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Genesis Solar Energy Project Eastern Riverside County, California

Genesis Solar, LLC

Monthly Compliance Report #36 October 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.....	10
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 October, 2013.

During the month of October 2013, Project activities included:

- Temporary fence removal commenced.
- High strength grouting of cross over piping and miscellaneous pipe supports completed in Unit 1 Block 4 & 8.
- Setting, installing and terminating instruments on North/South pipeway. Terminating fiber optic data cables in LOC's including welding and installation of HCE tubes in Block 4.
- Installing tray and conduit in areas 11, 13, 16 & 17, terminations in areas 11-14, 17 & 18, working instrument air.
- Unit 1 - Installing and welding pipe in areas 11, 12, 15, 20, 23, 24 & 26. Welding of working ladders, platforms, STG enclosure steel, boiler steam and boiler blowdown.
- Unit 1 - Completed hydro testing and aligning of HTF systems.
- Unit 2 – Commissioning heat trace systems. Installing valve blankets and conduit. Insulated expansion pipe rack and Block 6 header pipe.
- Placed base in common area and Unit 2. Removed tortoise fencing. Placed paving in Power Block 2.

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
10/07/13	CEC	TSE-7	Audio Recording 24HR notice of Synch CAISO
10/07/13	CEC	AQ SC8	ATC Renewal (Cooling Towers)
10/11/13	CEC	COM-06	September MCR
10/30/13	CEC	HAZ-2	Hazardous Materials Management Permit

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 October 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 October, 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 6:30 AM to 6:00PM and 25 mph posted for the night hours in the month of October.
- 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 October.

AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting

Requirement: The AQCMMD conducted an audit of all equipment on site to ensure California Air Resources Board compliance tags were properly affixed and fire extinguishers were onboard. Any deficiencies found were corrected. All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.

A list of heavy equipment present on site during the month of October, 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 October 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 October. 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 October, the total number of personnel who received the Construction Worker Environmental Awareness Training was 43. The number of personnel who have received the training to date is 4271. 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 October.

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 October.

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 October.

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 October.

WASTE-6: Hazardous Waste Generator Identification Number

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

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

WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment

Requirement: Submit compliance documentation and inspection approvals.

There were no significant injuries in the month of October.

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

Weekly bulletins are enclosed in Appendix F.

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

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

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

GEN-3: CBO Payments

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

1 Invoice, in the amount of \$213,475.39, was paid to the CBO during the month of October.

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 October.

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 October.

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 October.

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 October.

See Appendix G

COMPLIANCE-13 – Post Certification Amendments

No Amendments submitted/approved for the month of October.

Compliance Matrix

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
1	CEC	x			AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	Assign Air Quality Construction Mitigation Manager	ECM	> 30d pt gd		12/17/10	11/16/2010 1/13/11	Approved 12/2/2010
2	CEC		x		AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	AQCOMM remain onsite to monitor construction activities	ECM	Ongoing				
3	CEC	x			AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	Prepare Air Quality Construction Mitigation Plan (AQCMP)	ECM	> 30d pt gd		12/17/10	23-Nov-10	Approved 12/2/2010
13	CEC		x		AQ-SC7	Dust Control Plan - Construction	Submit Operations Dust Control Plan.	Operations	> 30d pt operation		10/01/13		CEC Approved 110110
17	CEC	x	x	x	AQ-SC8	Air permit submittals	Submit copies of District issued Authority to Construct & Permit to Operate Documents.	Fluor	< 5d from date of submittal or receipt			12-Dec-10	Approved 1/17/11
33	CEC		x		AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit a monitoring and change-out plan for the system.	McCord	pt initial start up		08/01/12		CEC Approval
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
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
41	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify <u>District</u> and <u>CPM</u> 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
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 <u>CPM</u> 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
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
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
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
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
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
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
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
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

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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
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
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, complete implementation within 2yrs of start of construction.	Tetra Tech	< 24m after start of construction		01/05/13		N/A- Distribution Study not implemented
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
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, 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
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

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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
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 on 1/25/13 North Pond
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
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
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
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
282	CEC	x			BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Submit a final CST Protection and Mitigation Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	11/20/2010 resubmitted 1/5/11 1/10/11	Approved 1/11/11
287	CEC		x		BIO-28	Golden Eagle Inventory and Monitoring	Submit results of eagle inventory.	Tetra Tech	< 30d of survey completion		06/30/11		
288	CEC	x			BIO-29	in-Lieu Mitigation Option	Notify CEC if an in-lieu fee is preferred for bio mitigation.	NextEra	pt construction-related gd		01/16/11	23-Dec-10	NA

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

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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
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
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				
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
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		
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
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 construction		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
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
423	CEC	x			Soil & Water-8	Revised Project Drainage Report and Plans	Submit a Revised Project Drainage Report with the 30 percent Grading and Drainage Plans.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	Complete
424	CEC		x		Soil & Water-9	Detailed FLO-2D Analysis	Submit a detailed FLO-2D analysis with the 30 percent Grading and Drainage Plans and revised Project Drainage Report.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	Complete
425	CEC		x		Soil & Water-10	Collector and Conveyance Channel Compliance with RCFCWCD	Submit two copies of the 30 percent channel design drawings.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11	Complete
426	CEC		x		Soil & Water-11	Channel Erosion Protection	Incorporate channel erosion protection methods (except "I") in the Grading and Drainage Plans and all submittals required in SOIL&WATER-8 through SOIL&WATER-10.	Fluor	> 60d pt site mobilization (plant)		03/02/11	Prelim 3/9/11	Complete
435	CEC	x			Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit Decommissioning Plans.	Worley Parsons	> 60d pt site mobilization		11/17/10	22-Oct-10	Approved 10/29/10
438	CEC	x			Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Submit a Water Supply Plan.	Jeff Harvey	> 30d pt GW extraction for const.		12/17/10	12/3/2010 resub. 2/1/11	Complete

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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
505	CEC	x	x	x	WASTE-6	Haz Waste Generator Identification Number	Obtain a hazardous waste generator identification number from USEPA prior to generating any hazardous waste. Retain a copy onsite.	Gavaldon	pt generating haz waste		10/31/13	MAY 2012 MCR and Formal Sub on 2/19/13	CEC Approval on 03/23/13
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
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
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
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
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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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/ T1 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
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
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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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	Approved by the CEC on 8/21/13
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. Resubmitt Submitted to the CEC on 10/01/13
432	CEC		x		Soil & Water-13	Channel Maintenance Program	Submit two copies a Channel Maintenance Program.	Gavaldon	> 60d pt start of project related activity				
535	CEC		x	x	GEN-1	2007 Ca Builiding Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO).	BV	< 30d of receipt				
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
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
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
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	11/12/13	Waiting on Approval by the CEC
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		
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		
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
377	CEC			x	NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	Operations	following first sustained output of 90%				
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				Submitted to the CEC on 10/01/13
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	
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				

