371
Altitude: 387ft
Azimuth: -108° -1920mils
Elevation Angle: +09.5°
Horizon Angle: +79.2°
Zoom: 1X
bird mortality south evap pond

Date & Time: Tue Aug 20 10:27:05 PDT 2013
Position: 11 N 685518 3727671
Altitude: 396ft
Azimuth/Bearing: 183° S03W 3253mils (True)
Elevation Angle: -52.5°
Horizon Angle: +12.5°
Zoom: 1X
bird mortality unit 1 block6 row61

Date & Time: Tue Aug 20 08:43:20 PDT 2013
Position: 11 N 686933 3726330
Altitude: 381ft
Azimuth/Bearing: 017° N17E 0302mils (True)
Elevation Angle: -46.7°
Horizon Angle: +10.2°
Zoom: 1X
bird mortality pb2 acc

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/21/2013

Monitor: Eric German
Start Time: 7:45:00 AM Stop Time: 6:15:00 PM

Weather Conditions: Partly Sunny, Clouds: 10%, Pcp: Trace
Attachments:

High Temp (°F): 109 Low Temp (°F): 91
Photographs:

Sites Monitored

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

Activity Log: 0830 inspect birds unit 1 block. Called USFWS, left message. Seven birds in proximate location. Left in place. 0915 investigated report of injured bird. Gull; taken to rehab. 1145 salvage birds pb2. 4 cowbirds. 1730 report of live burrowing owl digging east terrace A row 19/20. Investigated: no burrow or owl found. Located unidentifiable aged bird mortality carcass.

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 trash in power blocks 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			100% intact fence walk completed.
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: Ring-billed gull.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/21/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 70%, Pcp: None
High Temp (°F): 104 Low Temp (°F): 83

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:
0500-0545 cleared work areas for gas pipeline
0600-0610 conducted tailboard meeting with gas crew
0700-1035 walked unit 1
1035-1600 monitored 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	N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes:
Species observed,
Roadrunner
Red tail hawk
Sidewinder
Kangaroo rat
Round tailed ground squirrel
Turkey vulture

Date & Time: Wed Aug 21 17:50:30 PDT 2013
Position: 11 N 687190 3725695
Altitude: 383ft
Azimuth/Bearing: 040° N40E 0711mils (True)
Elevation Angle: -84.3°
Horizon Angle: +40.5°
Zoom: 1X
bird mortality unit east terrace A row 19

Date & Time: Wed Aug 21 17:53:49 PDT 2013
Position: 11 N 687189 3725741
Altitude: 396ft
Azimuth/Bearing: 096° S84E 1707mils (True)
Elevation Angle: -89.7°
Horizon Angle: +87.0°
Zoom: 1X
bird mortality unit east terrace A row 19 same bird body part

Date & Time: Wed Aug 21 16:38:10 PDT 2013
Position: 11 N 685527 3726978
Altitude: 390ft
Azimuth/Bearing: 348° N12W 6187mils (True)
Elevation Angle: -89.3°
Horizon Angle: +87.2°
Zoom: 1X
bird mortality

Date & Time: Wed Aug 21 18:39:41 PDT 2013
Position: 11 N 685522 3726982
Altitude: 388ft
Azimuth/Bearing: 203° S23W 3659mils (True)
Elevation Angle: -60.1°
Horizon Angle: +49.2°
Zoom: 1X
bird mortality

Date & Time: Wed Aug 21 16:32:09 PDT 2013
Position: 11 N 685536 3726988
Altitude: 392ft
Azimuth/Bearing: 353° N07W 6276mils (True)
Elevation Angle: -80.4°
Horizon Angle: -56.7°
Zoom: 1X
bird mortality

Date & Time: Wed Aug 21 16:33:02 PDT 2013
Position: 11 N 685523 3727008
Altitude: 395ft
Azimuth/Bearing: 298° N62W 5298mils (True)
Elevation Angle: -73.5°
Horizon Angle: +35.5°
Zoom: 1X
bird mortality

Date & Time: Wed Aug 21 16:35:11 PDT 2013
Position: 11 N 685521 3726982
Altitude: 384ft
Azimuth/Bearing: 268° S88W 4764mils (True)
Elevation Angle: -53.6°
Horizon Angle: +56.9°
Zoom: 1X
bird mortality

Date & Time: Wed Aug 21 16:28:17 PDT 2013
Position: 11 N 685603 3727030
Altitude: 387ft
Azimuth/Bearing: 312° N48W 5547mils (True)
Elevation Angle: -63.5°
Horizon Angle: +19.5°
Zoom: 1X
bird mortality

Date & Time: Wed Aug 21 16:28:56 PDT 2013
Position: 11 N 685594 3727028
Altitude: 391ft
Azimuth/Bearing: 188° S08W 3342mils (True)
Elevation Angle: -74.0°
Horizon Angle: +28.3°
Zoom: 1X
bird mortality

Date & Time: Wed Aug 21 12:06:05 PDT 2013
Position: 11 N 687003 3726349
Altitude: 393ft
Azimuth/Bearing: 250° S70W 4444mils (True)
Elevation Angle: -89.1°
Horizon Angle: -80.5°
Zoom: 1X
bird mortlity p 2 areA 22 north of acc

Date & Time: Wed Aug 21 09:28:24 PDT 2013
Position: 11 N 684818 3727709
Altitude: 405ft
Azimuth/Bearing: 029° N29E 0516mils (True)
Elevation Angle: -31.8°
Horizon Angle: -09.4°
Zoom: 1X
injured nird

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/22/2013

Monitor: -
Weather Conditions: Cloudy, Clouds: 70%, Pcp: None
High Temp (°F): 108 Low Temp (°F): 85

Start Time: 5:45:00 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:
Attend safety meeting
Monitor gas company removing valve
10:00 monitor backfill stop at noon
2:00 spot check gas company north of i 10.
Spot check crew instslling valves

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
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes:
Western whiptail
Zebra tail 2

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/22/2013

Monitor: Eric German
Start Time: 6:30:00 AM Stop Time: 6:15:00 PM
Weather Conditions: Partly Sunny, Clouds: 35%, Pcp: None
Attachments:
High Temp (°F): 106 Low Temp (°F): 86
Photographs:

Sites Monitored

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

Activity Log: 0630 discuss restoration of gas line with potential contractor. 0700 escort USFWS Law Enforcement to bird mortalities and for collection of mortalities in freezer. 0930 barn owl observed NW corner unit 2 block 5 drainage pipe. 1100 inspect gas line backfill and restoration. 1200 report of bat in fab tent. 1215 report of owl pb1 area 17. Report of two bird mortalities pb1. 1230 investigated bat at fab tent. Bat in tent tube. To be left alone. 1750 inspect unit 2 block 10 row 20 for owl. Owl pellet 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 with 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			2 perched
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Great Egret, barn owl, bunting, bullocks oriole, flycatcher species. Reports of kit fox east end of access road.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/22/2013

Monitor: Ron Walker
Start Time: 5:00:00 AM Stop Time: 5:15:00 AM

Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: Rain night of 8/22
Attachments:

High Temp (°F): 107 Low Temp (°F): 82
Photographs:

Sites Monitored

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

Activity Log:
0500-0545 cleared areas for pipeline work
0600-0610 conducted tailboard meeting for gas crew
0630-0930 conducted raven surveys
0930-1600 conducted kit fox surveys
1630-1715 searched for avian mortality in unit 1 power block area

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 observed flying above unit 1 power block
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
Kangaroo rat
Black headed grosbeak
Sidewinder
Zebra tail lizard

Date & Time: Thu Aug 22 08:21:10 PDT 2013
Position: 11 N 683958 3727406
Altitude: 390ft
Azimuth/Bearing: 325° N35W 5778mils (True)
Elevation Angle: -41.1°
Horizon Angle: +11.5°
Zoom: 1X
bird mortality unit 1 row1- row 31 between bio cts 2 and
13
13

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/23/2013

Monitor: Dave Charlton
Weather Conditions: Cloudy, Clouds: 30%, Pcp: Heavy
High Temp (°F): 94 Low Temp (°F): 81

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

Sites Monitored

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

Activity Log:
Attend safety briefing at 6:00
6:30 monitor crew taping valves
Spot check north side
8:00 backhoe finish grading pipeline ROW
Spot check north side which is installing pressure reduction valves
Backfill not complete

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:
Whiptail
2 Zebra tail
Round tailed ground squirrel

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/23/2013

Monitor: Eric German
Start Time: 7:45:00 AM Stop Time: 4:00:00 PM
Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
Attachments:
High Temp (°F): 102 Low Temp (°F): 82
Photographs:

Sites Monitored

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

Activity Log: 0800 inspect barn owl roost location unit 2 NW corner block 5. Water in area. Drainage pipes had large amount of water. Rain water in area. No owl observed. 0830 inspect unit 1 permanent fence damage and repairs. 1130 temp fence walk unit 1 damage noted on north and east sides. 1415 informed compliance and management of damage and conditions of compliance. 1445 inspect report of bird mortality unit 2 block 5 row 49. Eared grebe. Contacted USFWS law enforcement.

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 and speaking with contractors.
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		Permanent fence 98% functional. Some repairs following rain event. Temporary fence damaged and reported. Conditions of compliance explained.
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
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Eared Grebe, TUVU.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/23/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 35%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 82

Start Time: 5:00:00 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:
0500-0545 cleared gas pipeline work areas
0600-0610 conducted tailboard meeting with gas crew
0615-0700 cleared access road to solar plant
0730-0930 conducted kit fox surveys
0940-1330 walked portions of unit 1 and 2 after rain event; marked areas of fence that need repair
1340-1500 filled out fox and avian forms
1540-1616 collected dead ring bill gull in unit 2 drainage channel

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		Northwest corner of unit 2, DT fence needs repair, reported this to DB
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;
Ring-billed gull
Loggerhead shrike
Turkey vulture
California quail
Mourning dove

Date & Time: Fri Aug 23 14:53:54 PDT 2013
Position: 11 N 686054 3725573
Altitude: 396ft
Azimuth/Bearing: 331° N29W 5884mils (True)
Elevation Angle: -83.7°
Horizon Angle: +73.6°
Zoom: 1X
bird mortity unit 2 blkck 5 row 49

Date & Time: Fri Aug 23 12:28:30 PDT 2013
Position: 11 N 683808 3726194
Altitude: 395ft
Azimuth/Bearing: 194° S14W 3449mils (True)
Elevation Angle: -40.7°
Horizon Angle: -17.9°
Zoom: 1X
damaged fence

Date & Time: Fri Aug 23 12:26:35 PDT 2013
Position: 11 N 683931 3728218
Altitude: 397ft
Azimuth/Bearing: 202° S22W 3591mils (True)
Elevation Angle: +06.9°
Horizon Angle: +18.8°
Zoom: 1X
downed fence

Date & Time: Fri Aug 23 12:28:24 PDT 2013
Position: 11 N 683848 3728209
Altitude: 398ft
Azimuth/Bearing: 202° S22W 3591mils (True)
Elevation Angle: +54.9°
Horizon Angle: +20.9°
Zoom: 1X
damaged fence

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/24/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
High Temp (°F): 85 Low Temp (°F): 80

Start Time: 6:14:00 AM Stop Time: 11:14:00 AM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Walk outer perimeter fence

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: 6 Western whiptail
3 Desert iguana
3 Zebra tail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/25/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
High Temp (°F): 84 Low Temp (°F): 78

Start Time: 6:15:00 AM Stop Time: 11:01:00 AM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: Walk inside permanent fence

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	Unknown hawk; shrike; ash throated flycatcher
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 8/26/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 95%, Pcp: Light
High Temp (°F): 85 Low Temp (°F): 71

Start Time: 5:30:00 PM Stop Time: 3:30:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log:
6:00 Daily safety briefing
7:30 Monitor gas crew welding and backfilling holes
Move between both sides of freeway
Both holes back filled

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:
Desert iguana
Mourning dove

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/26/2013

Monitor: Eric German
Weather Conditions: Cloudy, Clouds: 95%, Pcp: None
High Temp (°F): 91 Low Temp (°F): 77

Start Time: 7:45:00 AM Stop Time: 3:45:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: 0745 meet with bios, discuss plan of day, gas line, foxes, sign install, fence. 0845 discuss weekend fence walk with management. 0945 investigate report of bird mortality SW corner block 1 unit 1. Contacted USFWS Law Enforcement; salvaged and placed in freezer. 1045 inspect unit 1 west fence. Noted some damage. Already reported. 1200 inspect access road. No findings. 1300 inspect evaporation ponds. Flagged areas at bottom of fence and two holes. Reported to compliance. 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		Site is much cleaner.
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		Compliance contacted CEC and repairs and completion to permanent fence plans are being finalized.
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.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Hermit warbler

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/26/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 75%, Pcp: Light
High Temp (°F): 91 Low Temp (°F): 78

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:
0500-0545 cleared gas pipeline work area
0600-0700 cleared access road, light rain falling
0720-0730 conducted tailboard meeting for gas crew
0735-1450 conducted kit fox surveys for Flash, Stripe, Bug and Jitter
1500-1530 monitored gas line 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			Two ravens observed flying over power block 2
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes:
Species observed;
Zebra tailed lizard
Desert iguana
American kestrel
Western whiptail lizard
Turkey vulture

Date & Time: Mon Aug 26 10:04:23 PDT 2013
Position: 11 N 683413 3727735
Altitude: 377ft
Azimuth/Bearing: 288° N72W 5120mils (True)
Elevation Angle: -88.2°
Horizon Angle: +76.4°
Zoom: 1X
bird mortality unit block sw corner

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/27/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 30%, Pcp: Light
High Temp (°F): 103 Low Temp (°F): 81

Start Time: 5:30:00 PM Stop Time: 2:59:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log:
6:00 attend safety meetings
Monitor restoration
1:30 work crew finish
Conduct survey transects for tortoise, burrowing owl, and kit fox until 2:30

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:
Desert iguana
Whiptail lizard
Round-tail ground squirrel

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/27/2013

Monitor: Eric German
Start Time: 7:30:00 AM Stop Time: 4:15:00 PM

Weather Conditions: Partly Sunny, Clouds: 25%, Pcp: None
Attachments:

High Temp (°F): 100 Low Temp (°F): 75
Photographs:

Sites Monitored

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

Activity Log: 0730 walk through of variance area at arizona crossing. 0800 inspect evaporation ponds. No findings. 1000 inspect access road. No findings. 1100 inspect gas line and discuss restoration with contractor. 1330 office. 1430 inspect fence. Repairs not completed.

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		Repairs not completed. Discussed further with management.
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: Round-tailed ground squirrel

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/27/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 35%, Pcp: None
High Temp (°F): 101 Low Temp (°F): 81

Start Time: 5:00:00 AM Stop Time: 3:33:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log:
0500-0530 cleared gas line work areas
0545-0555 conducted tailboard meeting with gas crew
0615-0650 cleared access road
0700-1100 conducted kit fox surveys
1120-1420 walked perimeter fence of unit 2, noting any damage from recent rain events

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 access road perched on wooden power poles by pole 27
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
American kestrel
Western kingbird
Raven
Turkey vulture

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/28/2013

Monitor: David Charlton
Start Time: 5:30:00 AM Stop Time: -
Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
Attachments:
High Temp (°F): 101 Low Temp (°F): 85
Photographs:

Sites Monitored

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

Activity Log:
Attend safety briefing
Conduct transects at Arizona crossing
Monitor gas crew dig holes for annodes and fill last hole at north of freeway site
Conduct transects at tower b on transmission line until .11:00
11:30 conduct bird mortality survey in unit 2.
Monitor Sukut fixing DT fence in SW corner 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			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:
Hawk
2 ravens
Whiptail
Zebra tail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/28/2013

Monitor: Eric German
Start Time: 7:45:00 AM Stop Time: 5:15:00 PM
Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
Attachments:
High Temp (°F): 102 Low Temp (°F): 88
Photographs:

Sites Monitored

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

Activity Log: 0845 inspect unit 2 perimeter inside fence. Some puddles remain. Noted digs inside fence west side unit 2 west of terrace b and c. 0915 inspect outside of permanent fence damage unit 1. Repairs not made. Contacted compliance. 1000 meeting. 1100 investigate report of bird mortality unit 2 terrace e row 3. Located two bird mortalities in area. Contacted/left messages with USFWS Law Enforcement. Carcasses left in place. 1300 flag west fox burrow outside fence for avoidance. 1400 temporary permanent fence repair south unit 1, block 3. 1600 office.

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		Repairs made at unit 1 block 3 sw. Unit 1 NW corner, and gates still require completion.
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: Night Heron

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/28/2013

Monitor: Ron Walker
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 106 Low Temp (°F): 81

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:
0500-0545 cleared connex corner and access road
0600-0620 attended Sukut tailboad meeting
0700-1100 walked unit 1 perimeter fence
1130-1330 worked on kit fox cameras, relocated Stripe camera
1330-1447 searched for Honey (kit fox)

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;
Orange-crowned warbler
Lesser nighthawk
Burrowing owl
Turkey vulture

NOTE; BUOW observed flying out of burrow named GKBFW003, 1/4 mile south of access road

Date & Time: Wed Aug 28 11:16:37 PDT 2013
Position: 11 N 686816 3726297
Altitude: 383ft
Azimuth/Bearing: 156° S24E 2773mils (True)
Elevation Angle: -85.8°
Horizon Angle: +55.7°
Zoom: 1X
bird mortality unit 2 block 3 row 3

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/29/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 90%, Pcp: None
High Temp (°F): 101 Low Temp (°F): 83

Start Time: 5:45:00 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:
Attend safety briefing
Monitor gas crew revegetation
Monitor Sukut crew removing concrete from rest area
Monitor crew cleaning out DT guard
Monitor crew burying DT fence

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 fell off tractor picked up by monitor
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 8/29/2013

Monitor: Eric German
Weather Conditions: Cloudy, Clouds: 50%, Pcp: None
High Temp (°F): 100 Low Temp (°F): 85

Start Time: 7:45:00 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: 0745 discuss tline needs and activities for next week. 0815 inspect temporary permanent fence repair SW unit 1. Further repair required. 0900 inspect NW corner repair. Appears completed.0920 observed 4 egrets at south evap pond 0930 inspect parking lot gate tortoise exclusion. Further work needed. 0940 salvage per USFWS guidance two birds reported yesterday unit 2 block 3 row 3. 1000 discuss SW unit 1 repairs with contractor. 1130 walk through of gas line restoration. Pointed out areas of further restoration. 1245 meet at service entrance to discuss temporary repairs. 1340 report of egret possibly entangled at evap pond. 1350 egret appears fine but is inside netted pond. 1440 egret flushed from pond 1600 inspect power block 1 for bird mortality. Did not locate. 1700 inspect service gate for tortoise exclusion fencing. Work not completed.

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		To be 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			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		Repairs to be made.
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.
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 8/29/2013

Monitor: Ron Walker
Weather Conditions: Cloudy, Clouds: 50%, Pcp: None
High Temp (°F): 95 Low Temp (°F): 79

Start Time: 5:00:00 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:
0500-0535 cleared connex corner and gas pipeline work area
0600-0615 attended Sukut tailboard meeting
0630-1447 monitored DT fence repairs in eroded areas of unit 1, SW and NW corners
1500-1540 conducted kit fox survey for Bug and Jitter
1600-1635 searched power block 1 for avian 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			Two ravens observed perched on power poles along access road
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes:
Species observed;
Sidewinder (access road mortality)
Raven
Western whiptail
Kangaroo rat (access road mortality)
Red tail hawk
Turkey vulture
Desert iguana
Desert kit fox

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 8/30/2013

Monitor: David Charlton
Weather Conditions: Cloudy, Clouds: 95%, Pcp: Light
High Temp (°F): 98 Low Temp (°F): 83

Start Time: 6:00:00 AM Stop Time: 4:31:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: 6:15-7:00 walk evaporation ponds looking for erosion and trapped bird; none found
Monitor crew outside fence
Survey for bird 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			2
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 8/30/2013

Monitor: Eric German
Weather Conditions: Cloudy, Clouds: 60%, Pcp: None
High Temp (°F): 100 Low Temp (°F): 81

Start Time: 7:00:00 AM Stop Time: 3:30:00 PM
Attachments:
Photographs:

Sites Monitored

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

Activity Log: 0715 inspect fence completion at south gate entrance. Not complete. 0745 escort USFWS Law Enforcement to pb1; USFWS Law Enforcement collect salvaged bird mortalities. 0915 remove snake from unit 1 block 5 row 28. Diamondback. 1015 identify areas of concern with tortoise exclusion fence at south gate. 1100 inspect tortoise exclusion at common area bridge parking west of unit 2. And monitor activities west of unit 2 permanent fence. No findings. 1130 escort CDFW to salvage bat carcasses. 1340 bird mortality unit 2 block 2 row 21. Salvaged per USFWS Law Enforcement direction. Placed in freezer for USFWS collection. 1500 inspect unit 1 block 3 permanent fence repair. Repair appears complete.

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		Water bottles.
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			Temporary tortoise exclusion tie-ins completed on permanent fence.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			4: 3 perched, 1 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Diamondback, tuvu, raven, kestrel, cattle egret.

Date & Time: Fri Aug 30 13:36:02 PDT 2013
Position: 11 N 686512 3726691
Altitude: 387ft
Azimuth/Bearing: 068° N68E 1208mils (True)
Elevation Angle: -81.4°
Horizon Angle: +61.1°
Zoom: 1X
bird mortality unit 2 block 2 row 21

Date & Time: Fri Aug 30 08:23:03 PDT 2013
Position: 11 N 684652 3727321
Altitude: 408ft
Azimuth/Bearing: 005° N05E 0089mils (True)
Elevation Angle: -79.4°
Horizon Angle: +53.2°
Zoom: 1X
bird mortality pb 1

ATTACHMENT 4

SURVEY DATA FORMS

Evaporation Pond Monitoring Form

GENESIS SOLAR ENERGY PROJECT

MONTHLY EVAPORATION POND MONITORING (BIO-21)

Date	8/7/13	Biomonitor	M. RATLIFF
Sunrise Time	5 :56 AM	Sunset Time	7 :34 PM

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

DAWN SURVEY (two hours after sunrise)

Start Time	End Time
5 : 56 AM	8 : 01 AM

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

Comments for #1: BLPH & LOSH Both Enter & leave netted area.

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

Comments for #2: PBGR died in net, not sure if it was entraped before ~~during~~ expireing or died on contact.

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

Comments for #3: some holes but in general intact and doing what nets do.

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: Pied-billed GREBE IS STILL IN NET FROM couple of months ago.

MIDDAY SURVEY (i.e. 1100 to 1300)

Start Time	End Time
1 : 00 AM/(PM)	2 : 00 AM/(PM)

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

Comments for #1: BLPH in north pond not present earlier in morning. BHCO and another BLPH outside.

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 : 25 PM	7 : 25 PM

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

Comments for #1: BLPH still flying around South Pond.