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

#	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	
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	Implement Dust Control BMPs	Arneson			01/17/11		
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM 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	AQCOMM 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		
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		
16	CEC	x	x	x	AQ-SC8	Air permit submittals	Submit all modified or revised ATC/PTO documents and all federal air permits.	Gavaldon	< 15d of receipt			02/11/13 renewed	
18	CEC			x	AQ-1	Equipment Operation, Application Requirements - NG boilers	Operate NG boilers in compliance with all data and specifications submitted with application.	Operations	Ongoing				
19	CEC			x	AQ-2	Equipment fuel Use, Manufacturer Specifications - NG boilers	Fuel equipment only with NG. Operate and maintain in accordance with manufacturer recommendations.	Operations	Ongoing				
20	CEC			x	AQ-3	Emissions limits, reporting - NG boilers	Emissions shall not exceed the following hourly emission limits (see full text)	Operations	Ongoing				
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				
28	CEC			x	AQ-9	HTF Ullage/Exp. Tanks - HTF storage	Ullage tanks - This system shall store only HTF.	Operations	Ongoing				
29	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption 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 absorption 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 absorption system	Submit compliance documentation in Annual Compliance Report.	Operations	Annually				
32	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption system	Submit a yearly summary report of all VOC emissions.	Operations	Jan-31 Annually				
34	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption 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				
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		
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		

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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				
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				
54	CEC			x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Comply with drift rate emissions cap (<i>see full text</i>).	Operations	Ongoing				
56	CEC			x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit compliance documentation on operating emission rates with Annual Report.	Operations	Annually				
56B	CEC			x	AQ-21	Drift Eliminator Monitoring and Reporting - Cooling Towers	Perform weekly conductivity tests of the blow down water. Provide to the District, ARB and the CEC.						
58	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	Submit compliance documentation with Annual Report.	Operations	Annually				
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				
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 restrictions - 315 HP fire pump engines	Limit use for emergency power. Operate < 50hrs/yr for testing.	Operations	Ongoing				
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			
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				
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			
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				
89	CEC		x	x	AQ-45	Gas tank and pump - Vapor vent piping	Equip the vapor vent pipes with Husky 5885 pressure relief valves or as otherwise allowed by EO.	McCord	Ongoing				
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			

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
93	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Make test results available to CPM upon request.	Operations	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				
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				
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				
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. Inspect 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				
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		
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				
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
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				
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		
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		

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

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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				
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	
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 Qoal alluvium is reached. (including roads)	AECOM	daily				
323	CEC		x		CUL-8	Construction Monitoring Program	Notify CPM of NCRs win 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
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 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				
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				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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				
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				
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				
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				
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				
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				
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		
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				
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
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					
429	CEC			x	Soil & Water-12	Non-Transient Non-Community Water System	Submit updates annually for all monitoring requirements and submittals to County related to the permit, and proof of annual renewal of the operating permit.	Operations	Annually				
430	CEC		x	x	Soil & Water-13	Channel Maintenance Program	Supervise the implementation of a Channel Maintenance Program.	Operations	Ongoing				
431	CEC		x		Soil & Water-13	Channel Maintenance Program	Ensure the Project Construction Manager receive training on the Channel Maintenance Program.	McCord	Ongoing				
433	CEC			x	Soil & Water-13	Channel Maintenance Program	Submit a Channel Maintenance Program Annual Report, Channel Maintenance Work Plan, and Lessons Learned with the Annual Compliance Report.	Operations	Annually				
436	CEC			x	Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit amended Decommissioning Plans should the decommissioning scenario change in the future.	Operations	Ongoing				
437	CEC		x	x	Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Implement Water Supply Plan mitigation measures.	Jeff Harvey	Ongoing				
439	CEC			x	Soil & Water-16	Groundwater Production Monitoring	File an annual "Notice of Extraction and Diversion of Water" with the SWRCB. Include a copy of the Notice in the Annual Compliance Report.	Operations	Annually				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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 Measurements	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 Measurements	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				
474	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Submit compliance documentation.	Gavaldon	> 30d pt energization		08/09/13		
475	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Ensure all permanent metallic objects within the Tline ROW are grounded.	Watson	Ongoing				
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		
480	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM of lighting complaint resolution/implementation.	Gavaldon	< 48hr of resolution				
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		
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				
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				
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				
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		
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				
509	CEC		x		WASTE-9	Operation Waste Management Plan	Submit the Operation Waste Management Plan.	Operations	> 30d pt operation		10/01/13		
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				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
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				
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		
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				
556	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	The special inspector shall submit a final signed report to the RE, CBO, and CPM, stating compliance status.	BV	after construction completion		06/30/14		
559	CEC		x		GEN-7	Facility Design Discrepancy Documentation	If corrective action is not approved, advise CPM of the reason and the revised corrective action to obtain CBO's approval.	Koser	< 5d after CBO disapproval				
560	CEC		x		GEN-7	Facility Design Discrepancy Documentation	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work subject to CBO approval. Submit documentation to CBO for review and approval.	Koser	Ongoing				
561	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Retain one set of approved engineering plans, at the project site. Submit to the CPM a statement with location of stored documents.	Gavaldon					
562	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Submit to CBO statement of work completed, in conformance with plans and ready for inspection.	McCord	< 15d after construction completion		07/15/14		
564	CEC			x	GEN-8	As-builts, CBO Notification of Completion and Compliance	Provide CBO with a full set of electronic plans.	McCord	< 90d after construction completion		09/28/14		
565	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Notify the CPM after obtaining the CBO's final approval of work completed.	BV	< 15d after construction completion		07/15/14		
568	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	Submit modified plans to the CBO for review and approval based on these new conditions.	McCord	Ongoing				
569	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	Submit CBO approval of modified plans to CPM.	BV	< 24hr of approval				
570	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	RE to stop earthwork if he/she identifies unforeseen adverse soil or geologic conditions. Notify CPM within 24 hrs.	BV	< 24hr of discovery				
572	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Perform inspections in accordance with the 2007 CBC. Report any discrepancies immediately.	BV	Ongoing				
573	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	RE to submit a non conformance report (NCR) < 5d of discovery. Submit details of corrective action < 5d of resolution.	BV	< 5d of discovery				
575	CEC		x		CIVIL-4	Final Grading Plans - CBO submittal	After completion of finished grading and erosion and sedimentation	BV	< 30d completion of drainage work				
576	CEC		x		STRUC-1	CBO Submittals - Major Structure or Facility design Component, Statement of Submittal	control and drainage work, the project owner shall obtain the CBO's	McCord	< 30d after approval				
578	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	If NCR is disapproved the project owner shall notify the CPM within 5 days, the reason for the disapproval.	Koser	< 5d of NCR				
580	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	The Project Owner shall transmit a copy of the CBP's Approval or disapproval of the NCR corrective Action To the CPM within 15 days	Koser	< 15d CBO response				
581	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	Submit a copy of the NCR corrective action to the CBO and the CPM.	Koser	< 5d of resolution				
582	CEC		x		STRUC-3	CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs	Notify the CBO of any intended filing of design changes, and submit revisions on a schedule suitable to the CBO.	Watson	on a sched suitable to CBO				
588	CEC	x			STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Design tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC to comply with the requirements of that chapter.	McCord					
589	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Request CBO inspection of any such major piping or plumbing system.	McCord					
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		
601	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	McCord					
603	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	At least 30d pt the start of each increment of electrical construction, submit to the CBO for design review and approval the listed documents.	McCord	> 30d pt start of each increment of construction		04/01/11		
604	CEC		x	x	ELEC-1	CBO Submittal - Electrical Equipment and Systems	Retain approved final plant design plans and calculations onsite for the life of the project.	Operations					
608	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit letter of any construction phase schedule changes.	SWCA	< 5d of identification				
609	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If construction proceeds in phases, submit maps and drawings.	SWCA	pt start of each increment of construction				
610	CEC		x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	PRS or PRM consult weekly with the superintendent or construction field manager to confirm upcoming activity locations.	SWCA	until gd is completed				
613	CEC		x		PAL-3	Paleontological Resources Monitoring and Mitigation Plan	Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager and the CPM.	SWCA	Ongoing				