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:

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
Michael Rathbun	8/8/2013	R1. 691217 W, 3722767 N	5:41:00 AM	5:51:00 AM	9999	9999	SE	1	None	73	15%
Michael Rathbun	8/8/2013	R6. 687910 W, 3726586 N	6:05:00 AM	6:15:00 AM	9999	9999	S	1	None	74	10%
Michael Rathbun	8/8/2013	R2. 686736 W, 3726215 N	6:30:00 AM	6:40:00 AM	9999	9999	SE	1	None	74	10%
Michael Rathbun	8/8/2013	R7. 686177 W, 3725504 N	6:47:00 AM	6:57:00 AM	9999	9999	S	1	None	76	5%
Michael Rathbun	8/8/2013	R5. 685761 W, 3727662 N	7:08:00 AM	7:18:00 AM	9999	9999	SE	1	None	78	5%
Michael Rathbun	8/8/2013	R3. 683684 W, 3727437 N	7:30:00 AM	7:40:00 AM	9999	9999	SE	0	None	78	0%
Michael Rathbun	8/8/2013	R4. 683203 W, 3727508 N	7:50:00 AM	8:00:00 AM	9999	9999	SE	0	None	80	0%
Ron Walker	8/22/2013	R4. 683203 W, 3727508 N	6:55:00 AM	7:05:00 AM	0	500	Variable	1	None	85	5%
Ron Walker	8/22/2013	R3. 683684 W, 3727437 N	7:10:00 AM	7:20:00 AM	0	500	-	0	None	87	10%
Ron Walker	8/22/2013	R5. 685761 W, 3727662 N	7:28:00 AM	7:38:00 AM	0	500	-	0	None	86	10%
Ron Walker	8/22/2013	R2. 686736 W, 3726215 N	8:05:00 AM	8:15:00 AM	0	500	E	1.5	None	89	10%
Ron Walker	8/22/2013	R6. 687910 W, 3726586 N	8:30:00 AM	8:40:00 AM	0	500	E	1.5	None	94	10%
Ron Walker	8/22/2013	R7. 686177 W, 3725504 N	8:48:00 AM	7:58:00 AM	0	500	E	1.2	None	87	10%
Ron Walker	8/22/2013	R1. 691217 W, 3722767 N	9:00:00 AM	9:10:00 AM	0	500	E	3.5	None	94	10%

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)	1st Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
Michael Rathbun	8/8/2013	R6. 687910 W, 3726586 N	-	-	-	0	-	-	-	-	-	No	No	No CORA observed
Michael Rathbun	8/8/2013	R5. 685761 W, 3727662 N	-	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Michael Rathbun	8/8/2013	R4. 683203 W, 3727508 N	-	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Michael Rathbun	8/8/2013	R3. 683684 W, 3727437 N	-	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Michael Rathbun	8/8/2013	R7. 686177 W, 3725504 N	-	-	-	0	-	-	-	-	-	No	No	No CORA observed
Michael Rathbun	8/8/2013	R2. 686736 W, 3726215 N	-	-	-	0	-	-	-	-	-	No	No	No CORA observed
Michael Rathbun	8/8/2013	R1. 691217 W, 3722767 N	-	-	-	0	-	-	-	-	-	No	No	No CORA observed
Ron Walker	8/22/2013	R1. 691217 W, 3722767 N	9:00:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Ron Walker	8/22/2013	R6. 687910 W, 3726586 N	8:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Ron Walker	8/22/2013	R2. 686736 W, 3726215 N	8:05:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Ron Walker	8/22/2013	R7. 686177 W, 3725504 N	7:48:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Ron Walker	8/22/2013	R5. 685761 W, 3727662 N	7:28:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Ron Walker	8/22/2013	R3. 683684 W, 3727437 N	7:10:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed
Ron Walker	8/22/2013	R4. 683203 W, 3727508 N	6:55:00 AM	-	-	0	-	-	-	-	-	NO	NO	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	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Michael Rathbun	8/1/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Eyes sunken, no feathers out of place	UTM Z11 NAD83 (m)	3725516	686336	Other (explain below)	Along south permanent fence of Unit 2, 23 solar structures from the west corner. 2WB/A 32	White-winged Dove	White wing, white tail tips	Unk	Adult	NO	Sunny	99	Calm	Graded	DB	8/1/2013	12:12:00 PM	Bird left in place, fence was marked if further actions are required.	N/A
Eric German	8/1/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)		UTM Z11 NAD83 (m)	3726368	687027	Other (explain below)	Scaffolding power block 2.	Tree swallow	Grey back	Unk	Unk	NO	Sunny	99	Calm	Other (note)	USFWS	7/31/2013	10:30:00 AM	Could not locate 7/31. Located 8/1. Left in place.	There were two swallows in proximate locations. USFWS law enforcement contacted.
Eric German	8/1/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass.	UTM Z11 NAD83 (m)	3726366	687022	Other (explain below)	Scaffolding power block 2.	Tree swallow	White and grayish brown.	Unk	Unk	NO	Sunny	99	Calm	Other (note)	USFWS law enforcement	8/1/2013	10:00:00 AM	Photographed and left in place.	N/A
Eric German	8/2/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass appeared worn. Intact.	UTM Z11 NAD83 (m)	3727285	684645	Other (explain below)	Power block 1.	Brown-headed cowbird	Drab brown	Unk	Adult	NO	Sunny	99	Calm	Other (note)	USFWS law enforcement	8/2/2013	10:30:00 AM	Collected by USFWS law enforcement, 8/2.	Bare ground at power block.
Eric German	8/2/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass worn. Intact.	UTM Z11 NAD83 (m)	3727258	684595	Other (explain below)	Power block 1 acc bare ground beneath welding table.	Brown-headed cowbird	Drab brown, conical beak	Unk	Adult	NO	Sunny	99	Calm	Other (note)	USFWS law enforcement	8/2/2013	10:30:00 AM	Collected by USFWS law enforcement, 8/2.	Bare ground at power block.
Eric German	8/5/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	No eyes carcass in rigor.	UTM Z11 NAD83 (m)	3726016	686234	Solar Trough	East of solar panel unit 2 block 4 row 37. On side away from mirrors on bare ground.	Herring Gull	Gray back, white under-wings.	Unk	Unk	NO	Partly Sunny	104	Gusty	Bare Ground	USFWS law enforcement	8/5/2013	1:40:00 PM	Photographed, left in place. Then received direction to salvage by USFWS law enforcement. Salvaged.	N/A
Eric German	8/5/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	No eyes carcass in rigor.	UTM Z11 NAD83 (m)	3726754	686463	Solar Trough	On concrete caisson beneath pillar, unit 2 block 2 row 24.	Say's Phoebe	Brown back, rufous underbelly	Unk	Adult	NO	Partly Sunny	104	Gusty	Other (note)	USFWS law enforcement	8/5/2013	1:40:00 PM	Photographed, left in place. Then received direction to salvage by USFWS law enforcement. Salvaged.	On concrete pillar.
Eric German	8/6/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass intact.	UTM Z11 NAD83 (m)	3726337	687068	Other (explain below)	Power block 2 bare ground area 14.	Myotis californicus	Keeled calcar, pointed narrow tragus, long body fur.	Unk	Adult	NO	Partly Sunny	88	Calm	Other (note)	CDFW	8/6/2013	12:45:00 PM	Bat was in box when collected, assessed and determined mortality. Placed in freezer after discussion with CDFW.	Power block bare ground

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/7/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Eyes missing, intact carcass	UTM Z11 NAD83 (m)	3726045	687594	Solar Trough	Unit block 9 row 43, backside of mirrors. Bare ground.	Gull	Light gray back, white marks at wing tips.	Unk	Unk	NO	Partly Sunny	88	Calm	Bare Ground	USFWS law enforcement	8/7/2013	9:35:00 AM	Left in place. Followed guidance from USFWS law enforcement. Salvaged and placed in freezer for USFWS collection.	N/A
Eric German	8/7/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass	UTM Z11 NAD83 (m)	3727244	684557	Other (explain below)	Power block 1 sw corner beneath acc.	Cliff swallow	Brown back, rufous throat	Unk	Adult	NO	Partly Sunny	97	Calm	Bare Ground	USFWS	8/7/2013	9:35:00 AM	Left in place. Followed guidance from USFWS law enforcement. Salvaged and placed in freezer for USFWS collection.	N/A
Michael Rathbun	8/7/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact and dried, no smell or decomposition, left in place	UTM Z11 NAD83 (m)	3727575	685711	Other (explain below)	Unit 1, block 5, tent shaped building	Yuma Myotis	Greyish fur with some buffy wash	Unk	Adult	NO	Sunny	87	Calm	Other (note)	DB	8/7/2013	10:07:00 AM	DB notified me to take a picture and get exact location, I sent him information and proceeded to identify and informed DB of ID.	N/A
Eric German	8/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Unknown carcass age, carcass intact. Some body fluids appeared to be leaking from carcass.	UTM Z11 NAD83 (m)	3726347	687003	Other (explain below)	Carcass located in fan area of acc pb2. UTMs may be off due to interference. 1st fan second row.	Yellow-headed blackbird	Yellowish head, black body.	Male	Adult	NO	Sunny	106	Calm	Other (note)	USFWS law enforcement	8/8/2013	3:45:00 PM	Left in place for collection by USFWS law enforcement.	Located on sheet metal above fans in acc of power block 2. Collected by USFWS 8/9.
Eric German	8/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Unknown carcass age, carcass intact.	UTM Z11 NAD83 (m)	3726351	686963	Other (explain below)	Carcass located in fan area of acc pb2. UTMs may be off due to interference. 3rd fan.	Cliff Swallow	Brown back. Appears to have rufous throat.	Unk	Adult	NO	Sunny	106	Calm	Other (note)	USFWS law enforcement	8/8/2013	3:45:00 PM	Left in place for collection by USFWS law enforcement.	Located on sheet metal above fans in acc of power block 2. Collected by USFWS law enforcement 8/9.
Eric German	8/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Unknown carcass age, carcass intact. Brown back visible.	UTM Z11 NAD83 (m)	3726313	686982	Other (explain below)	Carcass located in fan area of acc pb2. UTMs may be off due to interference. 1st fan fourth row.	Bullock's Oriole	Brown back, yellow underside.	Fem	Adult	NO	Sunny	106	Calm	Other (note)	USFWS law enforcement	8/8/2013	3:45:00 PM	Left in place for collection by USFWS law enforcement.	Located on sheet metal above fans in acc of power block 2. USFWS law enforcement collected 8/9.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/8/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Unknown age of remains. Carcass intact.	UTM Z11 NAD83 (m)	3726031	686640	Solar Trough	Beneath mirror array, unit 2, block 4, row 15. Bare ground.	Eared grebe	Feathered ear, upturned bill.	Unk	Adult	NO	Sunny	106	Calm	Bare Ground	USFWS law enforcement	8/8/2013	3:45:00 PM	Left in place for collection by USFWS law enforcement.	USFWS law enforcement collected 8/9.
Ron Walker	8/9/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Tree swallow carcass intact	UTM Z11 NAD83 (m)	3727398	684626	Other (explain below)	Unit 1 power block	Tree swallow	Grey and light buff/brown	Unk	Unk	NO	Sunny	98	Calm	Other (note)	Designated Biologist	8/9/2013	9:37:00 AM	Bird retrieved by Ed Nieves of USFWS	Bird collected on 8/9 by USFWS agent Ed Nieves
Ron Walker	8/9/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass intact 4-5 days old	UTM Z11 NAD83 (m)	3726302	686988	Other (explain below)	4th floor of ACC towers in power block of unit 2	Bullock's oriole	Yellow/orange on bottom, medium brown on top, white wing bars	Male	Adult	NO	Sunny	101	Calm	Other (note)	Designated biologist and Ed Nieves of USFWS	8/9/2013	8:30:00 AM	Bird collected by Ed Nieves and Laura Chee of USFWS	Bird collected by special agents Ed Nieves and Laura Chee of USFWS, bird was on fourth floor of power block 2 ACC
Ron Walker	8/9/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Carcass completely dried out, back muscles eaten away	UTM Z11 NAD83 (m)	3726443	686456	Solar Trough	Unit 2 block 3 row 24	Common loon	Brown back, lighter underneath, whiteish throat colors	Unk	Unk	NO	Sunny	105	Calm	Other (note)	Designated biologist and Ed Nieves of USFWS	8/9/2013	12:57:00 PM	Bird collected by Ron Walker, bagged and placed in freezer	Common loon found dead at base of mirror, carcass dried out, back muscle tissue missing, maggots, bird bagged and placed in freezer, called Ed Nieves of USFWS
Ron Walker	8/12/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass intact totally desiccated	UTM Z11 NAD83 (m)	3725586	686727	Solar Trough	Unit 2 block 5 row 9/10 section A	Rough wing swallow	Tan throat patch white vent feathers	Unk	Unk	NO	Sunny	108	Calm	Other (note)	Ed Nieves and Laura Chee of USFWS	8/12/2013	4:35:00 PM	Bird bagged and placed in freezer	Bird found in unit 2 block 5 row 9 section A, carcass dried out and intact
Michael Rathbun	8/13/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	N/A	Body is intact, front and top of head is missing.	UTM Z11 NAD83 (m)	3727388	685258	Solar Trough	Unit 1, Block 7, Row 46, within one foot of a foundation.	Brown-headed Cowbird	Brown	Fem	Adult	NO	Sunny	80	Calm	Graded	I notified DB, he passed along to agencies	8/13/2013	7:16:00 AM	Left in place until other actions are approved.	N/A
Eric German	8/14/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	1-5 (fluid in eyes)	Intact carcass.	UTM Z11 NAD83 (m)	3728099	685393	Other (explain below)	Inside perimeter fence, north unit 1, north of block 5, west of pedestrian gate approx 40 meters.	Black-headed Grosbeak	White wing spots orange body large beak.	Male	Adult	NO	Sunny	106	Calm	Bare Ground	USFWS law enforcement	8/14/2013	4:55:00 PM	Left in place for collection by USFWS law enforcement	N/A
Eric German	8/14/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Head not attached. Remaining carcass intact.	UTM Z11 NAD83 (m)	3727503	685705	Other (explain below)	Old laydown area south of assembly tent. North rip rap. North of evap pond.	Mourning Dove	Light breast, greyish back	Unk	Adult	NO	Sunny	106	Calm	Bare Ground	USFWS law enforcement	8/14/2013	4:55:00 PM	Left in place for collection by USFWS law enforcement	N/A

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/14/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass intact, some staining on ground beneath carcass, maggots.	UTM Z11 NAD83 (m)	3726991	685402	Other (explain below)	Bird located in torque tube laydown. Found when torque tubes where removed. Had been beneath torque tubes. Unit 1 block 8.	Common Loon	Greyish silver beak, brownish back, whitish underbelly	Unk	Adult	NO	Sunny	84	Calm	Bare Ground	USFWS law enforcement	8/14/2013	8:45:00 AM	Contacted USFWS law enforcement. Guidance to collect and place in freezer. Salvaged and placed in freezer.	N/A
Ron Walker	8/14/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	1-5 (fluid in eyes)	Carcass missing head, rest of body intact	UTM Z11 NAD83 (m)	3727403	685266	Solar Trough	Unit 1 block 7 row 46 by base of mirror support	Brown-headed cowbird	Over brownish in color	Unk	Unk	NO	Sunny	100	Calm	Other (note)	Designated biologist and USFWS	8/14/2013	2:50:00 PM	Bird left in place	Bird found on ground below mirrors in unit 1 block 7 north end of row 46
Eric German	8/15/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Wing outstretched. Some damage to carcass.	UTM Z11 NAD83 (m)	3727273	684603	Other (explain below)	Power block 1, NE corner of acc	Unknown bat	Larger bat with large wings	Unk	Unk	NO	Sunny	106	Calm	Other (note)	CDFW	8/16/2013	10:10:00 AM	Per previous instruction bat was salvaged and placed in freezer for CDFW collection. Notification via email of date of collection.	Habitat: power block structure.
Eric German	8/16/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Intact carcass	UTM Z11 NAD83 (m)	3726851	687081	Other (explain below)	Concrete slab next to ups. Unit 2 block 5 row 13.	Black phoebe	Black head, long tail	Unk	Adult	NO	Sunny	100	Calm	Other (note)	USFWS Law Enforcement	8/16/2013	2:05:00 PM	Salvaged and placed in freezer at 1420 following consult with USFWS law enforcement.	N/A
Eric German	8/18/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass not found. Carcass not salvaged.				Solar Trough	Carcass reported with photograph; area described Unit 2, block 5, row 54.	Mourning dove	Light brown back some spotting	Unk	Unk	N/A	Sunny	105	Calm	Graded	Discussed with USFWS law enforcement	8/19/2013	12:00:00 PM	Bird not found during bio investigation. Informed USFWS law enforcement of missing carcass.	N/A
Ron Walker	8/19/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	1-5 (fluid in eyes)	Carcass separated into two pieces	UTM Z11 NAD83 (m)	3726470	687047	Other (explain below)	Power block 2 northeast corner, on concrete apron under large HTF vessel on north side, up against concrete curb	Cliff swallow	White throat patch, white underbelly, greyish brown back	Unk	Unk	NO	Cloudy	84	Calm	Other (note)	Designated biologist and USFWS	8/19/2013	9:50:00 AM	Bird left in place	Bird left in place, power block 2 northeast corner on concrete apron under large HTF fluid vessel, bird up against concrete apron
Eric German	8/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Dried intact carcass	UTM Z11 NAD83 (m)	3726163	686039	Solar Trough	North End of solar trough on ground. Unit 2 West, Terrace D row 49.	Unknown bat	Larger bat	Unk	Unk	NO	Cloudy	93	Calm	Bare Ground	CDFW biologist via email	8/19/2013	3:34:00 PM	Bat was collected and placed in freezer.	N/A

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass.	UTM Z11 NAD83 (m)	3726151	686026	Solar Trough	Unit 2 West, Terrace D row 49.	Tree Swallow	White chin	Unk	Adult	NO	Cloudy	93	Calm	Bare Ground	USFWS law enforcement	8/19/2013	9:20:00 AM	USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.	Bird located at 1105. Reported by personnel 8/18 to DB.
Eric German	8/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass, eyes missing	UTM Z11 NAD83 (m)	3725594	687432	Solar Trough	Unit 2 East, Terrace A row 33. Proximate to mirrors.	Mourning Dove	Spots on back	Unk	Adult	NO	Cloudy	93	Calm	Bare Ground	USFWS law enforcement	8/19/2013	9:20:00 AM	USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.	Bird located at 1025. Reported by personnel 8/18 to DB.
Eric German	8/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass.	UTM Z11 NAD83 (m)	3726482	687381	Solar Trough	Unit 2 East, Terrace F row 31.	Sora	White chin	Unk	Juv	NO	Cloudy	97	Calm	Bare Ground	USFWS law enforcement	8/19/2013	9:20:00 AM	USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.	Bird located at 1145. Reported by personnel 8/17 to DB.
Eric German	8/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass, wings outstretched.	UTM Z11 NAD83 (m)	3726170	687047	Solar Trough	Unit 2 east, Terrace D row 11.	Lesser Nighthawk	White wing bars	Unk	Adult	NO	Cloudy	93	Calm	Bare Ground	USFWS law enforcement	8/19/2013	9:20:00 AM	USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.	Bird located at 1050. Reported by personnel 8/18 to DB.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass on back, no obvious signs of trauma	UTM Z11 NAD83 (m)	3726833	686881	Road	Location of carcass near dirt road edge beneath pipe of crossover. Near NE corner on unit 2 block 2.	To be determined flycatcher.	Dark green back, whitish front with grey on breast, slight wing bars.	Unk	Unk	NO	Partly Sunny	108	Calm	Other (note)	USFWS law enforcement	8/20/2013	1:55:00 PM	Photographed 8/19. Contacted USFWS law enforcement 0900 (first notification). Guidance to salvage to preserve carcass; placed in freezer. 1355 contacted USFWS law enforcement to inform of need to further identify carcass.	Located near pipe crossover, piping over road, on bare ground.
Eric German	8/19/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass on back, on bare ground.	UTM Z11 NAD83 (m)	3727294	684570	Other (explain below)	Located beneath cable tray north of power block 1 ACC. Bare ground near generator.	Cliff Swallow	Rufous throat. Swallow beak.	Unk	Adult	NO	Partly Sunny	106	Calm	Bare Ground	USFWS Law Enforcement	8/19/2013	4:12:00 PM	Following guidance salvaged carcass to preserve remains.	N/A
Eric German	8/20/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Damaged and rotting in containment structure.	UTM Z11 NAD83 (m)	3726292	687027	Other (explain below)	Power block 2 east side within containment of vessel.	Unknown possible brown-headed cowbird	Drab brown with finch like beak.	Unk	Unk	NO	Partly Sunny	100	Calm	Bare Ground	USFWS law enforcement	8/21/2013	11:35:00 AM	Carcass salvaged and placed in freezer following USFWS law enforcement guidance.	Containment and vessel were removed prior to salvage. Carcass located in cleaning debris 8/21.
Eric German	8/20/2013	Construction	Plant Site (incidental)	Injury	N/A	N/A	Bird gasping, beak open, wings slightly open. Did not move or flush when approached. Dirty feathers.				Other (explain below)	Power block 2. Containment slab area 19.	Brown-headed cowbird.	Finch like beak	Fem	Adult	NO	Partly Sunny	104	Calm	Other (note)	USFWS law enforcement	8/20/2013	1:00:00 PM	Bird brought to Rehabilitation.	N/A
Eric German	8/20/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass on breast side, intact carcass.	UTM Z11 NAD83 (m)	3726367	687011	Other (explain below)	Power block 2 area 23. Near scaffolding.	Tree Swallow	Dark back, white breast side.	Unk	Unk	NO	Sunny	94	Calm	Other (note)	USFWS law enforcement	8/20/2013	9:00:00 AM	Following USFWS guidance, salvaged and placed in freezer.	N/A
Eric German	8/20/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Blue wings visible. Intact carcass.	UTM Z11 NAD83 (m)	3727671	685518	Solar Trough	Bird located on west side of mirrors approximately 3 to 4 feet.	Blue-winged Teal	Blue-wings, duck bill	Fem	Unk	NO	Sunny	91	Calm	Bare Ground	USFWS law enforcement	8/20/2013	11:13:00 AM	Guidance given to salvage and place in freezer to preserve remains for necropsy.	N/A

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/20/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass on resting breast side, carcass beginning to decay, ants on carcass. Neck skeleton visible. Some feathers and head unattached.	UTM Z11 NAD83 (m)	3726330	686933	Other (explain below)	Power block 2, NW corner of ACC on ground next to pallet.	Mourning Dove	Spots on back, buff underside.	Unk	Unk	NO	Sunny	94	Calm	Other (note)	USFWS law enforcement	8/20/2013	9:00:00 AM	Following USFWS guidance, salvaged and placed in freezer.	N/A
Eric German	8/20/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Lying on breast, carcass intact.	UTM Z11 NAD83 (m)	3727454	685510	Solar Trough	Bird located on west side of mirrors approximately 3 feet.	Tree swallow.	White breast, small spot on breast	Unk	Unk	NO	Sunny	91	Calm	Bare Ground	USFWS law enforcement	8/20/2013	11:13:00 AM	Guidance given to salvage and place in freezer to preserve remains for necropsy.	N/A
Eric German	8/20/2013	Operations	Evaporation Pond Monitoring	Fatality	Intact Carcass	N/A	Unknown carcass age. Carcass water saturated in evap pond.	UTM Z11 NAD83 (m)	3727371	685760	Evaporation Pond	Bird mostly submerged within south evaporation pond.	Possible Sora	Large feet, other sora found previously.	Unk	Unk	NO	Sunny	102	Calm	Other (note)	USFWS law enforcement	8/20/2013	11:13:00 AM	Removed from pond and placed in freezer.	N/A
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass	UTM Z11 NAD83 (m)	3726339	686975	Other (explain below)	Power block 2 beneath water wagon on bare ground.	Brown-headed cowbird	Drab brown with finch like beak.	Fem	Unk	NO	Partly Sunny	100	Calm	Bare Ground	USFWS law enforcement	8/21/2013	11:35:00 AM	Carcass salvaged and placed in freezer following USFWS law enforcement guidance.	N/A
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass	UTM Z11 NAD83 (m)	3726349	687003	Other (explain below)	Power block 2 beneath area 22 pipe rack, north of ACC on bare ground. 2 birds same location. 1 of 2.	Brown-headed cowbird	Drab brown with finch like beak.	Fem	Unk	NO	Partly Sunny	100	Calm	Bare Ground	USFWS law enforcement	8/21/2013	11:35:00 AM	Carcass salvaged and placed in freezer following USFWS law enforcement guidance.	Two birds same location 1 of 2.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass	UTM Z11 NAD83 (m)	3726349	687003	Other (explain below)	Power block 2 beneath area 22 pipe rack, north of ACC on bare ground. 2 birds same location. 2 of 2.	Brown-headed cowbird	Drab brown with finch like beak.	Fem	Unk	NO	Partly Sunny	100	Calm	Bare Ground	USFWS law enforcement	8/21/2013	11:35:00 AM	Carcass salvaged and placed in freezer following USFWS law enforcement guidance.	Two birds same location 2 of 2.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/21/2013	Construction	Plant Site (incidental)	Injury	N/A	N/A	Bird laying on breast, slightly outstretched wings, beak gaped. Per personnel, bird flew into area of construction and walked beneath ladder. Bird did not move when approached.	UTM Z11 NAD83 (m)	3727709	684818	Other (explain below)	In area of pipe welding between solar troughs. Bird beneath ladder.	Gull ring billed?	Black ring at beak. White underside, grey back.	Unk	Unk	NO	Partly Sunny	94	Calm	Bare Ground	USFWS	8/21/2013	9:24:00 AM	Bird brought to rehabilitation center.	N/A
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Flattened carcass very worn and aged. In location of past laydown unit 1 block 8 (Carcass 4).	UTM Z11 NAD83 (m)	3726988	685536	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Brown-headed cowbird	Finch like dark beak	Fem	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass appears aged (Carcass number 2)	UTM Z11 NAD83 (m)	3727028	685594	Other (explain below)	Bird located in area where laydown area had been removed. North of assembly building, west of common area.	Bunting species. Lazul?	Blue throat, cinnamon breast.	Unk	Unk	NO	Partly Sunny	108	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Left in place for collection by USFWS law enforcement. Collected by USFWS 8/22/13.	Bird found on bare ground in area where a rack laydown had been removed.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Carcass appears aged (Carcass number 1)	UTM Z11 NAD83 (m)	3727030	685603	Other (explain below)	Bird located in area where laydown area had been removed. North of assembly building, west of common area.	Brown-headed Cowbird	Drab brown. Finch like beak.	Fem	Unk	NO	Partly Sunny	108	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Left in place for collection by USFWS law enforcement. Collected by USFWS 8/22/13.	Bird found on bare ground in area where a rack laydown had been removed.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Lying on side, intact carcass (Carcass 12)	UTM Z11 NAD83 (m)	3726982	685522	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Bullocks oriole	Light yellow head and breast	Fem	Juv	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Flattened brown carcass (Carcass 11)	UTM Z11 NAD83 (m)	3726976	685527	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Passerine species	Brown feathers	Unk	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Disarticulated into three parts (Carcass 5).	UTM Z11 NAD83 (m)	3727008	685523	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Passerine species	Brown feathers	Unk	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Intact carcass (Carcass 6)	UTM Z11 NAD83 (m)	3726982	685521	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Bullocks Oriole	Yellow throat and breast	Fem	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Intact carcass (Carcass 7)	UTM Z11 NAD83 (m)	3726980	685518	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Yellow-headed blackbird	Yellow throat and breast	Male	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	(Carcass 8)	UTM Z11 NAD83 (m)	3726980	685518	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Unknown	Photo did not record.	Unk	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	No photo. Form completed to record mortality. Mortality collected by USFWS law enforcement 8/22.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Dismembered carcass. Some yellow along sides. Long tail (Carcass 9).	UTM Z11 NAD83 (m)	3726976	685526	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Passerine species	Dismembered carcass. Some yellow along sides. Long tail	Unk	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Flattened brown carcass (Carcass 10)	UTM Z11 NAD83 (m)	3726977	685527	Other (explain below)	Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).	Passerine species	Brown feathers	Unk	Unk	NO	Cloudy	109	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Habitat: bare ground beneath former laydown.	Mortality collected by USFWS law enforcement 8/22.

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass appears aged (Carcass number 3). Second bunting in same area about 2 meters east of 685594 3727028. No photo.	UTM Z11 NAD83 (m)	3727028	685594	Other (explain below)	Bird located in area where laydown area had been removed. North of assembly building, west of common area.	Bunting species. Lazul?	Blue throat, cinnamon breast.	Unk	Unk	NO	Partly Sunny	108	Calm	Other (note)	USFWS law enforcement	8/21/2013	11:33:00 AM	Left in place for collection by USFWS law enforcement. Collected by USFWS 8/22/13.	Bird found on bare ground in area where a rack laydown had been removed.
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Partial carcass remains (Carcass 14)	UTM Z11 NAD83 (m)	3725695	687190	Solar Trough	Unit 2 block 10 row 19. Approximately 10 feet west of mirrors.	Unknown	Possible dove species	Unk	Unk	NO	Partly Sunny	94	Gusty	Graded	USFWS law enforcement	8/22/2013	8:15:00 AM	USFWS law enforcement collected 8/22.	N/A
Eric German	8/21/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Partial carcass remains (Carcass 15)	UTM Z11 NAD83 (m)	3725741	687189	Solar Trough	Unit 2 block 10 row 19. Approximately 10 feet west of mirrors.	Unknown	May be the second part of a proximate carcass.	Unk	Unk	NO	Partly Sunny	94	Gusty	Graded	USFWS law enforcement	8/22/2013	8:15:00 AM	USFWS law enforcement collected 8/22.	N/A
Eric German	8/22/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Intact carcass, breast side down, wings outspread (Carcass 13)	UTM Z11 NAD83 (m)	3727406	683956	Road	Dirt road between blocks 2 and 3 unit 1, near wooden crate.	Passerine species	Sparrow type beak	Unk	Unk	NO	Partly Sunny	94	Calm	Graded	USFWS law enforcement	8/22/2013	8:15:00 AM	USFWS law enforcement collected 8/22.	N/A
Eric German	8/23/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass on side, left stain when collected - rain the night before.	UTM Z11 NAD83 (m)	3725573	686054	Solar Trough	Unit 2 block 5 row 49. About 15' east from array.	Eared Grebe	Golden type ear tufts, grebe beak	Male	Unk	NO	Sunny	100	Calm	Graded	USFWS law enforcement	8/23/2013	3:02:00 PM	Contacted USFWS law enforcement and followed guidance to salvage and place in freezer.	N/A
Ron Walker	8/23/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	1-5 (fluid in eyes)	Breast muscles scavenged	UTM Z11 NAD83 (m)	3725537	687339	Other (explain below)	Unit 2 eastern portion of southern drainage channel, middle of channel	Ring-billed gull	Overall white with black wing tips	Unk	Unk	NO	Sunny	106	Calm	Other (note)	Designated biologist and USFWS	8/23/2013	2:23:00 PM	Bird collected at 1515 and placed in freezer	Ring-billed gull in unit 2 southern drainage channel, eastern portion, middle of channel. USFWS contacted and advised to collect bird and place in freezer.
Eric German	8/26/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass water saturated due to rain.	UTM Z11 NAD83 (m)	3727735	683413	Road	Dirt road west of SW corner block 1 unit 1.	Hermit Warbler	Yellow and black head, dark back and light underside	Unk	Adult	NO	Cloudy	77	Calm	Graded	USFWS law enforcement	8/26/2013	10:20:00 AM	Guidance given by USFWS law enforcement to salvage and place in freezer to preserve carcass.	N/A

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_Dat	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	8/28/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	6-30 (maggots)	Carcass appears partial; some bones visible.	UTM Z11 NAD83 (m)	3726297	686816	Solar Trough	Unit 2 block 3 row 3 beneath mirrors.	Unknown songbird.	Brown feathers, possible white markings	Unk	Unk	NO	Partly Sunny	99	Calm	Graded	USFWS law enforcement. Left message.	8/28/2013	11:20:00 AM	Left in place.	N/A
Eric German	8/28/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass appears weathered.	UTM Z11 NAD83 (m)	3726257	686814	Solar Trough	Graded ground, unit 2 block 3; between rows 3 and 4 mirrors.	Lesser Nighthawk	Brown black pattern on back.	Unk	Unk	N/A	Partly Sunny	99	Calm	Graded	USFWS law enforcement. Left message.	8/28/2013	12:01:00 PM	Left in place.	N/A
Eric German	8/30/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass, on back.	UTM Z11 NAD83 (m)	3727321	684652	Other (explain below)	Power block 1 area 19.	Unknown songbird (chipping sparrow?)	Rufous cap, long tail	Unk	Unk	NO	Cloudy	90	Calm	Bare Ground	USFWS Law Enforcement	8/30/2013	8:00:00 AM	USFWS law enforcement salvaged.	N/A
Eric German	8/30/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Intact carcass	UTM Z11 NAD83 (m)	3726601	686512	Solar Trough	Bare ground beneath solar array. Unit 2, block 2, row 21.	American Kestrel	Brown back with some black banding	Fem	Unk	NO	Cloudy	95	Calm	Bare Ground	USFWS Law Enforcement	8/30/2013	1:44:00 PM	Salvaged and placed in freezer per USFWS law enforcement guidance.	N/A

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: 8/1/2013 Observer: Michael Rathbun

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: Eyes sunken, no feathers out of place

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725516 UTM E: 686336

Found Near (circle one):

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

Location Details: Along south permanent fence of Unit 2, 23 solar structures from the west corner. 2WB/A 32

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): White-winged Dove

Color/Markings: White wing, white tail tips

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

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

Identification Remarks: -

ENVIRONMENTAL CONDITION

Weather (circle one): [Clear] / Fog / Cloudy / Rain

Approx. Temperature (circle one): [°F] / °C: 99

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? DB on 8/1/2013 12:12:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bird left in place, fence was marked if further actions are required.

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: Thu Aug 1 12:02:26 PDT 2013
Altitude: 382ft
Elevation Angle: -63.2
Horizon Angle: -87.7
Zoom: 1X

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: 8/1/2013 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 carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726366 UTM E: 687022

Found Near (circle one):

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

Location Details: Scaffolding power block 2.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Tree Swallow

Color/Markings: White and grayish brown.

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

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

Identification Remarks: Possible juvenile

ENVIRONMENTAL CONDITION

Weather (circle one): [Clear] / Fog / Cloudy / Rain

Approx. Temperature (circle one): [°F] / °C: 99

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? USFWS law enforcement on 8/1/2013 10:00:00 AM

Actions Taken (e.g., left in place, taken to rehab): Photographed and left in place.

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: Thu Aug 1 09:15:10 PDT 2013
Position: 1 [illegible]
Altitude: 3951ft
Azimuth/Bearing: 284° NWW 5049mils (True)
Elevation Angle: -68.8°
Horizon Angle: +92.4°
Zoom: 1X
bird 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 / [Incidental]

Date: 8/1/2013 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: -

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726368 UTM E: 687027

Found Near (circle one):

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

Location Details: Scaffolding power block 2.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

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

Color/Markings: Grey back

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: 99

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? USFWS on 7/31/2013 10:30:00 AM

Actions Taken (e.g., left in place, taken to rehab): Could not locate 7/31. Located 8/1. Left in place.

COMMENTS:

There were two swallows in proximate locations. USFWS law enforcement contacted.

* 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.

Data & Time: Thu Aug 1 05:15:07 PDT 2013
Position: 11 N 687027 3726368
Altitude: 388ft
Azimuth/Bearing: 015° N15E 0267mils True
Elevation Angle: -45.6°
Horizon Angle: +29.1°
Zoom: 1X
bird mortality 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 / [Incidental]

Date: 8/2/2013 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 worn. Intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727258 UTM E: 684595

Found Near (circle one):

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

Location Details: Power block 1 acc bare ground beneath welding table.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird.

Color/Markings: Drab brown, conical beak

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: 99

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? USFWS law enforcement on 8/2/2013 10:30:00 AM

Actions Taken (e.g., left in place, taken to rehab): Collected by USFWS law enforcement 8/2.

COMMENTS:

Bare ground at 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.

Date & Time: Fri Aug 2 10:52:19 PDT 2013
Position: 11 N 684595 3727259
Altitude: 368ft
Azimuth/Bearing: 359° N01W 6382mils (True)
Elevation Angle: -88.2°
Horizon Angle: +87.1°
Zoom: 1X
bird birdortality p. 1
3 3

Date & Time: Fri Aug 2 10:50:54 PDT 2013
Position: 11 N 684590 3727255
Altitude: 385ft
Azimuth/Bearing: 309° N51W 5493mils (True)
Elevation Angle: -10.3°
Horizon Angle: +02.3°
Zoom: 1X
location bd birdortality p. 1

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: 8/2/2013 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 appeared worn. Intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727285 UTM E: 684645

Found Near (circle one):

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

Location Details: Power block 1.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird.

Color/Markings: Drab brown.

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: 99

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? USFWS law enforcement on 8/2/2013 10:30:00 AM

Actions Taken (e.g., left in place, taken to rehab): Collected by USFWS law enforcement, 8/2.

COMMENTS:

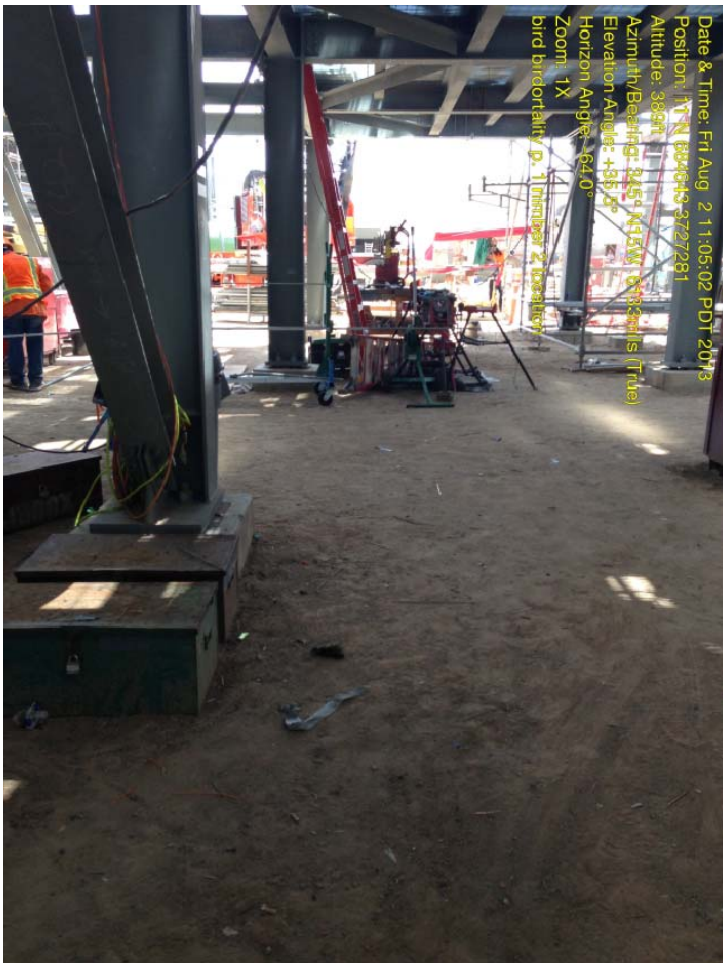
Bare ground at power block.

* 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.

Date & Time: Fri Aug 2 11:03:43 PDT 2013
Position: 11 N 684645 3727285
Altitude: 387ft
Azimuth/Bearing: 018° N18E 0320mils (True)
Elevation Angle: -82.4°
Horizon Angle: +85.2°
Zoom: 1X
bird birdortality p. 1 number 2


Date & Time: Fri Aug 2 11:05:02 PDT 2013
Position: 11 N 684645 3727281
Altitude: 388ft
Azimuth/Bearing: 345° N15W 0384mils (True)
Elevation Angle: +38.3°
Horizon Angle: -64.0°
Zoom: 1X
bird birdortality p. 1 number 2, 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 / [Incidental]

Date: 8/5/2013 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: No eyes carcass in rigor.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726016 UTM E: 686234

Found Near (circle one):

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

Location Details: East of solar panel unit 2 block 4 row 37. On side away from mirrors on bare ground.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Herring Gull

Color/Markings: Gray back, white under-wings.

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: 104

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? USFWS law enforcement on 8/5/2013 1:40:00 PM

Actions Taken (e.g., left in place, taken to rehab): Photographed, left in place. Then received direction to salvage by USFWS law enforcement. Salvaged.

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 Aug 5 15:09:36 PDT 2013
Position: 11 N 686234 3726816
Altitude: 383ft
Azimuth/Bearing: 306° NW/W 5.6knots (True)
Elevation Angle: -89.2°
Horizon Angle: -87.8°
Zoom: 1X
bird mortality unit 2 block 4 row 37

Date & Time: Mon Aug 5 15:10:50 PDT 2013
Position: 11 N 686247 3726823
Altitude: 387ft
Azimuth/Bearing: 110° S/SE 1.956mi/s (True)
Elevation Angle: -86.7°
Horizon Angle: +70.3°
Zoom: 1X
bird mortality unit 2 block 4 row 37

Date & Time: Mon Aug 5 13:12:05 PDT 2013
Position: 11 N 686237 3726819
Altitude: 390ft
Azimuth/Bearing: 101° S79E 1796mils (True)
Elevation Angle: -09.9
Horizon Angle: +02.3°
Zoom: 1X
bird mediaitu unit 2 block 4 row 3 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 / [Incidental]

Date: 8/5/2013 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: No eyes carcass in rigor.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726754 UTM E: 686463

Found Near (circle one):

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

Location Details: On concrete caisson beneath pillar, unit 2 block 2 row 24.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Say's Phoebe

Color/Markings: Brown back, rufous underbelly

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: 104

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? USFWS law enforcement on 8/5/2013 1:40:00 PM

Actions Taken (e.g., left in place, taken to rehab): Photographed, left in place. Then received direction to salvage by USFWS law enforcement. Salvaged.

COMMENTS:

On concrete pillar.

* 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 Aug 5 13:25:53 PDT 2013
Position: 11 N 686466 3726751
Altitude: 398ft
Azimuth/Bearing: 234° S64W 4338mils (True)
Elevation Angle: -39.6°
Horizon Angle: +04.3°
Zoom: 1X
bird mortality unit 2 block 2 row 24

Date & Time: Mon Aug 5 14:55:12 PDT 2013
Position: 11 N 686454 3726756
Altitude: 392ft
Azimuth/Bearing: 192° S12W 3413mils (True)
Elevation Angle: -67.5°
Horizon Angle: +18.5°
Zoom: 1X
bird mortality unit 2 block 2 row 24

Date & Time: Mon Aug 5 12:27:19 PDT 2013
Position: 11 N 656437 3728750
Altitude: 400ft
Azimuth/Bearing: 238° 858W 4198mils (True)
Elevation Angle: -03.2°
Horizon Angle: -07.1°
Zoom: X
bird mortality unit 2 block 2 row 24

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: 8/6/2013 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 intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726337 UTM E: 687068

Found Near (circle one):

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

Location Details: Power block 2 bare ground area 14.

IDENTIFICATION

Bird / [Bat] / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Myotis californicus

Color/Markings: Keeled calcar, pointed narrow tragus, long body fur.

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: 88

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? CDFW on 8/6/2013 12:45:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bat was in box when collected, assessed and determined mortality. Placed in freezer after discussion with CDFW.

COMMENTS:

Power block 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.

Azimuth/Bearing: 188° SSW 3343mils (True)
Elevation Angle: -86.5°
Horizon Angle: +64.2°
Zoom: 1X
bat from location pb2 area 14

Altitude: 401ft
Elevation Angle: +10.2°
Horizon Angle: +58.3°
Zoom: 1X

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: 8/7/2013 Observer: Michael Rathbun

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 and dried, no smell or decomposition, left in place

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727575 UTM E: 685711

Found Near (circle one):

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

Location Details: Unit 1, block 5, tent shaped building

IDENTIFICATION

Bird / [Bat] / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Yuma Myotis

Color/Markings: Greyish fur with some buffy wash

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

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

Identification Remarks: Yuma Myotis- shape of tragus, coloration and hair length, and no keel on calcar lead me to believe it's this species. I was not authorized to move it so I left it in place and could not take helpful measurements.

ENVIRONMENTAL CONDITION

Weather (circle one): [Clear] / Fog / Cloudy / Rain

Approx. Temperature (circle one): [°F] / °C: 87

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? DB on 8/7/2013 10:07:00 AM

Actions Taken (e.g., left in place, taken to rehab): DB notified me to take a picture and get exact location, I sent him information and proceeded to identify and informed DB of ID.

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 / [Incidental]

Date: 8/7/2013 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 carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727244 UTM E: 684557

Found Near (circle one):

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

Location Details: Power block 1 sw corner beneath acc.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

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

Color/Markings: Brown back, rufous throat

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: 97

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? USFWS on 8/7/2013 9:35:00 AM

Actions Taken (e.g., left in place, taken to rehab): Left in place. Followed guidance from USFWS law enforcement. Salvaged and placed in freezer for USFWS collection.

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 Aug 7 11:41:39 PDT 2013
Position: 11 N 684557 3727244
Altitude: 2629ft
Azimuth/Bearing: 344° NNW 611mils (True)
Elevation Angle: -81.1°
Horizon Angle: +40.5°
Zoom: 1X
bird mortality ob 1 sw corner acc

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: 8/7/2013 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: Eyes missing, intact carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726045 UTM E: 687594

Found Near (circle one):

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

Location Details: Unit block 9 row 43, backside of mirrors. Bare ground.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Gull

Color/Markings: Light gray back, white marks at wing tips.

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: 88

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? USFWS law enforcement on 8/7/2013 9:35:00 AM

Actions Taken (e.g., left in place, taken to rehab): Left in place. Followed guidance from USFWS law enforcement. Salvaged and placed in freezer for USFWS collection.

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 Aug 7 09:13:24 PDT 2013
Position: 11 N 687601 3726045
Altitude: 415ft
Azimuth/Bearing: 278° N82W 4942mils (True)
Elevation Angle: +75.7°
Horizon Angle: +30.5°
Zoom: 1X
bird_mortality ubit 2 block 9 row 43

Zoom: 1X
bird_mortality ubit 2 block 9 row 43 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 / [Incidental]

Date: 8/8/2013 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: Unknown carcass age, carcass intact. Brown back visible.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726313 UTM E: 686982

Found Near (circle one):

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

Location Details: Carcass located in fan area of acc pb2. UTMs may be off due to interference. 1st fan fourth row.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Bullock's Oriole

Color/Markings: Brown back, yellow underside.

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: 106

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? USFWS law enforcement on 8/8/2013 3:45:00 PM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement.

COMMENTS:

Located on sheet metal above fans in acc of power block 2. USFWS law enforcement collected 8/9.

* 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 Aug 8 15:12:20 PDT 2013
Position: 11 N 686982 3726313
Altitude: 390ft
Azimuth/Bearing: 332° N28W 5902mils (True)
Elevation Angle: -44.1°
Horizon Angle: +09.3°
Zoom: 1X
bird mortality p. 2 acc

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: 8/8/2013 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: Unknown carcass age, carcass intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726351 UTM E: 686963

Found Near (circle one):

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

Location Details: Carcass located in fan area of acc pb2. UTMs may be off due to interference. 3rd fan.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

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

Color/Markings: Brown back. Appears to have rufous throat.

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: 106

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? USFWS law enforcement on 8/8/2013 3:45:00 PM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement.

COMMENTS:

Located on sheet metal above fans in acc of power block 2. Collected by USFWS law enforcement 8/9.

* 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 Aug 8 15:25:08 PDT 2013
Position: 11 N 686963 3726351
Altitude: 395ft
Azimuth/Bearing: 338° N22W 6009mils (True)
Elevation Angle: -25.2°
Horizon Angle: +08.5°
Zoom: 1X
bird mortality p. 2 acc ne 2 d door third fan 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 / [Incidental]

Date: 8/8/2013 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: Unknown age of remains. Carcass intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726031 UTM E: 686640

Found Near (circle one):

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

Location Details: Beneath mirror array, unit 2, block 4, row 15. Bare ground.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Eared grebe

Color/Markings: Feathered ear, upturned bill.

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: 106

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? USFWS law enforcement on 8/8/2013 3:45:00 PM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement.

COMMENTS:

USFWS law enforcement collected 8/9.

* 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 Aug 8 14:50:39 PDT 2013
Position: 11 N 686633 3726031
Altitude: 407ft
Azimuth/Bearing: 296° N64W 5262mils (True)
Elevation Angle: -57.3°
Horizon Angle: +12.3°
Zoom: 1X
bird mortality unit 2 block 4 row 15
piggly wiggly
8/8/13 1445
Unit 2 Block 4 Row 15
686640 3726031
106°

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: 8/8/2013 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: Unknown carcass age, carcass intact. Some body fluids appeared to be leaking from carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726347 UTM E: 687003

Found Near (circle one):

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

Location Details: Carcass located in fan area of acc pb2. UTMs may be off due to interference. 1st fan second row.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Yellow-headed blackbird

Color/Markings: Yellowish head, black body.

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: 106

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? USFWS law enforcement on 8/8/2013 3:45:00 PM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement.

COMMENTS:

Located on sheet metal above fans in acc of power block 2. Collected by USFWS 8/9.