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

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
626	CEC		x		PAL-7	Paleontological Resources 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		
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		
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				
421A	CEC			x	Soil & Water-7	Septic System and Leach Field Reqs	Comply with County and State regs for sanitary waste disposal facilities.	Operations	Ongoing				
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				
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				
					AQ-8		See AQ-9						
					Gen 2		Revise list						

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

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 Drillin	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 Drillin	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 Drillin	CAT/Johnson	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Engine	DDC Diesel	130415	3/31/2014	NA	NA	NA	III	SouthWest Drillin	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/HB3 G78	NA	57-21	2007	600	III	Sukut	Sukut	(Recorded 9/20/2011)	4/9/2012	Removed from site
Backhoe	CAT 692	KK7C43	NA	430-D	NA	NA	III	SouthWest Drillin	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Motor Grader	CAT 140H	UN7F66	NA	4068	NA	NA	III	Sukut	Miller Blades	(Recorded 9/20/2011)	9/23/2011	Removed from site.
Scraper	CAT 657	TH4G47/UK3 K99	NA	57-22	2010	440	III	Sukut	Sukut	9/28/2011	4/20/2012	Removed from site
Scraper	CAT 657	XK3J33/GP8T 95	NA	57-60	2007	440	III	Sukut	Sukut	9/28/2011	4/11/2012	Removed from site
Scraper	CAT 657	DF9C83/DG6 M34	NA	57-66	2006	600	III	Sukut	Sukut	9/28/2011	4/12/2012	Removed from site
Scraper	CAT 657	VT6M63/FJ6 T95	NA	57-63	2006	440	III	Sukut	Sukut	9/29/2011	4/20/2012	Removed from site
Scraper	CAT 657	RX8U86/NP6 Y75	NA	57-33	2007	440	III	Sukut	Sukut	9/29/2011	4/10/2012	Removed from site
Scraper	CAT 657	AF3R99/AN5 G44	NA	57-28	2010	440	III	Sukut	Sukut	9/30/2011	4/13/2012	Removed from site
Scraper	CAT 657	CW5Y75/GJ9 T48	NA	57-29	2010	440	III	Sukut	Sukut	10/4/2011	4/10/2012	Removed from site
Scraper	CAT 657	KG5B54/SG3 N43	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	

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
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
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	UJ6V63	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/TP 5D95	NA	57-59	NA	440	III	Sukut	Sukut	10/25/2011	8/2/2013	
Scraper	CAT 657	VR9W59/DU 7M84	NA	57-41	NA	440	III	Sukut	Sukut	10/28/2011	8/2/2013	
Scraper	CAT 657	XG9N34/NY8 599	NA	57-40	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Scraper	CAT 657	NX6E67/XF4 H83	NA	57-56	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Skiploader	CAT 414E	KF6F93	NA	NA	2007	78	III	Sukut	Sukut	11/3/2011		
Water Pull	CAT	EINUN7B76	NA	NA	NA	NA	III	Sukut	Sukut	11/4/2011		
Scraper	CAT 657	LK5B78/PP9 G75	NA	57-41	NA	440	III	Sukut	Ren Trac	11/9/2011	4/12/2012	
Scraper	CAT 657	GW6L96/PG 6J43	NA	1265	NA	440	III	Sukut	Rent Trac	1/9/2012	8/16/2013	
Scraper	CAT 657	TP8386/4F55 38	NA	1257	NA	440	III	Sukut	Rent Trac	1/9/2012	8/16/2013	
Scraper	CAT 657	GT4449/T4G N36	NA	1229	NA	440	III	Sukut	Rent Trac	1/10/2012	8/22/2013	
Scraper	CAT 657	PD6T47/TM7 F56	NA	1248	NA	440	III	Sukut	Rent Trac	1/10/2012	8/1/2013	
Scraper	CAT 657	XC3E93/VX8 L63	NA	1355	NA	440	III	Sukut	Rent Trac	1/11/2012	8/22/2013	

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	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/R43 TG49	NA	37-05	NA	NA	III	Sukut	Sukut	1/3/2012	4/6/2012	
Generator	500 Kw	139957	8/31/2013	55-500	NA	NA	III	Sukut	RSC	1/3/2012		
Scraper	CAT 623	SF9V87	NA	1	2007	330	III	Sukut	Miller Blades	1/16/2012		