* 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 Aug 8 15:23:08 PDT 2013
Position: 11 N 687003 3726347
Altitude: 399ft
Azimuth/Bearing: 263° S83W 4676mils (True)
Elevation Angle: -63.5°
Horizon Angle: -57.4°
Zoom: 1X
bird mortality p. 2 acc ne 2 d door first fan

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: 8/9/2013 Observer: Ron Walker

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 completely dried out, back muscles eaten away

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726443 UTM E: 686456

Found Near (circle one):

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

Location Details: Unit 2 block 3 row 24

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Common loon

Color/Markings: Brown back, lighter underneath, whiteish throat colors

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: 105

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? Designated biologist and Ed Nieves of USFWS on 8/9/2013 12:57:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bird collected by Ron Walker, bagged and placed in freezer

COMMENTS:

Common loon found dead at base of mirror, carcass dried out, back muscle tissue missing, maggots, bird bagged and placed in freezer, called Ed Nieves of USFWS

* 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 / [Incidental]

Date: 8/9/2013 Observer: Ron Walker

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 intact 4-5 days old

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726302 UTM E: 686988

Found Near (circle one):

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

Location Details: 4th floor of ACC towers in power block of unit 2

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Bullock's oriole

Color/Markings: Yellow/orange on bottom, medium brown on top, white wing bars

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: 101

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? Designated biologist and Ed Nieves of USFWS on 8/9/2013 8:30:00 AM

Actions Taken (e.g., left in place, taken to rehab): Bird collected by Ed Nieves and Laura Chee of USFWS

COMMENTS:

Bird collected by special agents Ed Nieves and Laura Chee of USFWS, bird was on fourth floor of power block 2 ACC

* 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 / [Incidental]

Date: 8/9/2013 Observer: Ron Walker

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: Tree swallow carcass intact

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727398 UTM E: 684626

Found Near (circle one):

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

Location Details: Unit 1 power block

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

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

Color/Markings: Grey and light buff/brown

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: 98

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? Designated Biologist on 8/9/2013 9:37:00 AM

Actions Taken (e.g., left in place, taken to rehab): Bird retrieved by Ed Nieves of USFWS

COMMENTS:

Bird collected on 8/9 by USFWS agent Ed Nieves

* 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: Fri Aug 9 08:37:37 PDT 2013
Position: 11 ft latitude 3727388
Altitude: 3958
Azimuth/Bearing: 000° NNE 1600mils (True)
Elevation Angle: -44.0°
Horizon Angle: +04.4°
Zoom: 28
unit 1 power black section 3 raven mortality success

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: 8/12/2013 Observer: Ron Walker

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 intact totally desiccated

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725586 UTM E: 686727

Found Near (circle one):

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

Location Details: Unit 2 block 5 row 9/10 section A

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Rough wing swallow

Color/Markings: Tan throat patch white vent feathers

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

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

Identification Remarks: Tan throat patch

ENVIRONMENTAL CONDITION

Weather (circle one): [Clear] / Fog / Cloudy / Rain

Approx. Temperature (circle one): [°F] / °C: 108

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? Ed Nieves and Laura Chee of USFWS on 8/12/2013 4:35:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bird bagged and placed in freezer

COMMENTS:

Bird found in unit 2 block 5 row 9 section A, carcass dried out and intact

* 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 / [Incidental]

Date: 8/13/2013 Observer: Michael Rathbun

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: Body is intact, front and top of head is missing.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727388 UTM E: 685258

Found Near (circle one):

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

Location Details: Unit 1, Block 7, Row 46, within one foot of a foundation.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed Cowbird

Color/Markings: Brown

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

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

Identification Remarks: -

ENVIRONMENTAL CONDITION

Weather (circle one): [Clear] / Fog / Cloudy / Rain

Approx. Temperature (circle one): [°F] / °C: 80

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? I notified DB, he passed along to agencies on 8/13/2013 7:16:00 AM

Actions Taken (e.g., left in place, taken to rehab): Left in place until other actions are approved.

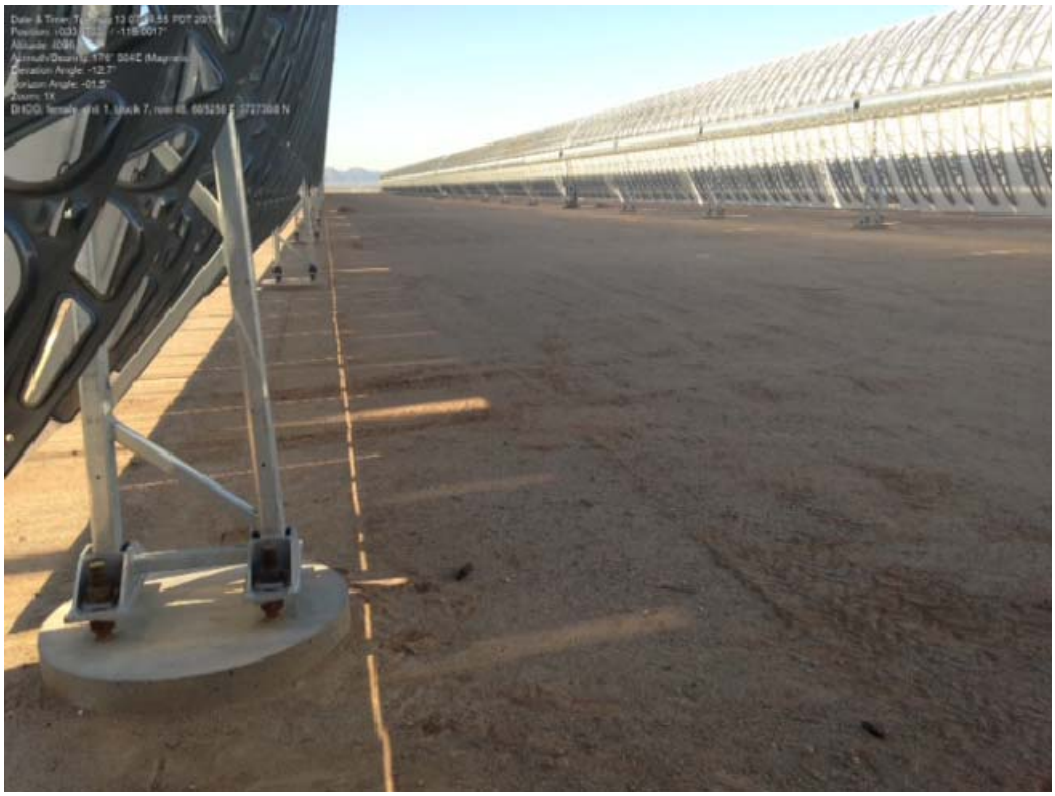
COMMENTS:

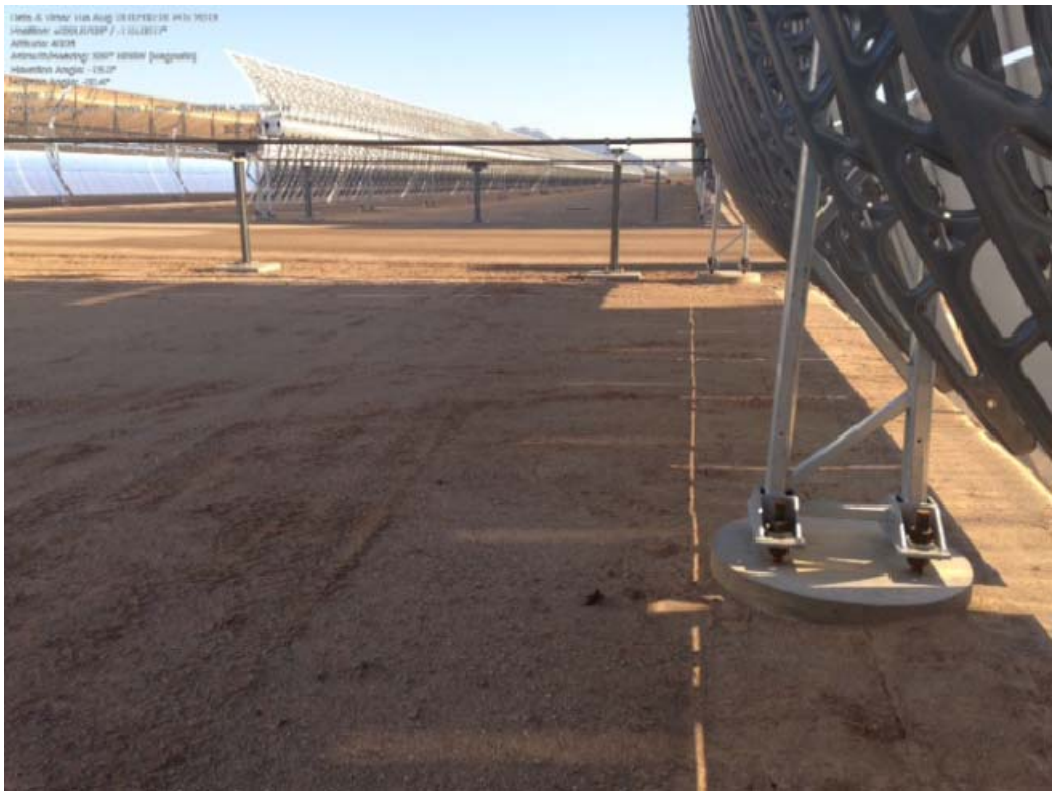
N/A

* 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 / [Incidental]

Date: 8/14/2013 Observer: Ron Walker

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 missing head, rest of body intact

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727403 UTM E: 685266

Found Near (circle one):

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

Location Details: Unit 1 block 7 row 46 by base of mirror support

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird

Color/Markings: Over brownish in color

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? Designated biologist and USFWS on 8/14/2013 2:50:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bird left in place

COMMENTS:

Bird found on ground below mirrors in unit 1 block 7 north end of row 46

* 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 / [Incidental]

Date: 8/14/2013 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: Head not attached. Remaining carcass intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727503 UTM E: 685705

Found Near (circle one):

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

Location Details: Old laydown area south of assembly tent. North rip rap. North of evap pond.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Mourning Dove

Color/Markings: Light breast, greyish back

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: 106

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? USFWS law enforcement on 8/14/2013 4:55:00 PM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement

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 Aug 14 16:39:01 PDT 2013
Position: 11 N 0557[illegible] 3727[illegible]
Altitude: 3099
Azimuth/Bearing: 110° ESE 1[illegible]mils (True)
Elevation Angle: -57.5°
Horizon Angle: +72.1°
Zoom: 1X
bird mortality old laydown near rip rap

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: 8/14/2013 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 carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3728099 UTM E: 685393

Found Near (circle one):

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

Location Details: Inside perimeter fence, north unit 1, north of block 5, west of pedestrian gate approx 40 meters.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Black-headed Grosbeak

Color/Markings: White wing spots orange body large beak.

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: 106

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? USFWS law enforcement on 8/14/2013 4:55:00 PM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement

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 Aug 14 18:45:31 PDT 2013
Position: 11 N 585383 3728080
Altitude: 405ft
Azimuth/Bearing: 152° SSE 2347mils (True)
Elevation Angle: -41.5°
Horizon Angle: +06.8°
Zoom: 1X
bird mortally north unit 1 north block6 ale g fence

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: 8/14/2013 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 intact, some staining on ground beneath carcass, maggots.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726991 UTM E: 685402

Found Near (circle one):

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

Location Details: Bird located in torque tube laydown. Found when torque tubes where removed. Had been beneath torque tubes. Unit 1 block 8.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Common Loon

Color/Markings: Greyish silver beak, brownish back, whitish underbelly

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: 84

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? USFWS law enforcement on 8/14/2013 8:45:00 AM

Actions Taken (e.g., left in place, taken to rehab): Contacted USFWS law enforcement. Guidance to collect and place in freezer. Salvaged and placed in freezer.

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 Aug 14 08:38:14 PDT 2013
Position: 11 N 685403 3726992
Altitude: 394ft
Azimuth/Bearing: 007° N07E 0124mils (True)
Elevation Angle: -66.5°
Horizon Angle: +31.7°
Zoom: 1X
bird mortality, unit 1 block 8 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 / [Incidental]

Date: 8/15/2013 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: Wing outstretched. Some damage to carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727273 UTM E: 684603

Found Near (circle one):

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

Location Details: Power block 1, NE corner of acc

IDENTIFICATION

Bird / [Bat] / Unknown / Other (circle one)

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

Color/Markings: Larger bat with large wings

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: 106

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? CDFW on 8/16/2013 10:10:00 AM

Actions Taken (e.g., left in place, taken to rehab): Per previous instruction bat was salvaged and placed in freezer for CDFW collection. Notification via email of date of collection.

COMMENTS:

Habitat: 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.

Zoom: 1X

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: 8/16/2013 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 carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726851 UTM E: 687081

Found Near (circle one):

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

Location Details: Concrete slab next to ups. Unit 2 block 5 row 13.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Black phoebe

Color/Markings: Black head, long tail

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? USFWS Law Enforcement on 8/16/2013 2:05:00 PM

Actions Taken (e.g., left in place, taken to rehab): Salvaged and placed in freezer at 1420 following consult with USFWS law enforcement.

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: Fri Aug 16 03:09:16 PDT 2013
Position: 11 N 687081 3726861
Altitude: 390ft
Azimuth/Bearing: 134° SSE 2738mils (True)
Elevation Angle: -89.6°
Horizon Angle: +88.7°
Zoom: 1X
bird mortality unit 2 block 5 row 13 at ups

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: 8/18/2013 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 not found. Carcass not salvaged.

LOCATION

DATUM: - UTM N: - UTM E: -

Found Near (circle one):

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

Location Details: Carcass reported with photograph; area described Unit 2, block 5, row 54.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Mourning dove

Color/Markings: Light brown back some spotting

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: 105

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? Discussed with USFWS law enforcement on 8/19/2013 12:00:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bird not found during bio investigation. Informed USFWS law enforcement of missing carcass.

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 / [Incidental]

Date: 8/19/2013 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: Dried intact carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726163 UTM E: 686039

Found Near (circle one):

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

Location Details: North End of solar trough on ground. Unit 2 West, Terrace D row 49.

IDENTIFICATION

Bird / [Bat] / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Unknown

Color/Markings: Larger bat

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: 93

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? CDFW biologist via email on 8/19/2013 3:34:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bat was collected and placed in freezer.

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 Aug 19 11:14:36 PDT 2013
Altitude: 3809
Elevation Angle: -85.1
Horizon Angle: +0e-1
Zoom: 1X

\

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: 8/19/2013 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 on back, on bare ground.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727294 UTM E: 684570

Found Near (circle one):

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

Location Details: Located beneath cable tray north of power block 1 ACC. Bare ground near generator.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

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

Color/Markings: Rufous throat. Swallow beak.

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: 106

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? USFWS Law Enforcement on 8/19/2013 4:12:00 PM

Actions Taken (e.g., left in place, taken to rehab): Following guidance salvaged carcass to preserve remains.

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.

Elevation Angle: -65.0°
Horizon Angle: +13.1°
Zoom: 1X
bird mkrtality p. 1

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: 8/19/2013 Observer: Ron Walker

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 separated into two pieces

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726470 UTM E: 687047

Found Near (circle one):

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

Location Details: Power block 2 northeast corner, on concrete apron under large HTF vessel on north side, up against concrete curb

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

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

Color/Markings: White throat patch, white underbelly, greyish brown back

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: 84

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? Designated biologist and USFWS on 8/19/2013 9:50:00 AM

Actions Taken (e.g., left in place, taken to rehab): Bird left in place

COMMENTS:

Bird left in place, power block 2 northeast corner on concrete apron under large HTF fluid vessel, bird up against concrete apron

* 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 / [Incidental]

Date: 8/19/2013 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 on back, no obvious signs of trauma

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726833 UTM E: 686881

Found Near (circle one):

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

Location Details: Location of carcass near dirt road edge beneath pipe of crossover. Near NE corner on unit 2 block 2.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): To be determined flycatcher.

Color/Markings: Dark green back, whitish front with grey on breast, slight wing bars.

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: 108

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? USFWS law enforcement on 8/20/2013 1:55:00 PM

Actions Taken (e.g., left in place, taken to rehab): Photographed 8/19. Contacted USFWS law enforcement 0900 (first notification). Guidance to salvage to preserve carcass; placed in freezer. 1355 contacted USFWS law enforcement to inform of need to further identify carcass.

COMMENTS:

Located near pipe crossover, piping over road, on 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 Aug 19 17:33:05 PDT 2013
Position: 11 N 686881 3726833
Altitude: 381ft
Azimuth/Bearing: 176° S04E 3129mils (True)
Elevation Angle: -88.6°
Horizon Angle: +82.4°
Zoom: 1X
bird mortality crossover unit 2 ne block 2

Date & Time: Mon Aug 19 17:37:10 PDT 2013
Position: 11 N 686881 3726832
Altitude: 394ft
Azimuth/Bearing: 092° S88E 1636mils (True)
Elevation Angle: -87.7°
Horizon Angle: +69.2°
Zoom: X
bird mortality crossover unit 2 ne block 2
8/19/13 17:35 108°
686881 3726833
NE corner Block 2/crossover
Post-it

Date & Time: Mon Aug 19 17:38:18 PDT 2013
Position: 11 N 686860 3726841
Altitude: 406ft
Elevation Angle: +02.1°
Horizon Angle: -00.6°
Zoom: 1X
bird mortality crossover unit 2 ne block 2 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 / [Incidental]

Date: 8/19/2013 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 carcass, eyes missing

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725594 UTM E: 687432

Found Near (circle one):

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

Location Details: Unit 2 East, Terrace A row 33. Proximate to mirrors.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Mourning Dove

Color/Markings: Spots on back

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: 93

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? USFWS law enforcement on 8/19/2013 9:20:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.

COMMENTS:

Bird located at 1025. Reported by personnel 8/18 to DB.

* 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 Aug 19 10:27:18 PDT 2013
Position: 11 N 687432 3725594
Altitude: 391ft
Azimuth/Bearing: 356° N04W -6329mils (True)
Elevation Angle: -90.0°
Horizon Angle: +89.4°
Zoom: 1X
bird mortality 2E A33.

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: 8/19/2013 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 carcass, wings outstretched.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726170 UTM E: 687047

Found Near (circle one):

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

Location Details: Unit 2 east, Terrace D row 11.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Lesser Nighthawk

Color/Markings: White wing bars

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: 93

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? USFWS law enforcement on 8/19/2013 9:20:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.

COMMENTS:

Bird located at 1050. Reported by personnel 8/18 to DB.

* 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 Aug 19 10:55:39 PDT 2013
Position: 11 N 597047 3758170
Altitude: 3951ft
Azimuth/Bearing: 139° SSE 2283mils (true)
Elevation Angle: -07.1°
Horizon Angle: +32.5°
Zoom: 1X
Bird: Hornaby SE Dr1

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: 8/19/2013 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 carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726482 UTM E: 687381

Found Near (circle one):

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

Location Details: Unit 2 East, Terrace F row 31.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Sora

Color/Markings: White chin

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: 97

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? USFWS law enforcement on 8/19/2013 9:20:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.

COMMENTS:

Bird located at 1145. Reported by personnel 8/17 to DB.

* 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 Aug 19 11:47:37 PDT 2013
Position: 11 N 587381 3726442
Altitude: 393ft
Azimuth/Bearing: 136° 8245 2773mils (True)
Elevation Angle: -67.4°
Horizon Angle: +67.9°
Zoom: 1X
Bird mortality 2E-F 31

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: 8/19/2013 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 carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726151 UTM E: 686026

Found Near (circle one):

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

Location Details: Unit 2 West, Terrace D row 49.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Tree Swallow

Color/Markings: White chin

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: 93

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? USFWS law enforcement on 8/19/2013 9:20:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement notified of bird mortalities in morning prior to investigating. Photos sent to USFWS law enforcement as follow-up at approximately 1500. Bird left in place.

COMMENTS:

Bird located at 1105. Reported by personnel 8/18 to DB.

* 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 Aug 19 11:06:16 PDT 2013
Position: 11 N 686026 3726451
Altitude: 381ft
Azimuth Bearing: 004° N34E 060Mils True
Elevation Angle: -52.2°
Horizon Angle: +34.5°
Zoom: 1X
Bird mortality 2 W D49

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: 8/20/2013 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: Blue wings visible. Intact carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727671 UTM E: 685518

Found Near (circle one):

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

Location Details: Bird located on west side of mirrors approximately 3 to 4 feet.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Blue-winged Teal

Color/Markings: Blue-wings, duck bill

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: 91

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? USFWS law enforcement on 8/20/2013 11:13:00 AM

Actions Taken (e.g., left in place, taken to rehab): Guidance given to salvage and place in freezer to preserve remains for necropsy.

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 Aug 28 10:27:05 PDT 2018
Position: 11 N 585518 3727971
Altitude: 3669
Azimuth/Bearing: 189° SSW 3253mils (True)
Elevation Angle: -52.5°
Horizon Angle: +12.5°
Zoom: 1X
bird mortality unit-1 block8 row61

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: 8/20/2013 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: Bird gasping, beak open, wings slightly open. Did not move or flush when approached. Dirty feathers.

LOCATION

DATUM: - UTM N: - UTM E: -

Found Near (circle one):

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

Location Details: Power block 2. Containment slab area 19.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird.

Color/Markings: Finch like beak

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: 104

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? USFWS law enforcement on 8/20/2013 1:00:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bird brought to Rehabilitation.

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.

Smart & Final
Warehouse Prices. Bi
& Small Sizes!
MEMORIAL
$1.79
$2.99

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: 8/20/2013 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: Damaged and rotting in containment structure.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726292 UTM E: 687027

Found Near (circle one):

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

Location Details: Power block 2 east side within containment of vessel.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Unknown possible brown-headed cowbird

Color/Markings: Drab brown with finch like beak.

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? USFWS law enforcement on 8/21/2013 11:35:00 AM

Actions Taken (e.g., left in place, taken to rehab): Carcass salvaged and placed in freezer following USFWS law enforcement guidance.

COMMENTS:

Containment and vessel were removed prior to salvage. Carcass located in cleaning debris 8/21.

* 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 Aug 20 12:46:24 PDT 2013
Position: 11 N 687027 3786292
Altitude: 401ft
Azimuth/Bearing: 278° N82W 4948mils (True)
Elevation Angle: -83.3°
Horizon Angle: +48.0°
Zoom: 1X
bird mortality acc containment

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: 8/20/2013 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 on resting breast side, carcass beginning to decay, ants on carcass. Neck skeleton visible. Some feathers and head unattached.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726330 UTM E: 686933

Found Near (circle one):

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

Location Details: Power block 2, NW corner of ACC on ground next to pallet.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Mourning Dove

Color/Markings: Spots on back, buff underside.

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: 94

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? USFWS law enforcement on 8/20/2013 9:00:00 AM

Actions Taken (e.g., left in place, taken to rehab): Following USFWS guidance, salvaged and placed in freezer.

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 Aug 20 08:43:20 PDT 2013
Position: 11 N 686933 3726330
Altitude: 381ft
Azimuth/Bearing: 017° N17E 0302mils (True)
Elevation Angle: -46.7°
Horizon Angle: -10.2°
Zoom: 1X
bird mortality pb2.acc

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: 8/20/2013 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: Unknown carcass age. Carcass water saturated in evap pond.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727371 UTM E: 685760

Found Near (circle one):

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

Location Details: Bird mostly submerged within south evaporation pond.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Possible Sora

Color/Markings: Large feet, other sora found previously.

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? USFWS law enforcement on 8/20/2013 11:13:00 AM

Actions Taken (e.g., left in place, taken to rehab): Removed from pond and placed in freezer.

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 Aug 20 11:29:09 PDT 2013
Position: 11 N 685760 3727371
Altitude: 387ft
Azimuth: -108° -1920mils
Elevation Angle: +09.5°
Horizon Angle: +79.2°
Zoom: 1X
bird mortality south 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 / [Incidental]

Date: 8/20/2013 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 on breast side, intact carcass.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726367 UTM E: 687011

Found Near (circle one):

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

Location Details: Power block 2 area 23. Near scaffolding.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Tree Swallow

Color/Markings: Dark back, white breast side.

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: 94

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? USFWS law enforcement on 8/20/2013 9:00:00 AM

Actions Taken (e.g., left in place, taken to rehab): Following USFWS guidance, salvaged and placed in freezer.

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 Aug 20 08:51:24 PDT 2013
Position: 11 N 687011 3726367
Altitude: 399ft
Azimuth/Bearing: 125° S55E 2222mils (True)
Elevation Angle: -85.0°
Horizon Angle: +70.5°
Zoom: 1X
bird mortality pb2 area 23

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: 8/20/2013 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: Lying on breast, carcass intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727454 UTM E: 685510

Found Near (circle one):

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

Location Details: Bird located on west side of mirrors approximately 3 feet.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

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

Color/Markings: White breast, small spot on breast

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: 91

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? USFWS law enforcement on 8/20/2013 11:13:00 AM

Actions Taken (e.g., left in place, taken to rehab): Guidance given to salvage and place in freezer to preserve remains for necropsy.

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 Aug 20 10:41:10 PDT 2013
Position: 11 S 0[illegible]
Altitude: 2951ft
Azimuth: +177° +/-[illegible]m
Elevation Angle: +[illegible]°
Horizon Angle: +[illegible]°
Zoom: 1x
bird mortality (adult) tracks nest1

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: 8/21/2013 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 carcass (Carcass 7)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726980 UTM E: 685518

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Yellow-headed blackbird

Color/Markings: Yellow throat and breast

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 Aug 21 16:35:08 PDT 2013
Position: 11 N 688618 3776990
Altitude: 392ft
Azimuth Bearing: 320° N40W (288mils (True)
Elevation Angle: -20.3°
Horizon Angle: +24.9°
Zoom: 1X
bird 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 / [Incidental]

Date: 8/21/2013 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 appears aged (Carcass number 1)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727030 UTM E: 685603

Found Near (circle one):

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

Location Details: Bird located in area where laydown area had been removed. North of assembly building, west of common area.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed Cowbird.

Color/Markings: Drab brown. Finch like beak.

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: 108

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement. Collected by USFWS 8/22/13.

COMMENTS:

Bird found on bare ground in area where a rack laydown had been removed.

* 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 Aug 21 16:08:17 PDT 2013
Position: 11 N 685603 3727030
Altitude: 387ft
Azimuth/Bearing: 312° N48W 5547mils (True)
Elevation Angle: 63.5
Horizon Angle: +19.5
Zoom: 1X
bird mortality
1061
CANTILEVE

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: 8/21/2013 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: Flattened carcass very worn and aged. In location of past laydown unit 1 block 8 (Carcass 4).