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	Notes
56kw Diesel Generator	386940	MQ POWER	N/A	N/A	8802129	2011	90	3	BPC	Quinn CAT	4/9/2012		
10k skytrac	510424	SKYTRAK	BH4V73	N/A	160049877	2011	110	3	BPC	Sunbelt	9/17/2013		
04 Kenworth T800 Water Truck	213015	Kenworth	8N99354	8/13/0000	1NKDLU0XX4R052569	2003	375	3	BPC	ARB, Inc	N/A		
International Tractor	201073	International	N/A	N/A	N/A	2006	245	3	BPC	ARB, Inc	7/3/2013		
10k 55' Boom Forklift	381625	SKYTRAK	TW7C45	N/A	0160035842	2008	110	3	BPC	Sunbelt	4/25/2012		
10k 55' Boom Forklift	381627	SKYTRAK	VR8X43	N/A	0160035426	2008	110	3	BPC	Sunbelt	9/17/2013		
30-33' RT Scissor Lift	246822	JLG	N/A	N/A	gs9006-43728	N/A	82	3	BPC	Sunbelt	9/18/2013		
30-33' RT Scissor Lift	243032	JLG	N/A	N/A	0200188034	N/A	82	3	BPC	Sunbelt	11/1/2012		
30-33' RT Scissor Lift	246878	JLG	N/A	N/A	0200190901	N/A	82	3	BPC	Sunbelt	12/6/2012		
30-33' RT Scissor Lift	247845	JLG	N/A	N/A	0200191464	N/A	82	3	BPC	Sunbelt	1/8/2013		
30-33' RT Scissor Lift	249299	JLG	N/A	N/A	0200191618	N/A	82	3	BPC	Sunbelt	10/11/2012		
56KW Generator	467644	MQ POWER	N/A	N/A	8802310	2011	90	3	BPC	Sunbelt	10/10/2012		
Miller Pro 300 Welder	RLF2374	Miller	N/A	N/A	yd-mm480160	N/A	20.2	4	BPC	ARB, Inc	12/17/2012		
Miller Pro 300 Welder	RLF2398	Miller	N/A	N/A	yd-mm500024	N/A	20.2	4	BPC	ARB, Inc	1/10/2013		
Miller Pro 300 Welder	RLF2404	Miller	N/A	N/A	yd-mm500019	N/A	20.2	4	BPC	ARB, Inc	1/14/2013		
Miller Pro 300 Welder	RLF2408	Miller	N/A	N/A	yd-mm500028	N/A	20.2	4	BPC	ARB, Inc	1/14/2013		
Peterbuilt T800 Water Truck	213020	Peterbuilt	N/A	N/A	1nplt0x95d862426	2003	375	3	BPC	ARB, Inc	11/19/2012		
10k 55' Boom Forklift	454967	SKYTRAK	XB3W68	NA	0160046153	2012	100	4I	BPC	Sunbelt	8/28/2012		

Genesis Solar Energy Project
PMI Over 50hp Diesel Equipment List

10/20/2013

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	9/6/13	Off Rent
Rough Terrain Crane	Grove RT 875E	WS9Y85	N/A	226419	2007	240	III	Dielco Crane	N/A	9/24/12	8/30/13	Off Rent
8000# Fork Lift	SKYTRK/8042	TA7K46		849621	2012	110	IIII	PMI	United	6/25/12	10/11/13	Off Rent
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	Off Rent
12000# Fork lift	XRM1254	FC6P67	NONE	XRM1254050790428	2007	108	III	PMI	Ahern	8/24/12	9/23/13	Off Rent
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	8/23/13	Off Rent
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	Off Rent
10000# Forklift	Gehl/DL11-55	PK5G37	None	DL1155HJD0741530	2012	115	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	8/21/13	Off Rent
12000K Fork Lift	Gehl/DL12 IT4	FA3W69	NONE	DL1240HJD0850934	2012	115	4	PMI	KING EQUIP	9/27/12	9/23/13	Off Rent
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	10/19/13	Off Rent
65kva Generator	MMD PowerPro65	158402	5/31/2015	1478B10284	2011	97.9	III	PMI	Red-D-Arc	10/11/12	10/19/13	Off Rent
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	8/21/13	Off Rent
375 CFM compressor	Atlas Capco	142869	NONE	PE4045H660408	2010	124	III	PMI	Ahern	10/17/12	9/27/13	Off Rent
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	9/20/13	Off Rent
Rough Terrain Crane	Link-Belt RTC 8090	WD7557	N/A	N4K33407	2013	275	IIII	Dielco Crane	N/A	3/5/13	9/20/13	Off Rent
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	9/28/13	Off Rent
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	9/16/13	Off Rent

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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 OCTOBER 2013**



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October 2013

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
INTRODUCTION	3
PROJECT LOCATION AND DESCRIPTION	4
MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS	4
SUMMARY OF ACTIVITIES.....	56
WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP).....	104
GENERAL DAILY NOTES AND OBSERVATIONS.....	104

ATTACHMENTS

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

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INTRODUCTION

AECOM biologists are performing biological resource construction monitoring for the Genesis Solar Energy Project (Project or GSEP) on behalf of Genesis Solar, LLC. The GSEP construction activities are currently focused on the Plant Site (approximately 1,727 acres), Temporary Desert Tortoise Exclusion Fence Removal, and Transmission Line completion during the month of October. Surveys for the transmission line construction activities 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 October 2013. The following biological surveys and monitoring took place in October 2013:

- Weekly reconnaissance for ravens, focusing on potential subsidies; and, daily recording of raven sightings.
- Biological monitoring of the Plant Site, Access Road, and Transmission Line.
- 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, fiber line 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 October 2013, Project activities, with exception of water spills that occurred on October 16 and 31, 2013, were in compliance with the COCs that apply to the construction activities. The spills occurred in the evenings and were remediated the following morning.

SUMMARY OF ACTIVITIES

Weekly activities for the month consisted of:

- General Construction Monitoring
 - Monitored Plant Site – General site activities including Powerblock one construction, Powerblock two activation, mirror installation, piping and, laydown yard activities. All Plant Site construction activities occurred within the desert tortoise (DT) exclusion fencing. There was one fox observed onsite inside the fence at Unit 2. The fox was flushed and exited through the vehicle Service Gate which was opened to allow fox egress. Attempts to identify ingress and egress points for the fox are being made and there has been an emphasis made on gate closures. No other special status species sightings were observed on site during the month of October. The temporary exclusion 6' high chain link fence installed in February 2013 around a pipe laydown to discourage fox use remained in place. 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 this area. 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 October 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 (06:30 to 18:00) speed limit is 45 MPH. The nighttime (18:01 to 06:29) 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 active DKF dens is in effect. Asphalt cutting was conducted across the access road (four cuts; 100 feet total) without biological monitoring on October 4. The tool used was a handheld diamond bit circular saw. Compliance was notified and has worked with management and the contractor to prevent a reoccurrence. It appears as if no biological resources were impacted. No sensitive species were found during access road monitoring activities during the month of October.

- Monitored archaeological corings near Ford Dry Lake outside of the tortoise exclusion fence.
- 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. There was water ponding that lasted more than one hour in the Powerblock One and Powerblock Two areas. Compliance and management determined the cause of the leak in Powerblock One to be a valve that was left open and the cause of the leak in Powerblock Two was determined to be an overflow of water caused by condensation. No impacts to biological resources were detected as a result of the spill. Following notification to agencies by the Genesis compliance team, water is discharged into the Heat Transfer Fluid (HTF) pit. The water is then pumped from the HTF pit to the evaporation ponds. Compliance team agreements with the agencies included the use of netting, flagging and pumps at the HTF pit to reduce potential impacts to wildlife. These agreements have been reviewed with the compliance team.
- In accordance with conditions, if reportable spills of significant materials 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 agency reporting. Two HTF spills of less than 40 gallons were reported in Powerblock Two, one from a relief valve and the other from a pressure release into the quench pit. Cleanup and response was managed by the Genesis compliance team. No biological impacts were detected resulting from the spill.