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726988 UTM E: 685536

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird

Color/Markings: Finch like dark beak

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 Aug 21 16:32:09 PDT 2013
Position: 11 N 683538 3726984
Altitude: 3929
Azimuth/Bearing: 353° NOTW 6278mils (True)
Elevation Angle: -06.4°
Horizon Angle: -06.7°
Zoom: 1X
bird 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 / [Incidental]

Date: 8/21/2013 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: Lying on side, intact carcass (Carcass 12)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726982 UTM E: 685522

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Bullocks oriole

Color/Markings: Light yellow head and breast

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 / [Incidental]

Date: 8/21/2013 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 carcass (Carcass 6)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726982 UTM E: 685521

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Bullocks Oriole

Color/Markings: Yellow throat and breast

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 Aug 21 16:06:11 PDT 2013
Position: 11 N 593521 3126982
Altitude: 3648
Azimuth Bearing: 268° 268W 4764mils (True)
Elevation Angle: +03.8
Horizon Angle: +58.9
Zoom: 1X
Lod metallic

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: 8/21/2013 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 appears aged (Carcass number 2)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727028 UTM E: 685594

Found Near (circle one):

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

Location Details: Bird located in area where laydown area had been removed. North of assembly building, west of common area.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Bunting species. Lazul?

Color/Markings: Blue throat, cinnamon breast.

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: 108

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement. Collected by USFWS 8/22/13.

COMMENTS:

Bird found on bare ground in area where a rack laydown had been removed.

* 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 Aug 21 10:25:04 PDT 2019
Position: 11 N 643594 3727938
Altitude: 2078
Azimuth/Bearing: 198° 3189 mils (True)
Elevation Angle: -14.0°
Horizon Angle: +28.3°
Zoom: 1X
bird 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 / [Incidental]

Date: 8/21/2013 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 appears aged (Carcass number 3). Second bunting in same area about 2 meters east of 685594 3727028. No photo.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727028 UTM E: 685594

Found Near (circle one):

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

Location Details: Bird located in area where laydown area had been removed. North of assembly building, west of common area.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Bunting species. Lazul?

Color/Markings: Blue throat, cinnamon breast.

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: 108

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Left in place for collection by USFWS law enforcement. Collected by USFWS 8/22/13.

COMMENTS:

Bird found on bare ground in area where a rack laydown had been removed.

* 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 / [Incidental]

Date: 8/21/2013 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 carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726339 UTM E: 686975

Found Near (circle one):

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

Location Details: Power block 2 beneath water wagon on bare ground.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird

Color/Markings: Drab brown with finch like beak.

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? USFWS law enforcement on 8/21/2013 11:35:00 AM

Actions Taken (e.g., left in place, taken to rehab): Carcass salvaged and placed in freezer following USFWS law enforcement guidance.

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 Aug 21 12:00:49 PDT 2013
Position: 11 N 686956 3726343
Altitude: 382ft
Azimuth/Bearing: 004° N04E 0071mils (True)
Elevation Angle: -31.7°
Horizon Angle: +22.6°
Zoom: 1X
bird mortlity acc 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: 8/21/2013 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 carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726349 UTM E: 687003

Found Near (circle one):

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

Location Details: Power block 2 beneath area 22 pipe rack, north of ACC on bare ground. 2 birds same location. 1 of 2.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird

Color/Markings: Drab brown with finch like beak.

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? USFWS law enforcement on 8/21/2013 11:35:00 AM

Actions Taken (e.g., left in place, taken to rehab): Carcass salvaged and placed in freezer following USFWS law enforcement guidance.

COMMENTS:

Two birds same location 1 of 2.

* 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 Aug 21 12:06:05 PDT 2013
Position: 11 N 687003 3726349
Altitude: 393ft
Azimuth/Bearing: 250° S70W 4444mils (True)
Elevation Angle: -89.1
Horizon Angle: 180.5
Zoom: 1X
Bird mortlity p 2 areA 22 north of acc

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: 8/21/2013 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 carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726349 UTM E: 687003

Found Near (circle one):

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

Location Details: Power block 2 beneath area 22 pipe rack, north of ACC on bare ground. 2 birds same location. 2 of 2.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Brown-headed cowbird

Color/Markings: Drab brown with finch like beak.

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? USFWS law enforcement on 8/21/2013 11:35:00 AM

Actions Taken (e.g., left in place, taken to rehab): Carcass salvaged and placed in freezer following USFWS law enforcement guidance.

COMMENTS:

Two birds same location 2 of 2.

* 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 Aug 21 12:06:05 PDT 2013
Position: 11 N 687003 3726349
Altitude: 393ft
Azimuth/Bearing: 250° S70W 4444mils (True)
Elevation Angle: -89.1
Horizon Angle: 180.5
Zoom: 1X
Bird mortlity p 2 areA 22 north of acc

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: 8/21/2013 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: Bird laying on breast, slightly outstretched wings, beak gaped. Per personnel, bird flew into area of construction and walked beneath ladder. Bird did not move when approached.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727709 UTM E: 684818

Found Near (circle one):

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

Location Details: In area of pipe welding between solar troughs. Bird beneath ladder.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Gull ring billed?

Color/Markings: Black ring at beak. White underside, grey back.

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: 94

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? USFWS on 8/21/2013 9:24:00 AM

Actions Taken (e.g., left in place, taken to rehab): Bird brought to rehabilitation center.

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 Aug 21 07:36:24 PDT 2013
Position: 11 N 654818 3727703
Altitude: 405ft
Azimuth/Bearing: 028° NNE 0516mils (True)
Elevation Angle: -31.8°
Horizon Angle: 00.4°
Zoom: 1X
Injured rird

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: 8/21/2013 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: Flattened brown carcass (Carcass 10)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726977 UTM E: 685527

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Passerine species

Color/Markings: Brown feathers

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 Aug 21 10:37:08 PDT 2013
Position: 11 N 685527 3728977
Altitude: 3618
Azimuth/Bearing: 024° N24E 0427mils True
Elevation Angle: +47.7
Horizon Angle: +32.6
Zoom: 1X
bird 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 / [Incidental]

Date: 8/21/2013 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: Flattened brown carcass (Carcass 11)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726976 UTM E: 685527

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Passerine species

Color/Markings: Brown feathers

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 Aug 21 16:36:10 PDT 2013
Position: 11 N 685527 3726978
Altitude: 390ft
Azimuth/Bearing: 348° N12W, 6187mils (True)
Elevation Angle: -89.3°
Horizon Angle: +87.2°
Zoom: 1X
bird 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 / [Incidental]

Date: 8/21/2013 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: Disarticulated into three parts (Carcass 5).

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727008 UTM E: 685523

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Passerine species

Color/Markings: Brown feathers

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 Aug 21 16:33:02 PDT 2015
Position: 11 N 683523 3727098
Altitude: 395ft
Azimuth/Bearing: 298° N62W 5298mils (True)
Elevation Angle: -73.5°
Horizon Angle: +36.5°
Zoom: 1X
bird 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 / [Incidental]

Date: 8/21/2013 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: Dismembered carcass. Some yellow along sides. Long tail (Carcass 9).

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726976 UTM E: 685526

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Passerine species

Color/Markings: Dismembered carcass. Some yellow along sides. Long tail

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

Mortality collected by USFWS law enforcement 8/22.

* 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 Aug 21 16:07:58 CDT 2013
Position: 11 N 585526 3726376
Altitude: 3514'
Azimuth/Bearing: 030° NNE 0025mils (True)
Elevation Angle: -74.2°
Horizon Angle: +28.5°
Zoom: 1X
bird 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 / [Incidental]

Date: 8/21/2013 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: Partial carcass remains (Carcass 14)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725695 UTM E: 687190

Found Near (circle one):

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

Location Details: Unit 2 block 10 row 19. Approximately 10 feet west of mirrors.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Unknown

Color/Markings: Possible dove species

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: 94

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? USFWS law enforcement on 8/22/2013 8:15:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement collected 8/22.

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 Aug 21 17:50:30 PDT 2013
Position: 11 N 687190 3725899
Altitude: 3839
Azimuth/Bearing: 049° NEOE 071mils (Fine)
Elevation Angle: -64.3
Horizon Angle: -08.5
Zoom: 1X
Bird mortality unit east terrace Arrow 19

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: 8/21/2013 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: Partial carcass remains (Carcass 15)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725741 UTM E: 687189

Found Near (circle one):

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

Location Details: Unit 2 block 10 row 19. Approximately 10 feet west of mirrors.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Unknown

Color/Markings: May be the second part of a proximate carcass.

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: 94

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? USFWS law enforcement on 8/22/2013 8:15:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement collected 8/22.

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 Aug 21 17:53:49 PDT 2013
Position: 11 N 687389 3735741
Altitude: 3969ft
Azimuth/Bearing: 096° S84E 1797mils (True)
Elevation Angle: -89.7°
Horizon Angle: +87.9°
Zoom: 1X
bird mortality unit east terrace A row 19 same bird body part

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: 8/21/2013 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 8)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726980 UTM E: 685518

Found Near (circle one):

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

Location Details: Recently removed laydown location unit 1 block 8. 8 other bird mortalities in proximate location (within approximately 20 meters).

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Unknown

Color/Markings: Photo did not record.

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: 109

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? USFWS law enforcement on 8/21/2013 11:33:00 AM

Actions Taken (e.g., left in place, taken to rehab): Habitat: bare ground beneath former laydown.

COMMENTS:

No photo. Form completed to record mortality. Mortality collected by USFWS law enforcement 8/22.

* 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 / [Incidental]

Date: 8/22/2013 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 carcass, breast side down, wings outspread (Carcass 13)

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727406 UTM E: 683956

Found Near (circle one):

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

Location Details: Dirt road between blocks 2 and 3 unit 1, near wooden crate.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Passerine species

Color/Markings: Sparrow type beak

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: 94

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? USFWS law enforcement on 8/22/2013 8:15:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement collected 8/22.

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.

Azimuth/Bearing: 325° NSW 5778mils (True)
Elevation Angle: -41.1°
Horizon Angle: +11.5°
Zoom: 1X
13
13

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: 8/23/2013 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 on side, left stain when collected - rain the night before.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725573 UTM E: 686054

Found Near (circle one):

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

Location Details: Unit 2 block 5 row 49. About 15' east from array.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Eared Grebe

Color/Markings: Golden type ear tufts, grebe beak

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? USFWS law enforcement on 8/23/2013 3:02:00 PM

Actions Taken (e.g., left in place, taken to rehab): Contacted USFWS law enforcement and followed guidance to salvage and place in freezer.

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: Fri Aug 23 14:53:54 PDT 2013
Position: 11 N 686054 3725573
Altitude: 396ft
Azimuth/Bearing: 331° N29W 5884mils (True)
Elevation Angle: -83.7°
Horizon Angle: +73.6°
Zoom: 1X
bird mortity unit 2 blkck 5 row 49

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: 8/23/2013 Observer: Ron Walker

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: Breast muscles scavenged

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725537 UTM E: 687339

Found Near (circle one):

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

Location Details: Unit 2 eastern portion of southern drainage channel, middle of channel

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Ring-billed gull

Color/Markings: Overall white with black wing tips

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: 106

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? Designated biologist and USFWS on 8/23/2013 2:23:00 PM

Actions Taken (e.g., left in place, taken to rehab): Bird collected at 1515 and placed in freezer

COMMENTS:

Ring-billed gull in unit 2 southern drainage channel, eastern portion, middle of channel. USFWS contacted and advised to collect bird and place 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.

8/29/13
#687339 # 3729537
UNIT 2, EASTERN PORTION AND
SOUTH BRIDGEBAR CANYONS
RAM WALKER
USFWS CONTACT: 8/31 @ 1430
SALVAGED 8/31 @ 1515
FULL-BULLED MALE

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: 8/26/2013 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 carcass water saturated due to rain.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727735 UTM E: 683413

Found Near (circle one):

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

Location Details: Dirt road west of SW corner block 1 unit 1.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Hermit Warbler

Color/Markings: Yellow and black head, dark back and light underside.

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: 77

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? USFWS law enforcement on 8/26/2013 10:20:00 AM

Actions Taken (e.g., left in place, taken to rehab): Guidance given by USFWS law enforcement to salvage and place in freezer to preserve carcass.

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 Aug 16 10:04:38 PDT 2010
Position: 11 N 6834*E 4727*N
Altitude: 1719'
Azimuth/Bearing: 288° N72W 5*20mils (True)
Elevation Angle: -66.1°
Horizon Angle: +15.4°
Zoom: 1X
bird,mortality unit black sw corner

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: 8/28/2013 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 appears weathered.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726257 UTM E: 686814

Found Near (circle one):

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

Location Details: Graded ground, unit 2 block 3; between rows 3 and 4 mirrors.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Lesser Nighthawk

Color/Markings: Brown black pattern on back.

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

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

Identification Remarks: Cannot see feet

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / [Cloudy] / Rain

Approx. Temperature (circle one): [°F] / °C: 99

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? USFWS Law Enforcement. Left message on 8/28/2013 12:01:00 PM

Actions Taken (e.g., left in place, taken to rehab): Left in place.

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 / [Incidental]

Date: 8/28/2013 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 appears partial; some bones visible.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726297 UTM E: 686816

Found Near (circle one):

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

Location Details: Unit 2 block 3 row 3 beneath mirrors.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Unknown songbird.

Color/Markings: Brown feathers possible white 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: 99

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? USFWS Law Enforcement. Left message. on 8/28/2013 11:20:00 AM

Actions Taken (e.g., left in place, taken to rehab): Left in place.

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 Aug 28 11:16:37 PDT 2013
Position: 11 N 686816 3726297
Altitude: 383ft
Azimuth/Bearing: 156° S24E 2773mils (True)
Elevation Angle: -85.8°
Horizon Angle: +55.7°
Zoom: 1X
bird mortality unit 2 block 3 row 3

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: 8/30/2013 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 carcass

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726601 UTM E: 686512

Found Near (circle one):

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

Location Details: Bare ground beneath solar array. Unit 2, block 2, row 21.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): American Kestrel

Color/Markings: Brown back with some black banding

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: 95

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? USFWS Law Enforcement on 8/30/2013 1:44:00 PM

Actions Taken (e.g., left in place, taken to rehab): Salvaged and placed in freezer per USFWS law enforcement guidance.

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: Fri Aug 30 13:30:16 PDT 2013
Position: 11 N 686312 3729497
Altitude: 3278
Azimuth/Bearing: 288° WSW, 1296mils (True)
Elevation Angle: -41.4°
Horizon Angle: +91.1°
Zoom: 18
Bird mortality unit 2 block 5 row 21

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: 8/30/2013 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 carcass, on back.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727321 UTM E: 684652

Found Near (circle one):

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

Location Details: Power block 1 area 19.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Unknown songbird (chipping sparrow?)

Color/Markings: Rufous cap, long tail

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: 90

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? USFWS Law Enforcement on 8/30/2013 8:00:00 AM

Actions Taken (e.g., left in place, taken to rehab): USFWS law enforcement salvaged.

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: Fri Aug 30 08:23:03 PDT 2013
Position: 11 N 684652 3727321
Altitude: 408ft
Azimuth/Bearing: 005° N05E 0089mils (True)
Elevation Angle: -79.4°
Horizon Angle: +53.2°
Zoom: 1X
Bird mortality pb 1

Clearance Survey Document

Genesis Solar Energy Project – Preconstruction Survey Report Transmission Line, Natural Gas Pipeline and Access Road Completion July 2013 to August 2013

Introduction

Genesis Solar Energy Project (GSEP) constructed linear facilities within the utility corridor outside the temporary desert tortoise fence including: the generation tie-in transmission line (gen-tie line), the natural gas pipeline, and the plant access road. These areas were cleared between November 2012 and May 2013. However, the California Energy Commission (CEC) Conditions of Certification (COC) require that biological clearance surveys be repeated in previously cleared areas that have been inactive for 30 or more days for wildlife species including: nesting birds (results and mitigation measures reported under a different cover), desert tortoise (*Gopherus agassizii*; DT), desert kit fox (*Vulpes macrotis*; DKF), American badger (*Taxidea taxus*; AB), and western burrowing owl (*Athene cunicularia*; WBO). This report includes the methodology and results of pre-construction surveys conducted for these species between July 2013 and August 2013.

Work Description

Generation Tie Transmission Line

The gen-tie line is approximately 12 miles long. The line runs southeast from the plant site adjacent to and south of the main access road to Wiley's Well Rest Area (poles 22 to 54 in Figure 1a), continues south from Wiley's Well Rest Area (poles 54 to 63, Figures 1a and 1b) across Interstate 10 (I-10) and ties into the east/west Blythe Energy Project transmission line (BEPTL), where the gen-tie line uses the existing pole structures of the BEPTL to interconnect with SCE's Colorado River Substation (CRS) to the east (poles 113/63 to 86, Figure 1b, hereafter referred to as the BEPTL line). Near the CRS, four monopole transmission line structures and two tri-pole transmission line structures were constructed from the BEPTL line south to the CRS (near the Substation in Figure 1b, Poles are A through F). During July and August, maintenance work in areas that had been inactive for 30 or more days was conducted at poles 44, 58, 63, B, C, and F.

Natural Gas Pipeline

Outside the plant site, the natural gas pipeline was installed from pole 48 to 54, turned south and terminated on the north side of I-10 near pole 56. The area of disturbance for the natural gas pipeline north of I-10 was contained within the gen-tie line access road. During July, work on the natural gas pipeline was conducted in the gen-tie line corridor between poles 48 and 56 (Figure 1a).

Plant Access Road

Outside of the plant site, an approximately 4.5 mile plant access road runs from Wiley's Well rest stop northwest to the plant site main gate. Between the Wiley's Well rest stop and a security gate and guard shack just to the northwest, an approximately 900 foot section of plant access road was left unpaved. This stretch of road was paved during the second week of July (Figure 1a).

Methodology

Project biologists Eric German (Designated Biologist; DB) and approved Biological Monitors (BM) Michael Rathbun, Ron Walker and David Charlton conducted preconstruction clearance surveys within the disturbance areas and associated buffers between July 2 and August 29, 2013.

Pre-construction wildlife surveys were conducted prior to the initiation of construction activities in accordance with the relevant Conditions of Certification (COCs) and applicable plans. Sign and observations of desert tortoise (DT), American badger (AB), western burrowing owl (WBO), desert kit fox (DKF) and nesting birds were recorded. Incidental wildlife observations were also noted and are included in the attached Table. Specific survey requirements and methodologies are summarized below.

Nesting Bird Surveys (BIO-8)

The methodology for conducting nesting bird surveys was submitted to the Compliance Program Manager (CPM) and the California Department of Fish and Wildlife (CDFW) under separate cover for approval prior to initiation of field surveys in February 2013. Nesting bird surveys were not conducted during clearance efforts conducted after the end of nesting bird season on July 31, 2013.

Desert Tortoise (DT) Clearance Surveys (BIO-9 and U.S Fish and Wildlife Service Biological Opinion)

Construction activities for the above described linear facilities occurred outside the plant site temporary DT fence. DT clearance surveys were conducted consistent with COC BIO-9. Because no DT fence was installed for linear facilities construction, DT clearance surveys were conducted within 24 hours prior to construction and BMs were present during construction activities. Clearance surveys for DT along linear facilities can be conducted during any season.

DT clearance surveys included 100-percent coverage of all disturbance areas with an additional transect 5 meters out on both sides of the disturbance area. Transects were no greater than 5 meters (15 feet) apart. All DT burrows and burrows that may be used by DT within the disturbance area were examined to assess occupancy. All burrows with the potential to support DT were recorded during this survey effort with Global Positioning System (GPS) units and data was collected regarding the burrow suitability.

In addition to DT clearance surveys within 24 hours prior to construction, any potential DT burrows were assessed during pre-construction surveys for other species described in this report and the location of these burrows were recorded during those surveys. No potential DT burrows outside of the disturbance area were scoped, collapsed or probed.

American Badger and Desert Kit Fox Mitigation and Monitoring Plan (BIO-17)

Pre-construction surveys for DKF and AB were conducted within the utility corridor and in a 100 foot buffer on both sides of the disturbance area per conditions of the *American Badger and Desert Kit Fox Monitoring and Management Plan*. DB/BMs surveyed within the disturbance area and buffer by walking transects spaced no further than 20 meters apart. All burrows with the potential to support AB or DFK

were recorded during this survey effort with GPS units and data was collected regarding the burrow suitability. Where possible during this effort, dens suitable for AB and DKF were classified as inactive, potentially active, definitely active non-natal, or definitely active natal dens. If further investigation was required, dens were monitored using tracking medium or wildlife cameras to determine the status of the dens. DKF and AB burrow suitability and use was also assessed during the WBO surveys out to 500 feet (see below). DKF findings are routinely reported to the agencies as part of assisting the CDFW with their DKF study.

Burrowing Owl (WBO) Pre-construction Surveys (BIO-18)

A 100-percent visual coverage transect survey (spaced no greater than 20 meters apart) for WBO was conducted within the disturbance area and 500-foot buffer. All burrows with the potential to support WBO were recorded during this survey effort with GPS units and data was collected regarding the burrow suitability. All burrows with the potential to support WBO were surveyed at dawn/dusk no more than 30 days prior to the initiation of construction by the DB or BMs. Surveys were focused exclusively on detecting WBO and were conducted from two hours before sunset until civil twilight and from one hour before sunrise to two hours after.

Results

No occurrences of DT, AB, DKF, WBO or nesting birds were recorded during any preconstruction clearance surveys covered in this report.

Tables

Genesis Solar – Clearance Survey Summary Report (Part 1 of 3)

Data Recording Surveyor	Additional Surveyors	Date	Start Time	End Time	Start Temp. (°F)	End Temp. (°F)	Start Wind Speed (mph)	End Wind Speed (mph)	Start Precipitation	End Precipitation	Start Cloud Cover	End Cloud Cover
Ron Walker	Eric German	7/2/2013	12:35:00 PM	3:15:00 PM	104	106	4	4	None	None	55%	30%
Ron Walker	Eric German	7/3/2013	11:35:00 AM	3:30:00 PM	105	111	4	4	None	None	10%	15%
Eric German	Ron Walker	7/8/2013	2:15:00 PM	3:00:00 PM	115	115	2	2	None	None	0%	0%
Ron Walker	Ron Walker, Eric German	7/8/2013	3:00:00 PM	4:00:00 PM	115	120	2	2	None	None	0%	0%
Ron Walker	Mike Rathburn	7/10/2013	2:45:00 PM	4:14:00 PM	105	103	5	4	None	None	65%	60%
Michael Rathbun	Eric German	7/11/2013	9:20:00 AM	11:00:00 AM	82	86	1	1	None	None	90%	90%
David Charlton	-	7/26/2013	12:14:00 PM	3:19:00 PM	100	100	0	0	None	None	15%	15%
David Charlton	-	8/20/2013	3:00:00 PM	4:30:00 PM	100	101	1	1	None	None	20%	15%
David Charlton	-	8/29/2013	1:00:00 PM	3:08:00 PM	98	99	0	0	None	None	0%	10%

Genesis Solar – Clearance Survey Summary Report (Part 2 of 3)

Data Recording Surveyor	Date	Obs. Time	Obs. Point Code	Obs. Type	UTM Easting	UTM Northing	Datum	Species	Burrow Complex?	Burrow HxWxD (in.)	DT Suitability and Status	DT Sign	DT Sign Class	WBO Suitability and Status	WBO Sign	AB Suitability and Status	AB Sign	DKF Suitability and Status	DKF Sign	Nest Suitability and Status	Nest Sign
Ron Walker	7/2/2013	12:35:00 PM	None	-	-	-	-	None	NO	N/A	Suitable	None	N/A	Suitable	None	Suitable	None	Suitable	None	N/A	None
Ron Walker	7/3/2013	11:35:00 AM	-	-	-	695123	3721405	None	NO	N/A	Suitable	None	N/A	Suitable	None	Suitable	None	Suitable	None	N/A	None
Eric German	7/8/2013	2:41:00 PM	GMACG003	Burrow	UTM Z11 NAD83 (m)	687946	3726094	None	NO	6x8x?	Suitable	N/A, None	N/A	Suitable	N/A, None	Suitable	None	Suitable	None	N/A	N/A
Ron Walker	7/10/2013	3:31:00 PM	-	-	UTM Z11 NAD83 (m)	694662	3721030	None	NO	N/A	Suitable	None	N/A	Suitable	None	Suitable	None	Suitable	None	N/A	N/A
Michael Rathbun	7/11/2013	10:59:00 AM	-	Other (define)	-	-	-	None	NO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
David Charlton	7/26/2013	3:18:00 PM	-	-	-	-	-	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
David Charlton	8/20/2013	4:29:00 PM	-	-	-	-	-	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
David Charlton	8/29/2013	3:07:00 PM	-	-	-	-	-	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Genesis Solar – Clearance Survey Summary Report (Part 3 of 3)

Data Recording Surveyor	Date	Obs. Time	Obs. Point Code	Obs. Type	UTM Easting	UTM Northing	Datum	Species	Other Species (define species here)	Other Species Observation or Suitability and Status	Other Species Observation Sign	Observation Notes
Ron Walker	7/2/2013	12:35:00 PM	None	-	-	-	-	None	N/A	N/A	N/A	For gasline installation, finished surveys for AB, DKF and BUOW at Structure 59 on south side of I-10
Ron Walker	7/3/2013	11:35:00 AM	-	-	-	695123	3721405	None	Mourning doves	Suitable	Observation of 5 mourning doves	During avian surveys 5 mourning doves were observed flying by, it appeared 1 dove was flushed early from a shrub that was close to survey transect and it flew away, all doves flew away none alighted.
Eric German	7/8/2013	2:41:00 PM	GMACG003	Burrow	UTM Z11 NAD83 (m)	687946	3726094	None	N/A	N/A	Round tail ground squirrel.	Bird surveys east of permanent bridge for road widening. Additional surveyor Mike Rathbun.
Ron Walker	7/10/2013	3:31:00 PM	-	-	UTM Z11 NAD83 (m)	694662	3721030	None	Kangaroo rat	Suitable	Small burrows and tracks	Mike Rathburn and Ron Walker conducted AB, KF, and BUOW surveys for road improvement project at entrance to project site, survey area is adjacent to Wileys Well rest area and to the west. Surveys began on Wileys Well Road and ran east to west, to 500 feet past security guard station, and 500 feet south of guard station towards I-10 freeway. Also, a small portion of the rest area situated between rest area and I-10 freeway was surveyed (east side of Wileys Well Road). Survey area is suitable habitat for AB, KF, and BUOW, survey transects were 20 meters apart. Results of suvey were negative.
Michael Rathbun	7/11/2013	10:59:00 AM	-	Other (define)	-	-	-	None	N/A	N/A	N/A	This survey took place between towers 23 and 21. No burrows of suitable size were observed for AB, DKF, and WBO. Habitat is suitable for all but no sign was observed. This survey was done preceding road work.
David Charlton	7/26/2013	3:18:00 PM	-	-	-	-	-	None	N/A	N/A	N/A	No species observed.
David Charlton	8/20/2013	4:29:00 PM	-	-	-	-	-	None	N/A	N/A	N/A	No species observed.
David Charlton	8/29/2013	3:07:00 PM	-	-	-	-	-	None	N/A	N/A	N/A	No species observed.