- 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. Two bird mortalities occurred in September 2013 and the discussion of these mortalities is included here due to inadvertent omission in the September MCR summary. The avian reporting forms for these mortalities were included in the September MCR. The first September mortality was associated with the water within the pond, an unidentifiable water bird species (due to deterioration). The carcass was not able to be recovered for further identification. The second mortality in September (species: grebe) was associated with the evaporation pond netting of the south pond and has been left in place. In October 2013, one bird mortality (species: Clark's grebe) occurred in the north evaporation pond netting. The carcass has been left in place. The remains of this mortality and the May 2013 pied-billed grebe mortality (previously reported) have disarticulated and are no longer present.

- Exclusion Fence Monitoring

- The permanent tortoise exclusion fence was inspected on a weekly basis. Areas of required repair and maintenance were reported to compliance. The permanent fence with tortoise fencing and tortoise gates is intact and being used to exclude desert tortoise site access.
- Removal of the temporary exclusion fence initiated in the month of September continued. Temporary exclusion fence removal activities were monitored. The ground beneath equipment parked outside the permanent 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 the fence removal activities during the month of October.

- 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 transmission pole removal, temporary tortoise exclusion fence removal, asphalt cutting, and archaeological activities (coring) in Ford Dry Lake 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 October requiring surveys (surveys were only conducted for limited transmission line completion activities and for archeological coring). 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 October 2013 are summarized below.

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 97 incidental raven sightings during 24 monitoring days. This represents a month-over-month increase¹ in incidental raven observations.

Formal raven monitoring in accordance with the COCs consisted of monthly and bi-weekly surveys per the Raven Plan. There are seven raven monitoring point locations (Attachment 1). Ravens recorded are within an 800m radius. No ravens were observed during surveys conducted on October 1, 7 or 21. One raven was 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. The nest is no longer active and no DT remains were found beneath the nest.

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

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

¹There were approximately 38 incidental raven sightings in September 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. The FONSI and DR were signed by the Field Office on August 13, 2013 and provided to the Genesis Compliance team in September 2013. The final signed PUP was provided to the Genesis Project in October 2013. A treatment plan prepared in accordance with the Weed Management Plan and is ready for implementation if weeds are present in disturbance areas at that time. If treatment with herbicides occurs onsite, a Pesticide Use Record (PAR) will be provided to the BLM within 24 hours of treatment.

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

GENERAL DAILY NOTES AND OBSERVATIONS

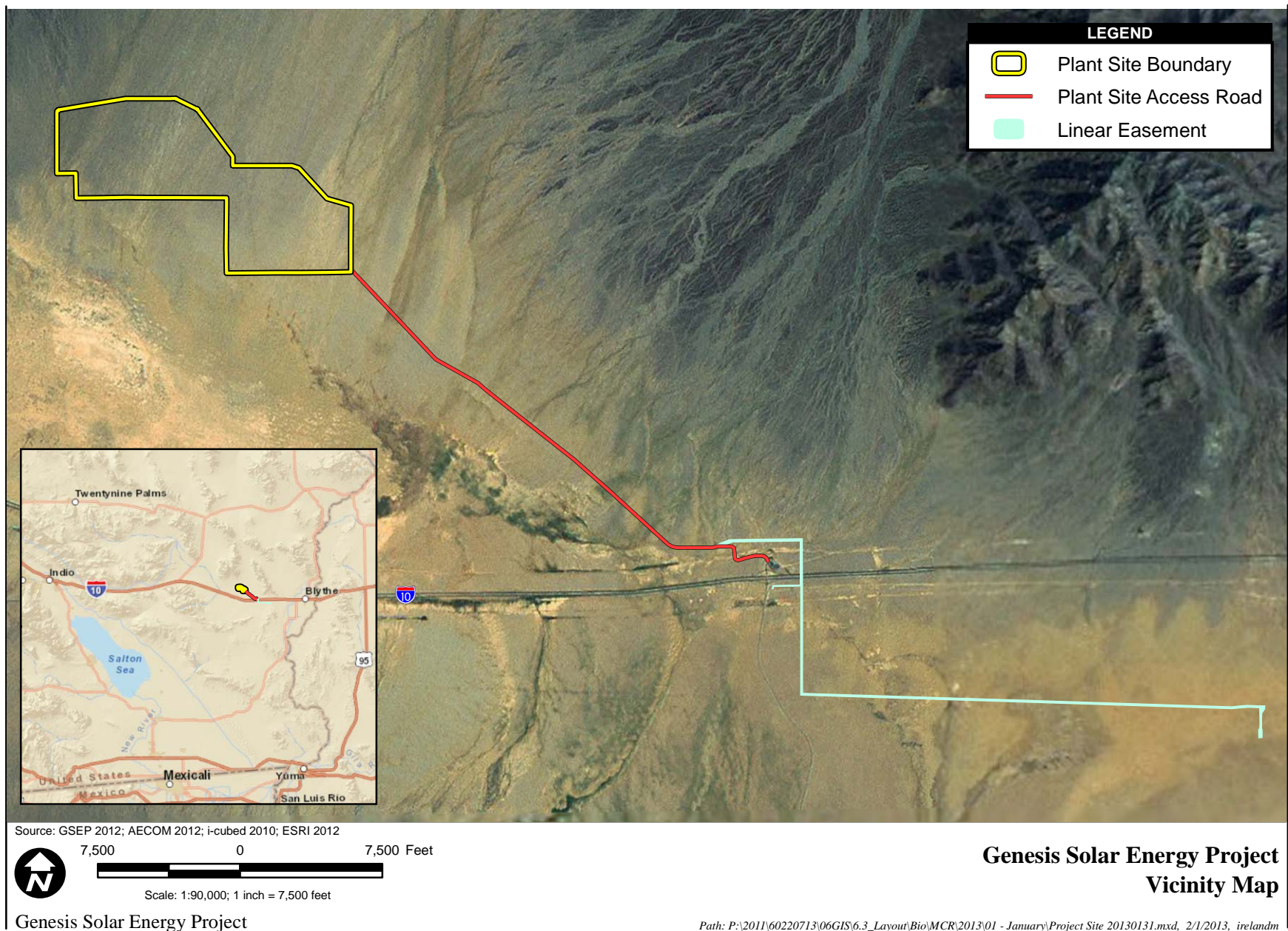
Daily notes detailing compliance monitoring activities are provided in the forms attached (Attachments 3 and 4).