Maps

Source: AECOM 2013; Copyright:© 2013 Esri, DeLorme, NAVTEQ, TomTom
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

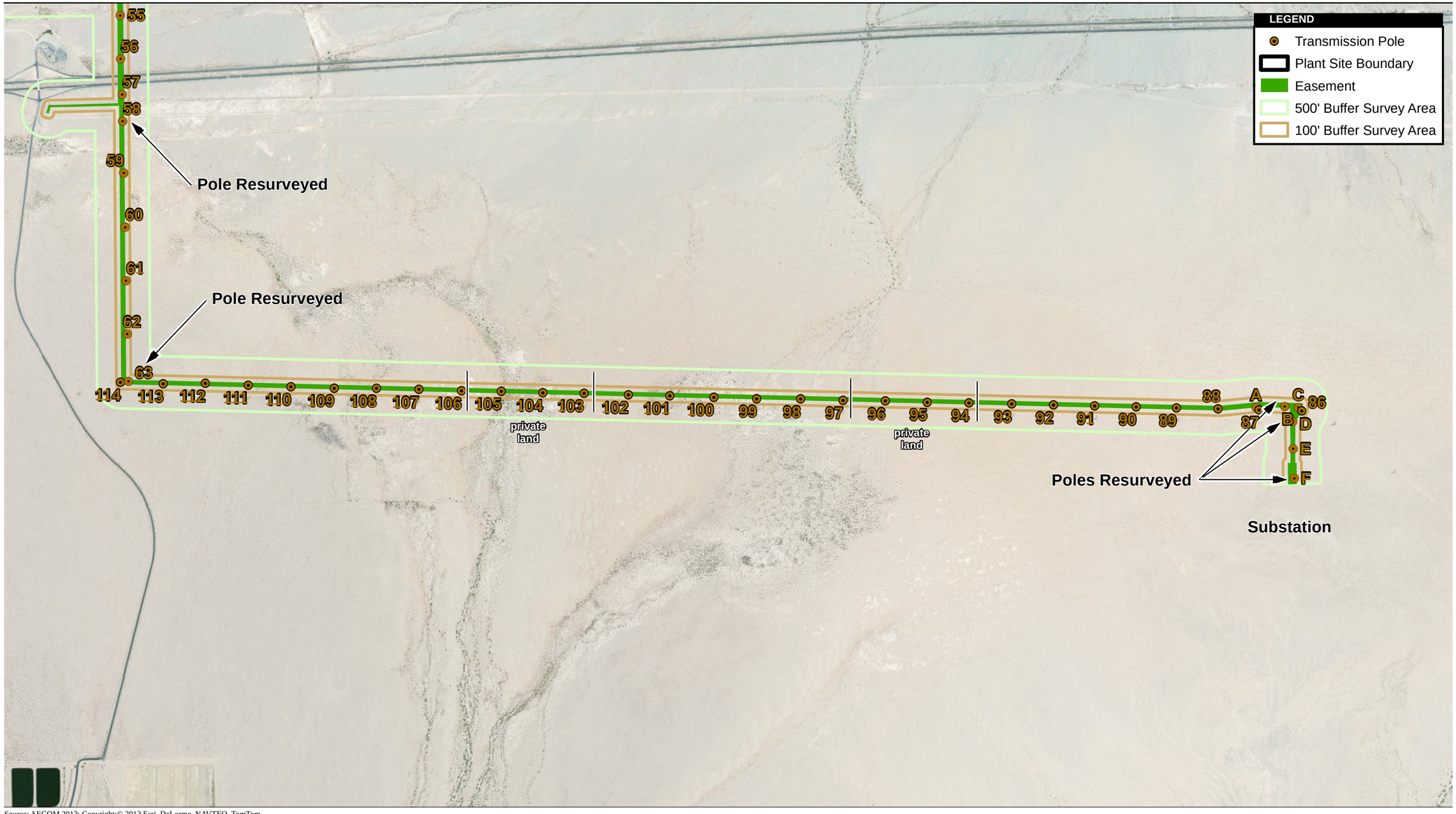
2,000 1,000 0 2,000 Feet

Scale: 1:24,000; 1 inch = 2,000 feet

Figure 1a. Wildlife Survey Results for Preconstruction Clearance Surveys (July 2013 and August 2013)

Genesis Solar Energy Project

Path: P:\2011\60220713\06GIS\6.3_Layout\Bio\PreConSurvey\July-August 2013\Occurrences 2013912.mxd, 9/12/2013, irelandm



Source: AECOM 2013; Copyright:© 2013 Esri, DeLorme, NAVTEQ, TomTom
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

2,000 1,000 0 2,000 Feet

Scale: 1:24,000; 1 inch = 2,000 feet

Figure 1b. Wildlife Survey Results for Preconstruction Clearance Surveys (July 2013 and August 2013)

Genesis Solar Energy Project

Path: P:\2011\60220713\06GIS\6.3_Layout\Bio\PreConSurvey\July-August 2013\Occurrences SE 2013912.mxd, 9/12/2013, irelandm

ATTACHMENT 5

CORRESPONDENCE

From: German, Charles
Sent: Tuesday, August 13, 2013 9:32 AM
To: Rodriguez, Magdalena@Wildlife; Baird, Tera
Cc: Guigliano, Jennifer; 'Gavaldon, Jennifer'; 'mmassar@blm.gov'; 'Chuck.griffin@us.bureauveritas.com'; German, Charles; Gardner, Amy H; Ireland, Mike; Watson, Carol@Energy; German, Charles
Subject: Genesis August 9 MFTL Mortality
Attachments: 20130809__MFTL.pdf

Attached is a Construction Wildlife Incident Form regarding a Mojave Fringe-toed Lizard Mortality which occurred along the access road on Friday, August 9, 2013. It was not sent on Monday because I was absent.

Eric German
Designated Biologist
Genesis Solar Energy Project
805.895.9842

Construction Wildlife Incident Form

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

INCIDENT DETAILS

Date: 8/9/13 Observer: Mike Rathbun

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

Cause of Death: ROADKILL

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

Photo No. _____

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

Deceased - Dismembered from multiple hits from rolling wheels

LOCATION

DATUM: NAD 83

UTM E: 691587 UTM N: 3722483

Location Details (microhabitat, etc.):

on road - creosote scrub with sandy surface.

IDENTIFICATION

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

Species (if unknown, write 'unknown'): MOJAVE FRINGE-TOED LIZARD

Sex (circle one): Male / Female / (Unknown)

Age (circle one): (Adult) / Juvenile / Unknown

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

Identification Remarks: Dark Blotch on each ventral side mottled back, fringe toes

ENVIRONMENTAL CONDITIONS

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

Approx. Temperature (circle one) °F / °C: 85

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

Habitat (circle all that apply):

Bare Ground / (Creosote Bush Scrub) / Sand Dune or (Sand Sheet) /

Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): REMOVED AND Buried.

From: German, Charles
Sent: Tuesday, August 20, 2013 3:53 PM
To: Magdalena Rodriguez; Tera_Baird@fws.gov; Watson, Carol@Energy
Cc: mmassar@blm.gov; Guigliano, Jennifer; Ireland, Mike; Dayman, Shelly; Chuck.griffin@us.bureauveritas.com; German, Charles; 'William Watson'; rhaverland@blattnerenergy.com; Gardner, Amy H; Field, Jennifer; Gavaldon, Jennifer
Subject: Genesis To Be Determined Flycatcher Mortality
Attachments: 08192013 flycatcher mortality.pdf

Attached is an Avian and Wildlife Reporting Form for a species to be determined Flycatcher mortality. The report is being sent in the event the bird is an endangered species, Federal and/or State,
and to keep you informed of the occurrence.
USFWS Law Enforcement has been consulted and I will forward this email to them separately.
USFWS Law Enforcement will collect the salvaged carcass to determine the species.

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 / [Incidental]

Date: 8/19/2013 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 on back, no obvious signs of trauma

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726833 UTM E: 686881

Found Near (circle one):

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

Location Details: Location of carcass near dirt road edge beneath pipe of crossover. Near NE corner on unit 2 block 2.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): To be determined flycatcher.

Color/Markings: Dark green back, whitish front with grey on breast, slight wing bars.

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: 108

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? USFWS law enforcement on 8/20/2013 1:55:00 PM

Actions Taken (e.g., left in place, taken to rehab): Photographed 8/19. Contacted USFWS law enforcement 0900 (first notification). Guidance to salvage to preserve carcass; placed in freezer. 1355 contacted USFWS law enforcement to inform of need to further identify carcass.

COMMENTS:

Located near pipe crossover, piping over road, on 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 Aug 19 17:33:05 PDT 2013
Position: 11 N 686881 3726833
Altitude: 381ft
Azimuth/Bearing: 176° S04E 3129mils (True)
Elevation Angle: -88.6°
Horizon Angle: +82.4°
Zoom: 1X
bird mortality crossover unit 2 ne block 2

Date & Time: Mon Aug 19 17:37:10 PDT 2013
Position: 11 N 686881 3726832
Altitude: 394ft
Azimuth/Bearing: 092° S88E 1636mils (True)
Elevation Angle: -87.7°
Horizon Angle: +69.2°
Zoom: X
bird mortality crossover unit 2 ne block 2
8/19/13 17:35 108°
686881 3726833
NE corner Block 2/crossover
Post-it

Date & Time: Mon Aug 19 17:38:18 PDT 2013
Position: 11 N 686860 3726841
Altitude: 406ft
Elevation Angle: +02.1°
Horizon Angle: -00.6°
Zoom: 1X
bird mortality crossover unit 2 ne block 2 location

From: German, Charles
Sent: Monday, August 26, 2013 11:53 AM
To: Magdalena Rodriguez; Tera_Baird@fws.gov; Watson, Carol@Energy
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; jkalish@blm.gov
Subject: Genesis Evaporation Pond Mortality 8/20
Attachments: 08202013 sora mortality_evap pond.pdf

Attached an Avian and Wildlife Reporting Form for Tuesday, August 20, 2013. The bird was located
within the pond.

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 / [Incidental]

Date: 8/20/2013 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: Unknown carcass age. Carcass water saturated in evap pond.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727371 UTM E: 685760

Found Near (circle one):

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

Location Details: Bird mostly submerged within south evaporation pond.

IDENTIFICATION

[Bird] / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Possible Sora

Color/Markings: Large feet, other sora found previously.

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? USFWS law enforcement on 8/20/2013 11:13:00 AM

Actions Taken (e.g., left in place, taken to rehab): Removed from pond and placed in freezer.

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 Aug 20 11:29:09 PDT 2013
Position: 11 N 685760 3727371
Altitude: 387ft
Azimuth: -108° -1920mils
Elevation Angle: +09.5°
Horizon Angle: +79.2°
Zoom: 1X
bird mortality south evap pond

Appendix C

Haz-6

Worker Environmental Awareness Program Training

40

Genesis Site Safety Orientation / WEAP

	Signature	Print Name	Company	
1		MICHAEL A. OROZCO	DIELCO CRANE	1-8-13
2		David Madrid	PMI	8-1-13
3		BRUNO HERNANDEZ	PMI	8-1-13
4		Steven Aguilar	PMI	8-1-13
5		William Hernandez	PMI	8-7-13
6		ANDREW FLEEP	PMI	8-7-13
7		Joshua Soto	PMI	8-7-13
8		EDEN ROMO	PMI	8/07/13
9		Daniel Valdivia	Pmi	8-7-13
10		Jason Laird	PMI	8-7-13
11		MICHAEL CRIDLEBAUGH	PMI	8-7-13
12		BRIAN R. BORUNDA	PMI	8-7-13
13		David D Reed	PMI	8-7-13
14		GLENN CROSS	P.M.I.	8-8-13
15		Robert B Records	P.M.I.	8-9-13
16		Shane Sheets	Pmi	8-9-13
17		Tim Tabeay	PMI	8-9-13
18		IAN SPINNEY	PMI	8-9-13
19		Michael L Shaw	PMI	8/9/13
20		Francisco Larios	PMI	8-9-13
21		CARLOS DURAN	PMI	8-9-13
22		Dean Colmenero	PMI	8-9-13
23		HOMER C. Anderson	PMI	8-9-13
24		J Medeiros	PMI	8-9-13
25		Mayra Garay	Scpan West	8-14-13
26		F. Liberto Salazar	PMI	8-15-13
27		LACY SMITH	PMI	8-15-13
28		David J. Williams	PMI	8-15-13
29		SEAN LACEY	PMI	8-15-13
30		Richard Pelayo	PMI	8-15-13
31		MELVIN AVPIU	PMI	8-15-13
32		DANIEL RICHARDS	PMI	8-15-13
33		Leland Yazzie	PMI	8-15-13
34		DARRELL MACK	PMI	8-15-13
35		NICK A. CORLEO	PMI	8-15-13
		Robert Bales	PMI	8-15-13
		Margarito Ibarra	PMI	8-15-13
		Michael D. Dunlap	PMI	8-15-13
		JULIAN SNEAD	PMI	8-15-13
		Sean Melendrez Sr	PMI	8-15-13

(11)

Genesis Site Safety Orientation / WEAP

	Signature	Print Name	Company	
1		Jose H. Gomez	PMI Boilermaker	7-29-13
2		[illegible]	U-Mech	7-29-13
3		[illegible]	UM	7-29-13
4		Julian Snead	U-MECH	7-29-13
5		Tim Correo	U MECH	7-29-13
6		Alonso Correa	U mech	7-29-13
7		Richard Ramsami	U mech	7-29-13
8		Jeff Robinson	U MECH	7-29-13
9		Julio Cruz	U MECH	7-29-13
10		Lesmer [illegible]	U Mech	7-29-13
11		[illegible]	U Mech	7-29-13
12		Michael Madrid	Sisco Crane	7-29-13
13		Robert Ditch	PMI	7-30-13
14		Steve Spears	PMI	7/30/13
15		Winston Rocke	PMI	7-30-13
16		Walter Anbatali	PMI	7/30/13
17		Norvel Pelle	PMI	7/30/13
18		Francisco Gonzalez	PMI	7/30/13
19		James Cannada	PMI	7/30/13
20		Arthur Sefilla	P.M.I	8-5-13
21		Oswaldo Cortez	P.M.I	8-5-2013
22		Raul Vargas	P.M.I	8-5-2013
23		Francisco J Cardenas	P.M.I	
24				
25		Jose Zavala	PMI	8-5-2013
26		Anthony R. Wilson	PMI SAFETY	08/05/13
27		Silvestre Alvarado	PMI.	08/05/13
28		Russell Davison	PMI	8-16-13
29		Alejandro Rodriguez	P.M.I	8.16.13
30		Roberto Simmons	P.M.I.	8-16-13
31		Paul Bowman	PMI	8-12-13
32		Robert Mesa	PMI	8-21-13
33				
34				
35				

Genesis Site Safety Orientation / WEAP

(32)

	Signature	Print Name	Company	DATE
1		Daniel E. Powell	UMEC	8-22-13
2		GERRY JOHNSON	UMEC	
3		Valente Rios	UMEC	
4		Larry Owens	U Mech	
5		Kenneth C Arentz	UMEC	
6		Paul Martinek	UMEC	
7		PETER SPURLOCK	UMECH	
8		Dave Perez	UMECH	
9		Charles Morris	UMECH	
10		Evicu F Jauregui	U Mech	
11		JAMES T. PAYNE	UMEC	
12		SCOTT GEMBERLING	UMEC	
13		RICARDO H SANCHEZ	UMEC	
14		Jorge Rodriguez	UMEC	
15		MARK HARPER	UMEC	
16				
17				
18				8-23-13
19		Kevin Larson	UMEC	
20		Rafael Jimenez Jr	UMEC	8-23-13
21		Mateo S Saldivar	UMEC	08/23/13
22		Juan A. Hernandez	U MEC	8/23/13
23		Nathan Romo	UMEC.	8.23.13
24		CHARLES RICH	UNIV. MECH	8-23-13
25		HYONG YU	U Mee	8-23-13
26		RUBEN CHAVEZ	UMD. MECH	8.23.13
27		RAPHAEL GRANGER	U. MECH	08.23.13
28		Anthony Surejbally	U. Mech	08-23-13
29		JUSTIN Salvato	Dielco Crane	8-23-13
30		Tony Hart	University	8 23 13
31		Juan M. Hernandez	University M.	8 23 13
32		KEITH OLIVIERI	University mech	8-23-13
33		JOSE G. TERREJON	UNIVERSITY MECH	08/23/13
34		Oswaldo Moya	PMI	8/27/13
35		Jeff Ross	PMI	8/27/13

(35)

Genesis Site Safety Orientation /WEAP

AUGUST 2013

	Signature	Print Name	Company	
1		Dwayne Smith	SEI	
2		BARNEY STENCE	CCT	
3		Steven Baker	Vortex	
4		KEN CAMPBELL	BAKER	
5		John Leyva	Baker	
6		Daniel Valdez	Atlas Copco	
7		JEFF HOLMES	WAGNER POWER SYSTEMS	
8		Alredo Lopez	SIEMENS	
9		Jeff Scott	NextEra	
10		Brendan Paradis	Lauren Engineers	
11		Chris Bamber	NextERA	
12		JOHAN GUSTAFSSON	SIEMENS	
13		STEVEN RUIZ	SERVERON	
14		Andres Delgado	Water Street Solutions	
15		JON REINKE	WATER STREET SOLUTIONS	
16	JON Peery	Jon Peery	NEXT ERA	
17		MICHAEL DAVID	NEXTERA	
18	Jody Shaw			
19		Jody Shaw	NEXTERA	
20		JACOB MARSHALL	ECI	
21		BEN HART	ATLAS COPCO	
22		Michael Johnson	Turnkey Technical	
23		SONN BHAGAT	SIEMENS	
24		DANIEL CESSNA	GE WATER	
25		JOE DELGADO	GE WATER	
26		JOHN TAM	FLUOR	
27		MONIQUE ATENCIO	FLUOR	
28		David Nixon	UEI	
29		E. Magnet	SEI	
30		Richard Schulz	G.E. Water	
31		Rick J Bowen	GE Water	
32		ABEL VALADEZ	ARANDA TOOLING	
33		CARLOS ARANDA	ARANDA TOOLING	
34		MAURICIO VALADEZ	ARANDA	
35		Dennis Ellorin	Western Utilities	

Genesis Site Safety Orientation / W EAP

	Signature	Print Name	Company	
1		Robert Gurule	Newtron	8/6/13
2		Anthony Bravo	Newtron	8/6/13
3		Raul Dean Madrid	Newtron	8/6/13
4		Ryan Stolpp	Newtron	8/6/13
5		Marius P. Gulea	Newtron	8/15/13
6		Pay/Maldonado	Newtron / Acco	8/19/13
7		KEN R. BRANIFF	NEWTRON	8/20/13
8		BARRY HARBER	Newtron	8/20/13
9				
10				
11		FRANK Aleman	NEWTRON	8/28/13
12		Larry Garcia	Newtron	8-28-13
13		Richard Lara	Newtron	8-28-13
14		LYOD BARNUM	Newtron	8-28-13
15		GREGORY HYDEN	NEWTRON	8-28-13
16		Robert Bustain	Newtron	8-28-13
17		Cecil Campbell	Newtron	828-13
18		James Murphy	Newtron	8/28/13
19		Paul Garczynski	Newtron	8/28/13
20		Alfredo Gonzalez	Newtron	8/28/13
21		DAVID J. TURNER	NEWTRON	8/28/13
22		JUAN L. ESCAMILLA	NEWTRON	8-28-13
23		DAN MURPHY	NEWTRON	8-28-13
24		Charles Ivis	Newtron	8-28-13
25		Delfino Santana	Newtron	8-28-13
26		PAUL SANDOVAL	NEWTRON	8-28-13
27		Lucca Villanueva	Newtron	8-28-13
28		Frank Marquez	Newtron	8-28-13
29				
30				
31				
32				
33				
34				
35				

SUKUT (12)

Genesis Site Safety Orientation / WEAP

	Signature	Print Name	Company	DATE
1		JAKE JACEK	JUDGE NETTING	2-11-13
2		GARRETT BUNKER	JUDGE NETTING	2-11-13
3		Dan Kinkade	Foothill Engineering	2-21-13
4		Wendah Young	Foothill Engineering	2-21-13
5		Matthew Rickard	Sukut	7-10-13
6		JARRAN ROBERTS	SUKUT	7-17-13
7		ROBERTO GRANADOS	SUKUT	7-17-13
8		Michael Isaacs	RMR Water Trucks	7-17-13
9		Daniel Fonseca	RMR WT	7-17-13
10		Jeff Allsup	SUKUT	7-17-13
11		Nick Hanny	RMR	7-23-13
12		Ignacio Soto	SUKUT	7-23-13
13		ABEL COVARRUBIAS	COVARRUBIAS	7-31-13
14		Jose L. Garcia	Covarrubias Company	7-31-13
15		Sergio Barajas	Covarrubias Company	7-31-13
16		Mike Hatchell	Western Emulsions	8-9-13
17		Jim VALENTE	GRANITE	8-9-13
18		[illegible]	Granite	8-9-13
19		[illegible]	Granite	8-9-13
20		Miguel Moreno	Granite	8-9-13
21		[illegible]	GRANITE	08-09-13
22		[illegible]	GRANITE	8-9-13
23		[illegible]	Granite	8-9-13
24		[illegible]	Granite	8-9-13
25		[illegible]	Granite	8-9-13
26		Mikalan Valenzuela	GRANITE	8-9-13
27				
28				
29				
30				
31				
32				
33				
34				
35				

(5)

Genesis Site Safety Orientation / WEAP August 2013

(1)

ARB Inc.

	Signature	Print Name	Company	Date
1	C. Helme	Christopher Helmer	ARB	8-12-13
2		Eric Quezada	ARB	8-12-13
3		Kristopher Cutting	ARB	8-12-13
4		MARK SICAT	ARB	8-17-13
5	Todd Culberson	Todd Culberson	ARB	8-28-13
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

Genesis Site Safety Orientation / WEAP (2)

(2)

	Signature	Print Name	Company	
1		ANDY SANCHEZ	PRIME ELECTRIC	8·05·13
2		RICARDO JIBAJA	PRIME ELECTRIC	8·05·13
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

(8)

Genesis Site Safety Orientation / WEAP

	Signature	Print Name	Company	
1		JOSE GALLARDO	W.U.T.S	
2		Dale Fields	Nextera	
3		Bruce Braxmeyer	GE W&PT	
4		Stan Redeye	Siemens Energy	
5		RICHARD URYCKI	GE MATER	
6		Jim VENETUCCI	NEXTECA	
7		JOSE RODRIGUEZ	TURBO CARE	
8		Ryan Raff	TURBO CARE	
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

(11)

Genesis Site Safety Orientation /WEAP

	Signature	Print Name	Company	
1	Dalton Hebert	Dalton Hebert	PMI	8-22-13
2	Jerry D. Wilkinson	Jerry W. Wilkinson	PMI	
3	Steven W Lindsey	Steven W Lindsey	PMI	
4	David Fox	David Fox	PMI	
5	Ed Nunez	Ed Nunez	P.M.I.	
6		Robert Thomas	PMI	
7	Robert McKinney	Robert McKinney	PMI	
8	Yoland Johnson	Yoland Eugene Johnson	PMI	
9		Eric J Huesca	PMI	
10	Gilbert Verdugo	Gilbert Verdugo	PMI	8-22-13
11	Ernest Harris	Ernest Harris	PMI	8-22-13
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications

Genesis Bvnet Staus Matrix June 2013

Project	Submittal Title	CBO Approved Date	Lead Plan Reviewer
Genesis Solar Energy Project	**GEN-1-009.0 - Iso Phase Bus Duct Fire Stop - PC1**	8/6/2013	Long, Keith
Genesis Solar Energy Project	**GEN-5-20-0 - Art Pinto Resume Mechanical Engineer - PC1**	8/29/2013	

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

MCR for Cultural Resources

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 August.

Table 1. CRMs and NAM onsite during August (by day)

August 2013		
Date	**Number of Cultural Resource Monitors**	**Number of Native American Monitors**
8/1/2013	2	2
8/2/2013	1	2
8/5/2013	2	2
8/6/2013	2	2
8/7/2013	2	2
8/8/2013	2	2
8/9/2013	2	2
8/12/2013	2	2
8/13/2013	2	2
8/14/2013	2	2
8/15/2013	2	2
8/16/2013	2	2
8/19/2013	2	2
8/20/2013	2	2

8/21/2013	2	2
8/22/2013	2	2
8/23/2013	2	2
8/26/2013	2	2
8/27/2013	2	2
8/28/2013	2	1
8/29/2013	2	1
8/30/2013	2	1

Number of Isolate Forms submitted- 5
Number of Site Update Forms submitted- 0
Number of Monitoring Logs submitted - 43

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. A total of five artifacts were found in all construction areas during the month of August. All five artifacts were recorded as new isolated finds. 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.

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
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 31, 2013

RE: PAL-5, Summary of paleontological monitoring and mitigation activities at the Genesis Solar Energy Project for the period of August 1, through August 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 August 1 to August 31, 2013. One SWCA Paleontological Resources Monitor (PRM) was onsite part-time during all grading, drilling and excavation activities exceeding 1.5 feet in depth along the access road near Wiley's Well and just South of Interstate 10 near transmission line tower structures 56-58. All paleontological monitoring occurred in Quaternary alluvium.

During the course of monitoring, SWCA's paleontologists observed no fossils and recorded no (0) new significant fossil localities. No significant fossils were collected and no significant fossil resources were destroyed by construction activity. No concerns regarding paleontological resources were identified during paleontological monitoring in August 2013.

It is a pleasure working with you on this project. If you have any questions please do not hesitate to contact me.

Respectfully,

Cara Corsetti, M.S.
Principal
Paleontological Resources Specialist, GSEP

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:

305,438	Man hours logged this month
1,827,249	Man hours logged during 2013
3,165,619	Job total man-hours

Project total RIR	0.76
2013 RIR	0.55
Project LTIR	0.00

There were no recordable injuries reported in the Month of August2013.

Incidents reported during August2013:

8-01-13 Fire trucks responded to an Aggreko generator fire onsite when a temporary generator that had been in use less than 1 day caught fire internally. Employees onsite noticed the fire and called 911. The generator was setup in a secondary containment. All debris from the fire was contained. No fuel or oil was released or spilled. There were no injuries. As of this time no report has been received from Aggreko to detail the cause of the malfunction.

8-06-13 Emergency crews responded to an employee with chest pains BPC. The employee was taken to Blythe via Blythe Ambulance and diagnosed with personal health issues.

8-28-13 Emergency crews responded to a Petrochem employee who experienced health issues while sitting in training. The employee was taken to Blythe via Blythe Ambulance and diagnosed with personal health issues.

Bill Alfera's visit to the site August 6-7 provided good feedback with identified areas for improvement. Crews worked quickly to act on the recommendations.

8-19-13 Hearing protection required 100% within the limits of Power Block #2

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.

The total Safety Orientations/WEAP training for the month 213

Genesis solar construction

Weekly Newsletter

Flammable Liquids

August 5, 2013

Make the RIGHT Choice

The answer to answer flammable liquid safety is to follow federal, state and local regulations, company safety procedures and of course, the information provided for the manufacturer. Each employee holds the key to safety when working with flammable liquids. Knowledge is the first step, but putting that information to work makes the difference in safety.

Improper storage and handling of flammable chemicals and failure to recognize and control ignition sources, have accounted for many of the catastrophic accidents involving flammable liquid use. Proper flammable material storage is essential for fire prevention. Flammable storage locations can range from purpose built buildings or storerooms to NFPA rated flammable storage cabinets. All flammable storage cabinets must be vented to the outside when they are installed.

What are flammables?

A combustible substance is one that catches fire and burns easily; a flammable substance is one that continues to burn even after the ignition source is removed. Determine the flammability of a combustible liquid by:

- Flash point — the lowest temperature at which vapours or gases will ignite;
- Minimum concentration of extinguishing agents needed to extinguish the fire;
- Combustion rate;

Temperature increase during combustion. Flammable liquids burn with intensity. Few materials can generate as many BTUs per pound as flammable liquids. This accounts for the rapid heat build-up and how fast the fire spreads.
It is extremely important for employees to realize that the liquid itself does not burn, but its vapours, which are invisible and generally heavier than air. The vapours settle to the floor and are moved by air flow. Always consult the MSDS provided by the manufacturer to determine the flammability of a particular liquid.

It is important when storing or working with these flammable liquids that you are not exposed to ignition sources such as:

- Open flames;
- Electrical switches;
- Open motors;
- Static electricity;
- Friction and mechanical sparks;
- Smoking;
- Heat guns;
- Cutting and welding;
- Radiant heat.

Today as you go out to your work area, take a moment and look around. What flammable liquids are you using or storing? Are there any ignition sources around? Are they stored properly? Take action today prior to a disaster occurring.

Weekly Newsletter

Heat Transfer Fluid

August 12, 2013

Make the RIGHT Choice

Dowtherm A, heat transfer fluid, is an abundant chemical being used throughout the Genesis plant. The liquid is colorless to a slight yellow and is aromatic. At normal temperatures it has a NFPA rating as follows; Health 1, Fire 1 and Reactivity 0. The heat transfer fluid that was introduced a few months ago will soon present additional hazards mainly due to the operating temperature, approximately 750 degrees Fahrenheit. It is important to adhere to the safe handling procedures developed by DOW, Genesis, your company and those listed below to prevent any accidents or injuries that may affect your health and safety or cause damage to the environment.

Due to Dowtherm A's properties it is a safe chemical to handle and work with at low temperatures by simply following basic PPE requirements outlined in the material data safety sheet. However, at higher temperatures thermal burns and fire/explosion hazards are present. Currently area 17 in power block 2; the main pumps, freeze pumps and overflow pumps, create the most concern since mechanical failures have occurred in this area on previous projects. It is important to remember that the HTF overflow pit in unit 2 will now be controlled by start up and a permit to work in the pit will have to be issued prior to atmospheric testing and entry per your company's confined space entry procedure. This is because pressure relief valves could release HTF into the pit at temperatures greater than 700 degrees Fahrenheit. Although the HTF was introduced as a liquid at high temperatures it becomes a vapour and operates above it's flashpoint; meaning vapours plus an ignition source is likely to result in a fire or explosion. It is pertinent to follow procedures already in place; permit to work, hot work permits issued by start up, lockout tagout, etc., and new procedures being implemented as conditions change for your safety and the safety of those around you.

In the event of an HTF release keep upwind of the spill. Wind direction at this time can be determined by observing the weather vane on any of the meteorological towers. A wind sock will soon be installed atop of the de-aerator in both units. Notify the appropriate personnel; other employees in the area, supervisors, construction management team, and keep unprotected and unnecessary personnel from entering the area. Trained employees onsite will respond to the small spills; contain and start clean up measures, once it is determined safe to enter the contaminated area. For larger spills we are contracting a third party 24 hour response team to provide personnel for clean up and disposal of the HTF and any contaminated dirt. The site is currently equipped with four large gang boxes stocked with materials to contain and clean up spills. All trained responders are familiar with the locations of the spill kits.

If you are authorized and trained to handle HTF it is important to remember to wear the appropriate PPE in addition to the site minimum. A face shield, body covering clothing, chemical resistant gloves and a respirator with an organic filter if it is likely that the exposure limits set by OSHA will be exceeded. The MSDS can be consulted to determine the OSHA PEL and ACGIH STEL and TWA for the vapours. Only employees who have passed and hold a valid respirator fit test card are permitted to wear a respirator.

First Aid measures for accidental contact:
-contact with hot liquid causing a thermal burn. Cool the burn using cool running water, cover with sterile gauze bandages, you may also take over the counter medication as needed.
-eye contact with ambient temperature liquid. Flush with water for several minutes. If you wear contacts remove contacts after the first minute of flushing and continue to flush.
-skin contact. Wash skin with soapy water.
-ingestion. Do not induce vomiting, consult a physician.
-clothing contamination. Remove contaminated clothes, wash affected skin area and redress with clean clothes.

In serious cases contact 911. Keep in mind that as construction progresses these guidelines will be followed in unit 1. Remember to follow all safe working procedures and use designated smoking areas. Always develop a detailed plan at the start of your day, stick to the plan and modify as necessary since this is an important step in a safe work day.

Genesis solar construction

Weekly Focus

Make the RIGHT Choice

August 19, 2013

Confined Spaces

What Is A Confined Space?

For all employers and employees a confined space exhibits these types of characteristics:
• Is large enough and configured such that an employee can bodily enter and perform work;
• Has limited openings for entry and exit;
• Is not designed for continuous employee occupancy;
• Has the potential for a hazardous atmosphere that may include the lack of or too much oxygen, and/or the presence of toxic or explosive vapors or gases such as hydrogen sulfide and methane; and/or
• Has physical safety hazards such as machinery, sources of electrical shocks, liquids (drowning or fires), steam (burn hazard), or loose, unstable materials that can cause employees to be trapped, crushed or buried.

Examples of confined spaces include but are not limited to: water and sewer pipes, pumping stations, manholes, boilers, vats, kilns, vaults, silos, storage bins, meter vaults, tunnels, tanks, wastewater wet wells, grit chambers, utility tunnels, crawl spaces under floors, water reservoirs, holding tanks, pits and sumps.

Why Are Confined Spaces Deadly?

Confined spaces are deceiving and often appear to be harmless. Danger signs are often not apparent and the space may have been entered before without incident. **Never** assume that conditions have not changed and that the space is safe for entry at all times.

How Can Work Be Done Safely In Confined Spaces?

When possible, avoid entering these spaces by using devices or equipment that allows work to be done from the outside. If they must be entered, Cal/OSHA has regulations for working safely in confined spaces. **Please refer to the specific standard for your industry and operations.** For employers and employees in Construction the regulations in T8CCR 5158, “Other Confined Space Operations” and other regulations apply.

In general, confined space regulations **require** all employers to have:
• A written confined space plan, including recognizing and marking all confined spaces on site;
• Procedures to test and monitor the air inside confined spaces before and during all employee entries;
• Procedures to prevent unauthorized entries and to have an attendant outside the space at all times;
• Effective controls of all existing atmospheric or safety hazards inside the confined space;
• Employee and supervisor training on safe work procedures, hazard controls and rescue procedures; and
• Effective rescue procedures which are immediately available on site.

Employees should never enter the space until all the safety precautions are in place and they have been authorized to enter. Emergency procedures must be in place and ready before any employee enters a confined space.

Genesis solar construction

Weekly Newsletter

Make the RIGHT Choice

Hearing Loss Prevention

August 26, 2013

Work-related hearing loss continues to be a critical workplace safety and health issue. Noise induced hearing loss is 100 percent preventable but once acquired, hearing loss is permanent and irreversible. Therefore, prevention measures must be taken by employers and workers to ensure the protection of workers' hearing.

Approximately 30 million workers are exposed to hazardous noise on the job. Noise induced hearing loss is one of the most common occupational diseases and the second most self-reported occupational illness or injury.

Industry specific studies reveal:

- 44% of carpenters and 48% of plumbers reported that they had a perceived hearing loss.
- 49% of male miners will have a hearing impairment by age 50 (vs. 9% of the general population) rising to 70% by age 60.

While any worker can be at risk for noise induced hearing loss in the workplace, workers in many industries have higher exposures to dangerous levels of noise. Industries with high numbers of exposed workers include: agriculture, mining, construction, manufacturing, utilities, transportation and military.

Prevention

Removing hazardous noise from the workplace through engineering controls (e.g. installing a muffler or building an acoustic barrier) is the most effective way to prevent noise-induced hearing loss. Hearing protectors such as ear plugs and ear muffs should be used when it is not feasible to otherwise reduce noise to a safe level. NIOSH recommends hearing loss prevention programs for all workplaces with hazardous levels of noise. These programs should include noise assessments, engineering controls, audiometric monitoring of workers' hearing, appropriate use of hearing protectors, worker education, record keeping and program evaluation.

- Know your hazard. Whenever possible, measure the noise levels in your environment on a frequent basis to determine exactly what the hazards are.
- Trust the annual audiogram. Rely on this information to gauge any hearing loss from year to year.
- Select hearing protection that is right for you, that is comfortable for you and that you will wear.
- Wear your hearing protection right. Each type of hearing protector is slightly different. The important thing to remember is that you need to insert ear plugs correctly, or ear muffs completely over the ears. Then, you must always test the fit.
- To test the fit, cup your hands over your ears, then release. If you can hear a difference, you may not be wearing your hearing protector correctly. Remove and then fit again.

ALL AREAS IN POWER BLOCK 2 NOW REQUIRE THE USE OF HEARING PROTECTION.

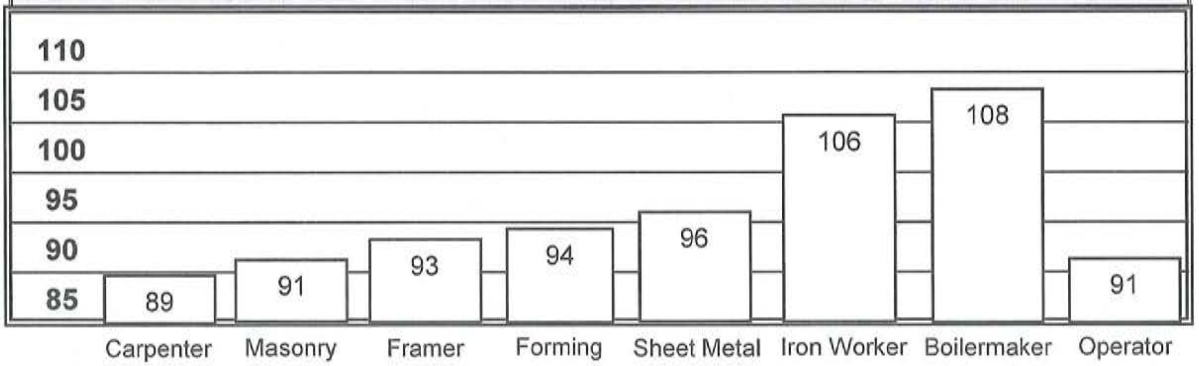
ACCESS ROAD SPEED LIMITS 45 MPH 6:15 AM THROUGH 6:45 PM

Source: eLCOSH

Average Sound Levels in Construction

Tool	Sound Level dB(A)
Hammer Drill	114
Pile Driver	112
Chain Saw	109
Chop Saw	108
Impact Wrench	107
Powder Actuated Tool	106
Circular Saw	100
Jack Hammer	96
Grinder	86
Welding Machine	85 – 90
Equipment Operator & Task	**Sound Level dB(A)**
Heavy-Duty Bulldozer	97 – 107
Vibrating Road Roller	91 – 104
Asphalt Road Roller	85 – 103
Crawler Crane > 35 ton (non-insulated cab)	90 – 98
Crawler Crane > 35 ton (insulated cab)	80 – 89
Rubber-Tired Crane > 35 ton (non-insulated cab)	78 – 90
Rubber-Tired Crane > 35 ton (insulated cab)	59 – 87

Average dB(A) for Some Construction Trades / Activities



Appendix G

Miscellaneous Submittals and Information

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Solar Field 1- Backfilling met tower underground electrical lines.**
- **Power Block 1- Pouring and excavating 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. Working Steam Drum platforms and Lube Oil pipe bore scope.**
- **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 111	Winds-Southeast at 15 mph

Power Block 2 Train 2

Solar Field 1 Block 7 and 8

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

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 Block 3.**

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 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. Pouring and forming curb.**

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)	8
Newtron (K073)	4
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**962**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 2, 2013

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

Genesis Solar Energy Project

Safety:
- **Fire trucks responded to a generator fire onsite the evening of August 1st. A temporary generator that had been in use less than 1 day caught fire internally. Employees onsite noticed the fire and called 911. The generator was setup in a secondary containment. All debris from the fire was contained. No fuel or oil was released or spilled. There were no injuries.**

Compliance:
- **No issues reported.**

General Services (K010):
- **Power Block 1- Pouring and excavating 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. Working Steam Drum platforms. Continue with Lube Oil pipe bore scope and repairs**
- **Unit 1- Working Pipe Rack 22 West steel. Installing and welding pipe in all areas. Installing sump covers and welding out silencer steel. Welding out interconnecting pipe on both Trains.**

Solar Field Above Ground Electrical (K029):
- **No Activity.**

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- Working header in Valve House No. 2.**

Site Safety Topic Of The Week:
"Housekeeping"

Weather		
Clear	Temp-High 108	Winds-South at 16 mph

Power Block 1 STG/Transformer

Power Block 2 Pipe Rack 23

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block- Insulating Feed Water, HTF and Boiler Steam piping on both trains.**

Air Cooled Condenser (K057):

- **Unit 1- Working fan blade pitch and demobilization.**

Common Area Electrical and Instrumentation (K073):

- **No Activity.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Leveling SCA's in Block 6. Aligning pylons in Block 4.**

HCE Tube Installation (K102):

- **No Activity.**

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. Pouring curb and driveway.**

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)	0
Newtron (K030)	196
Fe Moran (K032)	3
Petrochem (K036)	80
SPX (K057)	8
Newtron (K073)	0
BPC (K100)	35
BPC (K102)	0
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**783**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 5, 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 2- Installing bollards around the Nitrogen skid.**
- **Solar Field 1- Backfilling Met tower electrical lines.**

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 Blocks 2 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover. Working Steam Drum platforms. Continue with Lube Oil pipe repairs.**
- **Unit 1- Installing and welding pipe in all areas. Installing sump covers and welding out silencer steel. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 2.**

Solar Field Above Ground Electrical (K029):
- **Unit 1- Terminating and pulling cable in Ring 1. Installing LOC's in Ring 2. Working substations B and D.**

Power Block Above Ground Electrical (K030):
- **Unit 2-Working all aspects on Auxiliary Steam, Boiler Blow down and Steam systems.**
- **Unit 1- Installing conduit in Area's 12,13, 17,19 and 21. 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 sprinkler piping around the Overflow Tanks. Installing the Fire Alarm Panel in the Electrical Building.**

Site Safety Topic Of The Week:
"Flammable Liquids"

Weather		
Clear	Temp-High 105	Winds-South at 15 mph

Unit 1 North/South Header Pipe

Power Block 1 Pipe Rack 22 West

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Pulling cable and installing conduit to Fire Alarm panels.**

Air Cooled Condenser (K057):

- **Unit 1- Punch list and Demobilization.**

Common Area Electrical and Instrumentation (K073):

- **Working punch list and lighting.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block 6. Aligning pylons in Block 4.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 2. Welding in Blocks 2 and 3. Installing Crossovers and interconnects in Blocks 4, 7 and 8. Testing in Block 3.**

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.**

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)	10
SPX (K057)	5
Newtron (K073)	3
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**851**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 6, 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 2- Installing pipe supports, stair and ladder foundations.**

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 Blocks 2 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover. Working Steam Drum platforms. Continue with Lube Oil pipe repairs.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 2. Detailing Pipe Rack 22 West.**

Solar Field Above Ground Electrical (K029):
- **Unit 1- Terminating and pulling cable in Ring 1. Installing LOC's in Ring 2. Working substations B and D.**

Power Block Above Ground Electrical (K030):
- **Unit 2-Working all aspects on Auxiliary Steam, Boiler Blow down and Steam systems.**
- **Unit 1- Installing conduit in Area's 12,13, 17,19 and 21. 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 sprinkler piping around the Overflow Tanks. Installing the Fire Alarm Panel in the Electrical Building.**

Site Safety Topic Of The Week:
"Flammable Liquids"

Weather		
Clear	Temp-High 106	Winds-Southwest at 16 mph

Power Block 1 Cable Tray at Pipe Rack 25 and 23 Intersection

Power Block 1 Steam Turbine Generator

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Pulling cable and installing conduit to Fire Alarm panels. Insulating Feedwater and Condensate Heaters. Insulating Boiler Steam, Feedwater and HTF piping.**
- **Solar Field 2- Stripping foil off HCE tubes in Blocks 8,9 and 3.**

Air Cooled Condenser (K057):

- **Unit 1- Punch list and Demobilization.**

Common Area Electrical and Instrumentation (K073):

- **Working punch list and lighting.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 6. Leveling SCA's in Block 6. Aligning pylons in Block 4. erecting pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 2. Welding in Blocks 2 and 3. Installing Crossovers and interconnects in Blocks 4, 7 and 8. Testing in Block 3.**

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. Prepping to pave this weekend.**

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)	5
Newtron (K073)	3
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**958**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 7, 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- Installing pipe supports, stair and ladder foundations.**

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 Blocks 2 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover. Continue with Lube Oil pipe repairs.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 2 and HTF piping. Detailing Pipe Rack 22 West. Installing grating on Pipe Rack 23. Working Overflow Tank Piping.**

Solar Field Above Ground Electrical (K029):
- **Unit 1- Terminating and pulling cable in Ring 1. Installing LOC's in Ring 2. Working substations B and D.**

Power Block Above Ground Electrical (K030):
- **Unit 2-Working all aspects on Auxiliary Steam, Boiler Blow down and Steam systems.**
- **Unit 1- Installing conduit in Area's 12,13, 17,19 and 21. 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 sprinkler piping around the Overflow Tanks. Pulling wire to Fire Alarm panels.**

Site Safety Topic Of The Week:
"Flammable Liquids"

Weather		
Clear	Temp-High 106	Winds-South at 13 mph

Power Block 2 Train 1

Power Block 2 Ullage

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Pulling cable and installing conduit to Fire Alarm panels. Insulating Feedwater and Condensate Heaters. Insulating Boiler Steam, Feedwater and HTF piping.**
- **Solar Field 2- Stripping foil off HCE tubes in Blocks 8,7 and 2.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 4. Erecting pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 2. Welding in Blocks 2 and 3. Installing Crossovers and interconnects in Blocks 4, 7 and 8. Testing in Block 3.**

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, entrance and near bridges. Prepping to pave this weekend.**

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
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**950**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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- Installing pipe supports, stair and ladder foundations.**

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 Blocks 2 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover. Continue with Lube Oil pipe repairs.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 2 and HTF piping. Detailing Pipe Rack 22 West. Installing grating on Pipe Rack 23 and on STG bypass. Working Overflow Tank Piping.**

Solar Field Above Ground Electrical (K029):
- **Unit 1- Terminating and pulling cable in Ring 1. Installing LOC's in Ring 2. Working substations B and D.**

Power Block Above Ground Electrical (K030):
- **Unit 2-Working all aspects on Auxiliary Steam, Boiler Blow down and Steam systems.**
- **Unit 1- Installing conduit in Area's 12,13, 17,19 and 21. 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 sprinkler piping around the Overflow Tanks. Pulling wire to Fire Alarm panels. Prepping for deluge and hydro tests of Main Transformer next week.**

Site Safety Topic Of The Week:
"Flammable Liquids"