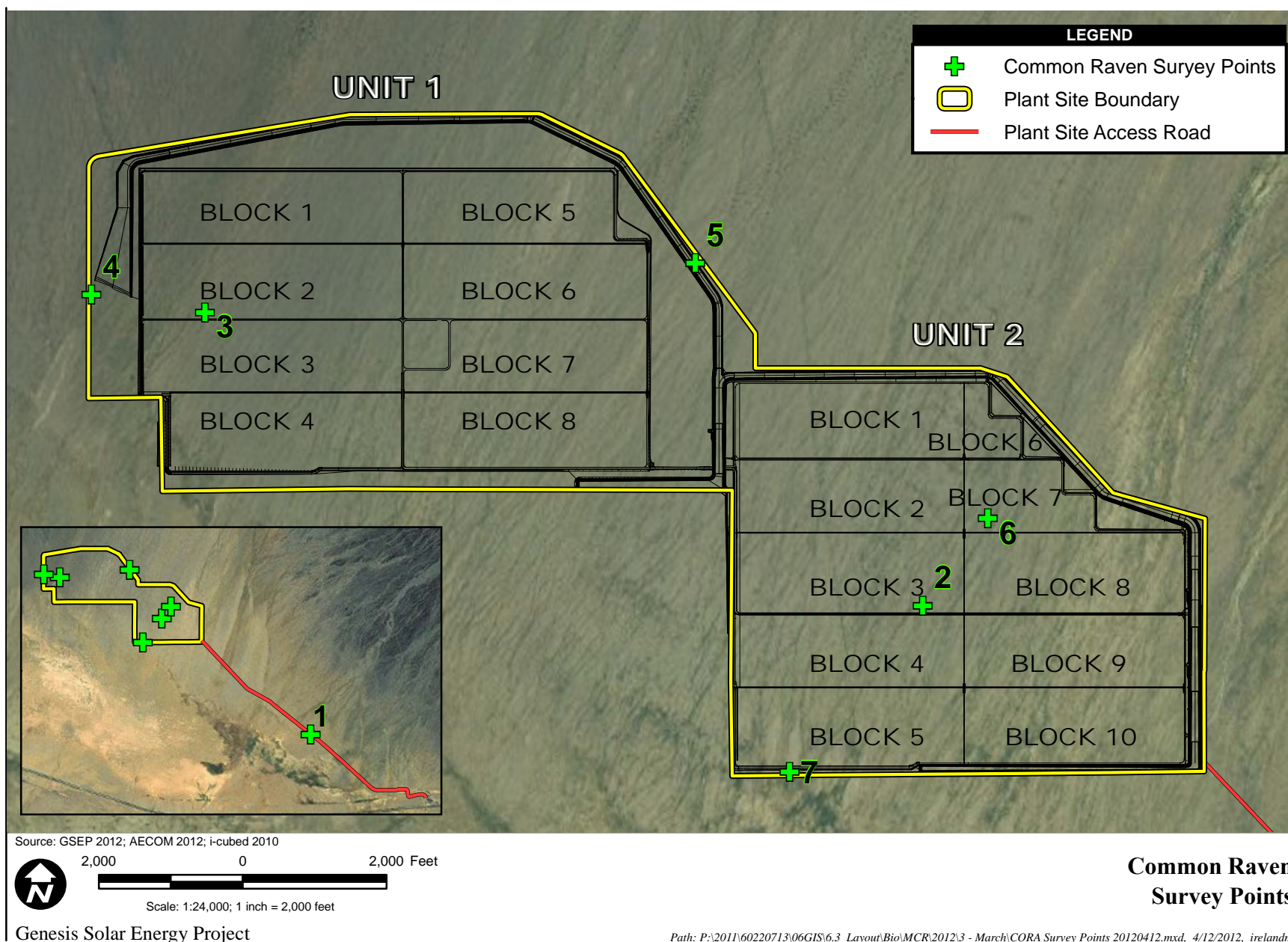
REFERENCES

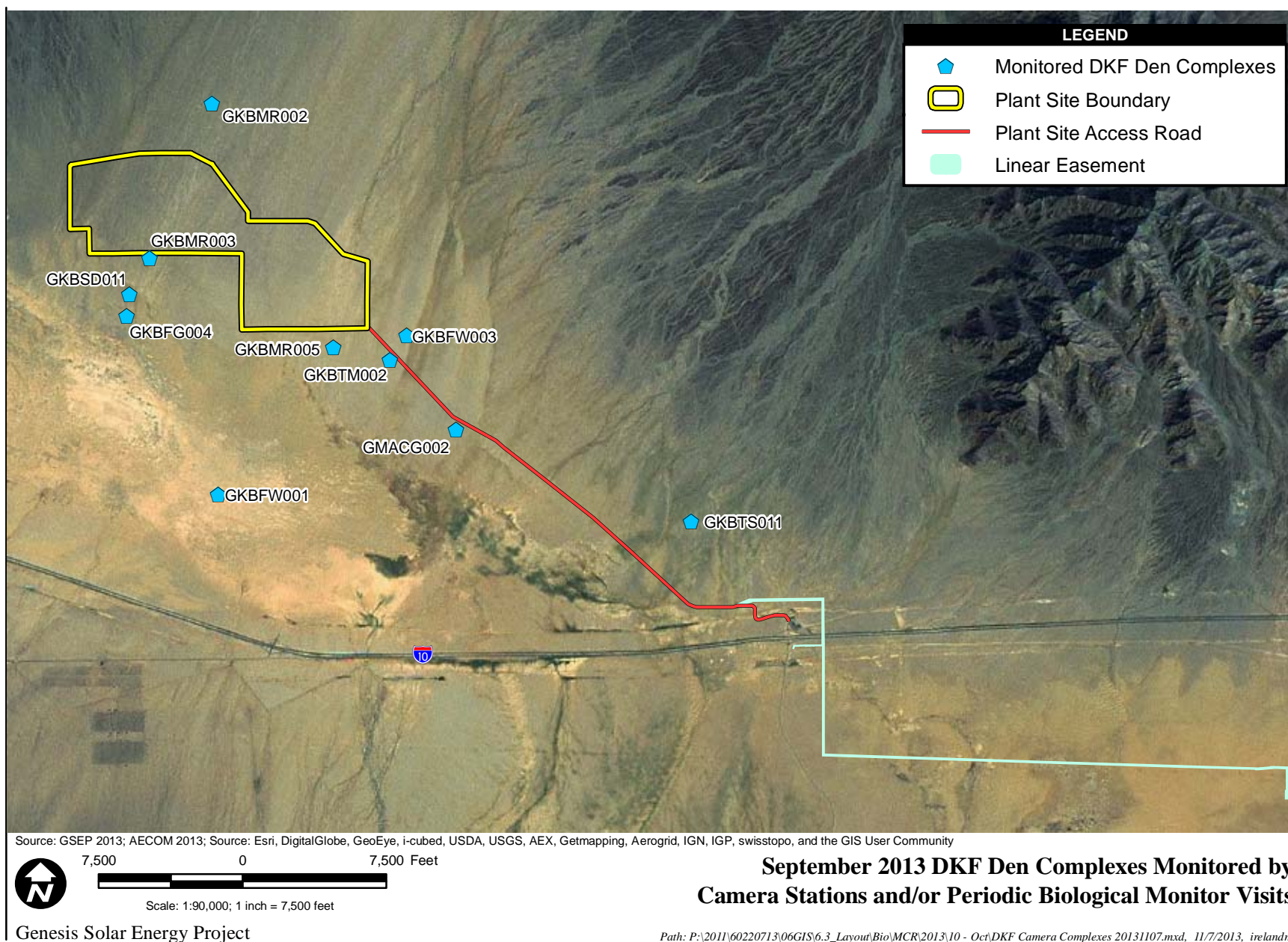
Not applicable during this reporting period.

ATTACHMENT 1

FIGURES







ATTACHMENT 2

SPECIES OBSERVED DURING FEBRUARY SURVEYS AND MONITORING

SPECIES OBSERVED DURING OCTOBER SURVEYS AND MONITORING

Animals:

Coyote
Desert kit fox
Kangaroo rat (sp.)

Birds:

American avocet
American kestrel
Barn swallow
Belted kingfisher
Blue-winged teal
California horned lark
Clark's grebe
Cliff swallow
Common raven
Cooper's hawk
Eared grebe
Great blue heron
Great egret
Great tailed grackle
Green-winged teal
House finch
Kestrel
Lesser goldfinch
Loggerhead shrike
Marsh wren
Mourning dove
Northern flicker
Northern harrier
Northern rough-winged
swallow
Orange-crowned warbler
Pintail
Prairie falcon
Red-tailed hawk
Rock wren
Sage sparrow
Sandpiper
Say's phoebe
Turkey vulture

Reptiles:

Coachwhip
Desert horned lizard
Desert iguana
Mojave fringe-toed lizard
Side-blotched lizard
Sidewinder
Western shovel nosed snake
Whiptail lizard
Zebra-tailed lizard
Coachwhip
Desert horned lizard
Desert iguana
Side-blotched lizard
Sidewinder
Whiptail lizard
Zebra-tailed lizard

ATTACHMENT 3

DAILY BIOLOGICAL MONITORING LOGS

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/1/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 97 Low Temp (°F): 67

Start Time: 7:15:00 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: 0715 and throughout day inspect access road. Removed 1 live tarantula, removed and disposed 1 krat mortality. 0815 inspect perimeter fence unit 2. No breaches, areas of maintenance forwarded to compliance. 1100 inspect evap ponds. No new findings. 1200 office. 1345 inspect perimeter fence unit 1. Areas of maintenance identified. Fence intact.

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		Picked up 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 vehicle pass another vehicle on access road. Informed receiving
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	All work inside fence.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			4 perched.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, RTHA, Prairie Falcon, Phoebe.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/1/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 96 Low Temp (°F): 63

Start Time: 6:00:00 AM Stop Time: 3:00:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0615 attended Sukit tailboard meeting
 0615-0625 checked evap ponds
 0630-0930 conducted raven surveys
 0945-1100 picked up avian mortality
 1140-1240 collected kit fox camera card at Yentl burrow area
 1340-1500 walked half of unit one 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			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;
 Prairie falcon
 Say's phoebe
 Northern harrier
 Loggerhead shrike
 Green wing teal

Date & Time: Tue Oct 3 10:17:44 PDT 2015
Position: 11 N 885550 3727530
Altitude: 520ft
Azimuth/Bearing: 008° 40.0E 0142mils (True)
Elevation Angle: -55.3°
Horizon Angle: +11.9°
Zoom: 1X
avian mortality unit 1 drainage ditch 100 feet east of bkgk 6 row 54



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/2/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 97 Low Temp (°F): 65

Start Time: 8:00:00 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: 0800 survey structure 58 and access road. No sensitive species findings. 1200 inspect evap ponds. No avian findings. 1245 collect bat off south unit 1. 1315 office. 1545 inspect area of reported HTF spill.

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		Noted food litter that appears to have been thrown over 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			2 perched near channel
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Desert horned lizard, zebra tailed lizard, desert iguana, whiptail lizard, prairie falcon.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/2/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 95 Low Temp (°F): 63

Start Time: 6:00:00 AM Stop Time: 3:49:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0620 attended construction tailboard meeting
 0630-0700 monitored evap ponds
 0745-1145 surveyed SCE pole removal area south of freeway
 1230-1340 set up kit fox cameras for Bug and Jitter
 1400-1547 placed lath for access road entrance for SCE work for power pole removal

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			Bio surveys conducted for SCE power pole removal
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
 Loggerhead shrike
 Turkey vulture
 Desert iguana
 Zebra tail lizard
 Desert horned lizard
 Barn swallow
 Prairie falcon
 Red tail hawk
 Says phoebe

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/3/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 91 Low Temp (°F): 70

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 inspect access road, and throughout day. Removed 4 krat mortalities. 0745 contacted crew inspecting transmission line. Reminded them to stay on roads and limit disturbance. 0900 remove and release tarantula power block 1. 0945 inspect temp fence removal. Activities monitored. 1100 office. 1300 inspect unit 2. Noted htf odor. Reported to compliance. 1400 meeting. 1440 salvaged after contact with USFWS Law Enforcement bird mortality at former laydown between common area and assembly building. 1615 off 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		More food litter outside fence. Reported to compliance.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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 10/3/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 92 Low Temp (°F): 63

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

Sites Monitored

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

Activity Log: 0600-1445 monitored removal of DT fence south side of unit 1
 1500-1520 monitored evap ponds
 1530-1600 surveyed inside DT fence in unit 1 and unit 2

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Cleared area for DT fence removal
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
 Coopers hawk
 Red tail hawk
 Turkey vulture
 Desert iguana

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/4/2013

Monitor: Ron Walker
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 59

Start Time: 6:00:00 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: 0600-0620 attended construction crew tailboard meeting
 0640-0710 cleared area where power pole removal took place
 0715-0750 cleared access road
 0800-0810 conducted tailboard meeting with power pole removal crew
 0830-1330 Monitored removal of power poles
 1330-1530 monitored plant 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			Cleared area for power pole removal
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;
 Says phoebe
 Red tail hawk
 Barn swallow
 Prairie falcon
 Coopers hawk

Date & Time: Thu Oct 3 14:43:00 PDT 2013
Position: 11 N 685710 3727004
Altitude: 384ft
Azimuth/Bearing: 321° N39W/ 5707mils (True)
Elevation Angle: -88.6°
Horizon Angle: +76.9°
Zoom: 1X
bird mortality: old laydown removed



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/7/2013

Monitor: Andrew Fisher
 Weather Conditions: Partly Sunny, Clouds: 50%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 68

Start Time: 8:05:00 AM Stop Time: 3:19:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: Arrived onsite and monitored desert tortoise exclusion fence removal. Observed 3 CORA in southeast corner of Unit 2 along wooded power poles. Then at 9:30 I began to conduct common raven point counts. At 11:45 I swung by the evaporation ponds and observed an adult great egret perched atop the netting above the southern evap pond. I ended the raven point counts at 12:40.