Weather		
Clear	Temp-High 107	Winds-South at 8 mph

Power Block 2- Laying out Steam Blow Piping

Power Block 2- Feedwater Heaters

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Pulling cable to Fire Alarm panels. Insulating Feedwater and Condensate Heaters. Insulating Boiler Steam, Feedwater and HTF piping.**
- **Solar Field 2- Stripping foil off HCE tubes in Block 2.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 4. Erecting pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 2. Welding in Blocks 2 and 3. Installing Crossovers and interconnects in Blocks 4, 7 and 8. Testing in Block 3.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Placing aggregate base in the Cal Trans ROW, entrance and near bridges. Prepping to pave this weekend.**

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
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**950**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 9, 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- Installing pipe supports, stair and ladder foundations.**

Solar Field Header Piping (K021):
- **No Activity**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover. Continue with Lube Oil pipe repairs.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 2 and HTF piping. Detailing Pipe Rack 22 West. Installing grating on Pipe Rack 23 and on STG bypass. Working Overflow Tank Piping.**

Solar Field Above Ground Electrical (K029):
- **No Activity.**

Power Block Above Ground Electrical (K030):
- **Unit 2-Working all aspects on Auxiliary Steam, Boiler Blow down and Steam systems. Work punch list on various systems.**
- **Unit 1- Installing conduit in Area's 12,13, 17,19 and 21. Installing cable tray in Area's 20, 23 and 26. Pull single pair in Area 19. Installing tray, supports and equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **No Activity.**

Site Safety Topic Of The Week:
"Flammable Liquids"

Weather		
Clear	Temp-High 106	Winds-South at 8 mph

Power Block 2- Laying out Steam Blow Piping

Power Block 1- Steam Turbine

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Pulling cable to Fire Alarm panels. Insulating Feedwater and Condensate Heaters. Insulating Boiler Steam, Feedwater and HTF piping.**
- **Solar Field 2- Stripping foil off HCE tubes in Block 2.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 4. Erecting pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 2. Welding in Blocks 2 and 3. Installing Crossovers and interconnects in Block 6. Testing in Block 3.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Pave near bridges and entrance, continue paving entrance and Cal Trans ROW this weekend.**

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
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**950**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 12, 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- Clean up following pours of pipe supports, stair and ladder foundations.**

Solar Field Header Piping (K021):
- **Installing and welding Header Pipe in Blocks 4, 6 and North/South Header. Installing and welding interconnects in Blocks 2 and 7.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 1 and HTF piping. Detailing Pipe Rack 22 and 23. Installing grating on Pipe Rack 23 and on STG bypass. Working Overflow Tank and Ullage Piping.**

Solar Field Above Ground Electrical (K029):
- **Unit 1 – Terminating cable in Ring 1. Installing LOCs in Ring 7. Working substations B and D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Sample bundle installation and terminations to Sample Panel. Begin installation of tray covers in Area 22. Install lighting throughout.**
- **Unit 1- Installing conduit in Area's 12,13, 15, 16, 17, 18, 19, 21 and 23. Installing cable tray in Area's 20, 23 and 26. Pull cable to solar field, Area's 12 and 25. Installing tray, supports and equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **Unit 1 – Installing sprinkler piping around Overflow Tanks. Pull wire to Fire Alarm Panels. Prepare for deluge and hydro test of GSU #1.**

Site Safety Topic Of The Week:
"Flammable Liquids"

Weather		
Clear	Temp-High 107	Winds-South at 9 mph

Power Block 2- Steam Train 1

Power Block 2 – Solar Field 2

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Terminating cable to Fire Alarm panels. Insulating Feedwater and Condensate Heaters. Insulating Boiler Steam, Feedwater and HTF piping.**
- **Solar Field 2- Stripping foil off HCE tubes in Block 1 and 3.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 4. Erecting pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 7. Welding in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8. Testing in Block 3.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Continue paving entrance and 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
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**950**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 13, 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 and forming pipe supports.**

Solar Field Header Piping (K021):
- **Installing and welding Header Pipe in Blocks 4, 6 and North/South Header. Installing and welding interconnects in Blocks 2 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 1 and HTF piping. Detailing Pipe Rack 22 and 23. Installing grating on Pipe Rack 23 and on STG bypass. Working Overflow Tank and Ullage Piping.**

Solar Field Above Ground Electrical (K029):
- **Unit 1 – Terminating cable in Ring 1. Installing LOCs in Ring 7. Working substations B and D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Sample bundle installation and terminations to Sample Panel. Continue installation of tray covers in Area 22. Install lighting throughout.**
- **Unit 1- Installing conduit in Area's 12,13, 15, 16, 17, 18, 19, 21 and 23. Installing cable tray in Area's 20, 23 and 26. Pull cable to solar field, Area's 12 and 25. Installing tray, supports and equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **Unit 1 – Installing sprinkler piping around Overflow Tanks. Pull wire to Fire Alarm Panels. Prepare for deluge and hydro test of GSU #1.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Clear	Temp-High 106	Winds-South at 11 mph

Power Block 1- Train 1

Power Block 1- HTF Expansion Tank

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Insulating Feedwater and Condensate Heaters. Insulating Boiler Steam, Feedwater and HTF piping.**
- **Solar Field 2- Stripping foil off HCE tubes in Block 3.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 4. Erecting pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 7. Welding in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8. Testing in Block 2.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Placing signage and stripping 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
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**950**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 14, 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 2- Establishing subgrade around Main Transformer for rock placement.**

Solar Field Header Piping (K021):
- **Installing and welding Header Pipe in Blocks 4, 6 and North/South Header. Installing and welding interconnects in Block 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 1. Welding out piping on HTF Vessels.**

Solar Field Above Ground Electrical (K029):
- **Unit 1 – Terminating cable in Ring 1. Installing LOCs in Ring 7. Working substations B and D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Continue installation of tray covers in Area 22. Install lighting throughout.**
- **Unit 1- Installing conduit in Area's 12,13, 15, 16, 17, 18, 19, 21 and 23. Installing cable tray in Area's 20, 23 and 26. Pull cable to solar field, Area's 12 and 25. Installing tray, supports and equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **Unit 1 – Installing sprinkler piping around Overflow Tanks. Pull wire to Fire Alarm Panels.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Clear	Temp-High 109	Winds-South at 11 mph

Power Block 1- Overflow Tanks

Power Block 1- Pipe Rack 22 West

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Insulating Deaerator Tanks. Insulating Boiler Steam, Steam, Feed water and HTF piping.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 4. Erecting pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 7. Welding in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8. Testing in Block 2.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Placing signage in 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
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	10
Total Personnel Onsite	**950**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Power Block 2- Establishing subgrade around Main Transformer for rock placement.**

Solar Field Header Piping (K021):
- **Installing and welding Header Pipe in Blocks 4, 6 and North/South Header. Installing and welding interconnects in Block 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat Treat on Train 1. Welding out piping on HTF Vessels.**

Solar Field Above Ground Electrical (K029):
- **Unit 1 – Terminating cable in Ring 1. Installing LOCs in Ring 7. Working substation D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Continue installation of tray covers and lighting throughout.**
- **Unit 1- Installing conduit in Area's 12,13, 15, 16, 17, 18, 19, 21 and 23. Installing cable tray in Area's 20, 23 and 26. Pull cable to solar field, Area's 12 and 25. Installing tray, supports and equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **Unit 1 – Installing sprinkler piping around Overflow Tanks. Pull wire to Fire Alarm Panels.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Clear	Temp-High 111	Winds-South at 8 mph

Power Block 2- Deaerator Tank

Power Block 1- Train 2

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Power Block 2- Installing Heat Trace and pulling cable to panels. Terminating at Fire Alarm Panels. Insulating Deaerator Tanks. Insulating Boiler Steam, Steam, Feed water and HTF piping.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 4.**

HCE Tube Installation (K102):

- **Unit 1-Installing HCE tubes in Block 7. Welding in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8. Testing in Block 2.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Placing signage and clean up in 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
BPC (K100)	83
BPC (K102)	77
B&W Fluid Dynamics (K205)	1
Sukut (K211)	2
Total Personnel Onsite	**942**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Power Block 2- Establishing subgrade around Main Transformer for rock placement.**
- **Power Block 1- Establishing subgrade.**

Solar Field Header Piping (K021):
- **No Activity.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Installing silencer steel and pipe rack grating.**

Solar Field Above Ground Electrical (K029):
- **No Activity.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems.**
- **Unit 1- Installing conduit in Area's 12,13, 15, 16, 17, 18, 19, 21 and 23. Installing cable tray in Area's 20, 23 and 26. Pull cable to solar field, Area's 12 and 25. Installing tray, supports and equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **No Activity.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Clear	Temp-High 113	Winds-South at 6 mph

Solar Field 2 Block 4

Power Block 1- Feedwater Structure

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **No Activity.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Leveling SCA's in Block 6.**

HCE Tube Installation (K102):

- **No Activity.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	0
PMI (K022)	270
Newtron (K029)	0
Newtron (K030)	196
Fe Moran (K032)	0
Petrochem (K036)	0
BPC (K100)	10
BPC (K102)	0
B&W Fluid Dynamics (K205)	1
Sukut (K211)	0
Total Personnel Onsite	**591**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Unit 2- Establishing subgrade around Main Transformer for rock placement.**
- **Unit 1- Establishing subgrade.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 4 and North/South. Installing interconnecting pipe in Block 6. Fit up and install header pipe in Block 8.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Installing silencer steel and pipe rack grating. Prepping for hydro tests.**

Solar Field Above Ground Electrical (K029):
- **Unit 1-Terminating cable in Ring 1. Installing LOC's in Ring 7. Working substation D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in Area's 12,13, 15, 16, 17, 18, 19, 21 and 23. Installing cable tray in Area's 20, 23 and 26. Pull cable to solar field, Area's 12 and 25. Installing tray, supports and equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **Pulling and terminating in valve houses. Working Overflow Vessel sprinkler piping and prepping for tests.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Clear	Temp-High 109	Winds-South at 14 mph

Power Block 2 Pipe Rack 23

Solar Field 2 Blocks 3 and 4

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Unit 2- Insulating all systems in Areas 14,24,26 and 11. Installing Heat Trace, conduit and pulling cable to panels.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Placing signage and prepping to place rock at main transformers.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
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
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	1
Sukut (K211)	2
Total Personnel Onsite	**929**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 20, 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):
- **Unit 2- Working stair landings and ladder foundations.**
- **Common Area- Placing rock.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 4 and North/South. Installing interconnecting pipe in Block 6. Fit up and install header pipe in Block 8.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Installing Feed Water structure and pipe rack steel. Aligning main HTF pumps. Prepping for hydro tests.**

Solar Field Above Ground Electrical (K029):
- **Unit 1-Terminating cable in Rings 3 and 1. Installing flex in Rings 3 and 7. Working substation D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in Area's 12,13, 15, 16, 17, 18, 19, 21 and 23. Installing cable tray in Area's 20, 23 and 26. Pull cable to solar field, Area's 12 and 25. Installing equipment in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **Pulling and terminating in valve houses. Completed Overflow Vessel sprinkler piping and prepping for tests.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Clear	Temp-High 111	Winds-Southeast at 14 mph

Unit 2

Power Block 1 Reheaters

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Unit 2- Insulating all systems in Areas 14,24,26 and 11. Installing Heat Trace, conduit and pulling cable to panels.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Placing signage and prepping to place rock at main transformers.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
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
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	1
Sukut (K211)	2
Total Personnel Onsite	**929**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 21, 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):
- **Unit 2- Pouring stair landings and ladder foundations.**
- **Power Block 2- Establishing subgrade in Water Treatment area.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 4 and North/South. Installing interconnecting pipe in Blocks 4 and 6. Fit up and install header pipe in Block 8.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Working supports and inspecting STG bearings. Aligning main HTF pumps. Prepping for hydro tests.**

Solar Field Above Ground Electrical (K029):
- **Unit 1-Terminating cable in Rings 3 and 1. Installing flex in Rings 3 and 7. Working substation D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in all area's. Installing instruments in Area's 22, 23 and 13. Terminating in Area's 12,19 15 and 20. Pull cable to solar field, Area's 12 and 25. Installing equipment in the Electrical Building. Installing lights in Area's 13, 23 and 18.**

Fire Protection and Detection Systems (K032):
- **Pulling and terminating in valve houses. Prepping for Overflow hydro test.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Mostly Sunny	Temp-High 110	Winds-Southeast at 8 mph

Solar Field 1 Bridge 3

Power Block 1 STG

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Unit 2- Insulating all systems in Areas 14,24,26 and 11. Installing Heat Trace, conduit and pulling cable to panels. Insulating Steam Blow piping.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	6
Newtron (K030)	196
Fe Moran (K032)	10
Petrochem (K036)	121
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	1
Sukut (K211)	0
Total Personnel Onsite	**931**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Power Block 2- Pouring stair landings and ladder foundations. Establishing subgrade in Water Treatment area.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 4 and North/South. Installing interconnecting pipe in Blocks 4 and 6. Fit up and install header pipe in Block 8.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Working supports and inspecting STG bearings. Aligning main HTF pumps. Prepping for hydro tests.**

Solar Field Above Ground Electrical (K029):
- **Unit 1-Terminating cable in Ring 1. Installing flex in Ring 4. Working substation D.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in all area's. Installing instruments in Area's 22, 23 and 13. Terminating in Area's 12,19 15 and 20. Pull cable to solar field, Area's 12 and 25. Installing equipment in the Electrical Building. Installing lights in Area's 13, 23 and 18.**

Fire Protection and Detection Systems (K032):
- **Pulling and terminating in valve houses. Hydro tested Overflow sprinkler piping.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Clear	Temp-High 104	Winds-Southeast at 8 mph

Power Block 2- Pipe Rack 22 West

Power Block 2-Water Treatment Area

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **Unit 2- Insulating all systems in Areas 14,24,26 and 11. Installing Heat Trace, conduit and pulling cable to panels. Insulating Steam Blow piping.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 6. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2. Installing Crossovers and interconnects in Blocks 4 and 8.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **Power Block 2- Placing rock in Water Treatment area.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	6
Newtron (K030)	196
Fe Moran (K032)	10
Petrochem (K036)	121
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	1
Sukut (K211)	5
Total Personnel Onsite	**936**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Unit 1- Site restoration from overnight rain.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 4, 8 and North/South. Installing interconnecting pipe in Blocks 4 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Working supports and inspecting STG bearings. Aligning main HTF pumps. Prepping for hydro tests.**

Solar Field Above Ground Electrical (K029):
- **No Activity.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in all area's. Installing instruments in Area's 22, 23 and 13. Terminating in Area's 12,19 15 and 20. Pull cable to solar field, Area's 12 and 25. Installing equipment in the Electrical Building. Installing lights in Area's 13, 23 and 18.**

Fire Protection and Detection Systems (K032):
- **Unit 1-Hydro tested Main Transformer piping.**
- **Unit 2- Installed air lines to Heat Trace panels.**

Site Safety Topic Of The Week:
"Heat Transfer Fluid"

Weather		
Mostly Sunny	Temp-High 104	Winds-South at 11 mph

- **Site received ¾" of rain overnight.**

Power Block 1-STG

Power Block 1- Deaerator Tank

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **No activity.**

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Fabricating triple joints.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows and laying out equipment.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	0
Newtron (K030)	196
Fe Moran (K032)	3
Petrochem (K036)	0
BPC (K100)	5
BPC (K102)	10
B&W Fluid Dynamics (K205)	1
Sukut (K211)	0
Total Personnel Onsite	**664**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Unit 1- Site restoration from rain.**

Solar Field Header Piping (K021):
- **Unit 1- No production due to rain. Clean up from rain.**

Power Block Piping and Mechanical (K022):
- **Unit 1- No production due to rain.**
- **Unit 2- Clean up in Power Block for steam blows.**

Solar Field Above Ground Electrical (K029):
- **No production due to rain.**

Power Block Above Ground Electrical (K030):
- **Unit 1- No production due to rain. Receiving material.**

Fire Protection and Detection Systems (K032):
- **Unit 1-No production due to rain.**

Site Safety Topic Of The Week:
"Hearing Loss Prevention"

Weather		
Cloudy/Rainy	Temp-High 90	Winds-Northwest at 14 mph

- **Site received 1/2" of rain overnight.**

Power Block 1-Feedwater Structure

Solar Field 1 Block 6

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Insulation and Heat Tracing (K036):

- **No production due to rain. Receiving material.**

Pylon, SCE Assembly and Installation(K100):

- **No production due to rain.**

HCE Tube Installation (K102):

- **Unit 1- Fabricating triple joints.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	2
PMI (K022)	15
Newtron (K029)	0
Newtron (K030)	10
Fe Moran (K032)	2
Petrochem (K036)	5
BPC (K100)	5
BPC (K102)	10
B&W Fluid Dynamics (K205)	1
Sukut (K211)	0
Total Personnel Onsite	**164**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 27, 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):
- **Unit 1- Restoration from rain.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 8 and North/South. Installing interconnecting pipe in Blocks 4 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Working supports and inspecting STG bearings. Hydro testing HTF piping.**

Solar Field Above Ground Electrical (K029):
- **Unit 1-Working Substation A and terminating in Ring 2.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in all area's. Installing instruments in Area's 22, 23 and 13. Terminating in Area's 12,19 15 and 20. Pull cable to solar field, Area's 12 and 25. Terminating in the Electrical Building.**

Fire Protection and Detection Systems (K032):
- **Unit 1-Installing pipe and supports at the Expansion Tank.**

Insulation and Heat Tracing (K036):
- **Unit 2- Insulating all systems in Area's 14 and 26. Completing insulation on Train 1 and 2. Installing primary power conduit to panels.**
- **Unit 1- Setting Heat Trace panels and mobilizing crews.**

Site Safety Topic Of The Week:
"Hearing Loss Prevention"

Weather		
Clear	Temp-High 101	Winds-Southwest at 7 mph

Power Block 1-STG

Power Block 1- Ullage

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 4. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Prepping for steam blows.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	6
Newtron (K030)	158
Fe Moran (K032)	10
Petrochem (K036)	117
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	3
Sukut (K211)	0
Total Personnel Onsite	**891**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 28, 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):
- **Unit 1- Restoration from rain.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 8 and North/South. Installing interconnecting pipe in Blocks 4 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Working supports and inspecting STG bearings. Hydro testing HTF piping.**

Solar Field Above Ground Electrical (K029):
- **Unit 1-Working Substation A and terminating in Ring 2.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in all area's. Installing instruments in Area's 22, 23 and 13. Terminating in Area's 12,19,18,17,21 and 25. Pull cable in Area's 12 , 18 and 21.**

Fire Protection and Detection Systems (K032):
- **Unit 1-Installing pipe and supports at the Expansion Tank.**

Insulation and Heat Tracing (K036):
- **Unit 2- Insulating all systems in Area's 14 and 26. Completing insulation on Train 1 and 2. Installing conduit and pulling cable to panels.**
- **Unit 1- Setting Heat Trace panels and mobilizing crews.**

Site Safety Topic Of The Week:
"Hearing Loss Prevention"

Weather		
Clear	Temp-High 106	Winds-Southeast at 11 mph

Power Block 2- Initial Steam Generation

Solar Field 2 Block 4

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 4. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Began warm up and steam generation. Performed initial drain blow down. Prepping for ACC cleaning.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	117
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	3
Sukut (K211)	0
Total Personnel Onsite	**903**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Unit 1- Clean up from rain and tortoise fence repair.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 8 and North/South. Installing interconnecting pipe in Blocks 4 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 2- Continue punch list on various systems for turnover.**
- **Unit 1- Installing and welding pipe in all areas. Welding out interconnecting pipe on both Trains. Post weld heat treat on Train 1. Hydro testing HTF piping. Aligning Feedwater pumps.**

Solar Field Above Ground Electrical (K029):
- **Unit 1-Working Substations A and C. Terminating in Ring 3. Installing LOC's and flex in Ring 7.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in all area's. Installing tray in Area's 11,22,17 and 24. Terminating in Area's 12,18,17 and 20. Pulling cable in Area's 23,17,18,23,21,12 and 20.**

Fire Protection and Detection Systems (K032):
- **Unit 1-Installing pipe and supports at the Expansion Tank.**

Insulation and Heat Tracing (K036):
- **Unit 2- Insulating all systems in Area's 14 and 26. Completing insulation on Train 1 and 2. Installing conduit and pulling cable to panels.**
- **Unit 1- Setting Heat Trace panels and mobilizing crews.**

Site Safety Topic Of The Week:
"Hearing Loss Prevention"

Weather		
Clear	Temp-High 98	Winds-South at 14 mph

Power Block 2- Pipe Rack 22 West and PDC 2A

Solar Field 2 Blocks 8 and 7

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Setting SCE's in Block 4. Leveling SCA's in Block 4. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Continued warm up and steam generation. Prepping for ACC cleaning.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	117
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	0
Total Personnel Onsite	**904**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Genesis Solar, LLC.
Blythe, California
Daily Report

August 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):
- **Unit 1- Pouring electrical supports. Clean up from rain.**

Solar Field Header Piping (K021):
- **Unit 1- Installing and welding header pipe in Block 6, 8 and North/South. Installing interconnecting pipe in Blocks 4 and 6.**

Power Block Piping and Mechanical (K022):
- **Unit 1- Installing and welding pipe in all areas. Post weld heat treat on Feedwater piping. Prepping for hydro tests. Working punch list on Closed Cooling, Circulation Water and Demineralized Water. Detailing Steam Turbine Generator Steel.**

Solar Field Above Ground Electrical (K029):
- **No Activity.**

Power Block Above Ground Electrical (K030):
- **Unit 2- Work punch list on various systems. Installing tray covers and lighting.**
- **Unit 1- Installing conduit in all area's. Installing tray in Area's 11,22,17 and 24. Terminating in Area's 12,18,17 and 20. Pulling cable in Area's 23,17,18,23,21,12 and 20.**

Fire Protection and Detection Systems (K032):
- **No Activity.**

Insulation and Heat Tracing (K036):
- **Unit 2- Insulating all systems in Area's 14 and 26. Completing insulation on Train 1 and 2. Installing conduit and pulling cable to panels.**

Site Safety Topic Of The Week:
"Hearing Loss Prevention"

Weather		
Partly Cloudy	Temp-High 101	Winds-South at 10 mph

Power Block 2- Pipe Rack 23

Power Block 1- Pipe Rack 22 East

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

Pylon, SCE Assembly and Installation(K100):

- **Unit 1- Leveling SCA's in Block 4. Aligning pylons in Block 8.**

HCE Tube Installation (K102):

- **Unit 1- Installing HCE tubes in Block 7. Welding in Block 2. Testing in Block 2.**

Pre-commissioning B&W Fluid Dynamics (K205):

- **Continued warm up and steam generation. Prepping for ACC cleaning.**

Finish Grade and Final Paving (K211):

- **No Activity.**

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	19
BPC (K021)	65
PMI (K022)	270
Newtron (K029)	0
Newtron (K030)	170
Fe Moran (K032)	0
Petrochem (K036)	117
BPC (K100)	20
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	0
Total Personnel Onsite	**825**

Daily Report contents shall not be forwarded or distributed without prior written consent of NextEra Energy

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**
Thu. 8/01	196602	242715	302015		
Fri . 8/02	196602	243376	302365		
Sat. 8/03	196602 acre feet x .001	243376 acre feet x .001	302365 acre feet x .001	78762 00 (out of service)	Friday reading 08/02
Sun. 8/04	196602	243376	302365		
Mon. 8/05	196602	243967	302749		
Tue. 8/06	196602	244525	303095		
Wed. 8/07	196605	245133	303306		
Thu. 8/08	196605	245771	303579		
Fri. 8/09	196605	246272	304350		
Sat. 8/10	196605 acre feet x .001	246272 acre feet x .001	304350 acre feet x .001	78762 00 (out of service)	Friday reading 08/09
Sun. 8/11	196605	246272	304350		
Mon. 8/12	196605	246721	305048		
Tue. 8/13	196605	247225	305837		
Wed. 8/14	196609	248666	306904		
Thu. 8/15	196609	248889	307261		
Fri. 8/16	196609	249118	307562		
Sat. 8/17	196609 acre feet x .001	249118 acre feet x .001	307562 acre feet x .001	78762 00 (out of service)	Friday reading 08/16
Sun. 8/18	196609	249118	307562		
Mon. 8/19	196609	249631	309800		
Tue. 8/20	196609	250224	310872		
Wed. 8/21	196609	250612	311478		
Thu. 8/22	196609	251020	312203		
Fri. 8/23	196609	251408	312904		
Sat. 8/24	196609 acre feet x .001	251408 acre feet x .001	312904 acre feet x .001	78762 00 (out of service)	Friday reading 08/23
Sun. 8/25	196609	251408	312904		
Mon. 8/26	196609	251700	313649		
Tue. 8/27	196609	251826	313943		
Wed. 8/28	196609	252150	314001		
Thu. 8/29	196609	252819	314767		
Fri . 8/30	196609	253257	315008		
Sat. 8/31	196609 acre feet x .001	253257 acre feet x .001	315008 acre feet x .001	78762 00 (out of service)	Friday reading 08/30