At 1 pm I began to monitor the DETO exclusion fence removal in the southeast corner of unit 1. At 2:30 I assisted in the recovery and data collection of two avian carcass mortalities. I left the site at 3:24.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 CORA observed in the southeast corner of unit 2 at 10:15 perched atop the wooden power poles. At 2 PM a flock of six CORA flew over unit 2 and headed towards the common area in unit 1.
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 10/7/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 55%, Pcp: None
 High Temp (°F): 91 Low Temp (°F): 54

Start Time: 6:00:00 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: 0600-0630 cleared access road
 0630-1200 monitored DT fence removal
 1200-1220 checked evap ponds
 1300-1330 checked for bee hives in unit 1 block 7
 1330-1600 worked on collecting two avian mortalities

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Cleared area for DT fence removal
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;
 2 Mourning dove
 Marsh wren
 Prairie falcon
 American kestrel
 Zebra tailed lizard

Date & Time: Mon Oct 7 14:51:52 PDT 2013
Position: 11 N 684663 3737130
Altitude: 364ft
Azimuth/Bearing: 128° 352E 2176m/s (True)
Elevation Angle: -75.5°
Horizon Angle: +25.6°
Zoom: 1X
avian mortality unit 1 block 2 row 2



Date & Time: Mon Oct 7 15:18:35 PDT 2013
Position: 11 N 686575 3735654
Altitude: 473ft
Azimuth/Bearing: 288° N74W 5084m/s (True)
Elevation Angle: -83.3°
Horizon Angle: +22.2°
Zoom: 1X
avian mortality unit 2 block 5 row 12 south end



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/8/2013

Monitor: Andrew Fisher
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 55

Start Time: 6:23:00 AM Stop Time: 6:32:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One:	Plant Site	Access Road	Gas Line	Transmission Line		Other (explain)
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Activity Log: Arrived onsite and drove to evap ponds to conduct monthly monitoring. From 6:38-8:38 conducted the morning monitoring session. One northern pintail observed flying overhead trying to land on the ponds. It was chased away. One American avocet and one great egret were perched on the northern evap pond netting and were chased away. One savannah sparrow was inside the northern evap pond netting and it later flew out.

From 9-11am I monitored the DETO exclusion fence removal along the west side of unit 2. No wildlife detected.

From 11-12pm I conducted the midday evap pond monitoring.

Then I began a perimeter fence check by walking around the outside of the unit 1 perimeter fence until 4pm.

From 4-6pm I conducted the evening evap pond check and then left the 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 CORA observed flying around evap ponds at 0700. At 2:30 pm I observed 6 CORA flying along the access road about a mile north of the entrance gate. At 3:15 I saw 1 CORA flying along the drainage channel on the north side of unit 1.
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 10/8/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 56

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0645 attended construction crew tailboard meeting
 0645-1500 monitored DT fence removal
 1530-1630 walked one half unit 1
 1645-1730 surveyed for 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			Two ravens on unit 2 western boundary fence
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed;
 Great egret
 Pintail
 Loggerhead shrike
 Red tail hawk
 Turkey vulture

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/9/2013

Monitor: Andrew Fisher
 Weather Conditions: Cloudy, Clouds: 80%, Pcp: None
 High Temp (°F): 71 Low Temp (°F): 61

Start Time: 6:14:00 AM Stop Time: 12:07:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: At 6:30 I arrived and began to monitor the DETO perimeter fence removal along the west side of Unit 2. I also walked the outer perimeter fence along the west and south sides of Unit 2 to check for breaches or holes in the DETO fence. None were observed.

I continued to monitor the DETO fence removal until 11:30. Then I drove around the solar fields in Unit 2 looking for any avian carcasses. I departed the site at 12:00.

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			4 CORA observed at 8:40 along western boundary of Unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			At 9:15 there was a huge migration push of hundreds of turkey vultures flying over the site headed southeast as well as barn swallows, vaux's swifts, and other birds.

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/9/2013

Monitor: Ron Walker
 Weather Conditions: Windy, Clouds: 35%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 54

Start Time: 6:00:00 AM Stop Time: 5:27:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0640 attended construction crew tailboard meeting
 0700-1200 conducted desert kit fox surveys
 1230-1500 monitored DT fence removal
 1630-1545 picked up eared grebe in unit 2, bird taken to rehab center, USFWS contacted
 1600-1700 monitored bee hive removal in unit 1

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		Gravel trucks speeding on access road and passing vehicles, contacted contractor about situation
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 along unit 1 southern fence line
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed,
 Kestrel
 Eared grebe
 Western whiptail lizard
 Tarantula
 Turkey vulture
 Barn swallow
 Great egret

Date & Time: Wed Oct 9 15:12:46 PDT 2013
Position: 11 N 687322 3726659
Altitude: 380ft
Azimuth/Bearing: 345° N1SW 6133mils (True)
Elevation Angle: -27.2°
Horizon Angle: +01.5°
Zoom: 2X
grbe unit two row27 GH



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/10/2013

Monitor: Andrew Fisher
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 51

Start Time: 6:22:00 AM Stop Time: 3:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: At 6:30 I began to monitor the DETO fence removal along the southern boundary of unit 2 in the southwest corner. No wildlife was observed. Around 12:30, once the fence removal crew finished the portion of fence they were removing and went back inside the permanent perimeter fence, I was given a tutorial on how to use the desert kit fox radio telemetry equipment. At 2:00pm I conducted a sweep of the Unit 1 Solar Block 5 to look for any dead birds. None were detected. I vacated the site at 3:15.

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 CORA was observed flying around the southern fence line on unit 2 block 5.
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 10/10/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 52

Start Time: 6:00:00 AM Stop Time: 3:30:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0640 attended construction crew tailboard meeting
 0640-0830 walked northern half of unit 2 for DT fence inspection, on 10/9/13 southern half was walked
 0900-0950 collected avian mortality in unit 2 southern boundary perimeter fence on outside of perimeter fence
 1015-1145 surveyed for kit fox
 1200-1330 monitored plant site
 1445-1510 surveyed for kit fox
 1530-1645 worked on clearing bees from HTF pipes in block 7 of unit1

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 ravens flying along access road near pole 25
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Fringe toed lizard
 Desert iguana
 Monarch butterfly
 American kestrel
 Say's phoebe
 Red tail hawk
 Raven
 Turkey vulture
 Prairie falcon
 House finch

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/11/2013

Monitor: Andrew Fisher
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 54

Start Time: 8:30:00 AM Stop Time: 2:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: At 8:30 I assisted with the removal of flagging and stakes along the ROW for the gas pipeline and access road south of I-10.

Then from 10:30 to 1:15 I conducted surveys within Unit 2 block 1 and Unit 1 blocks 1 and 5 to look for avian carcasses. None observed. I drove by the evap ponds and noted a flock of 30 American avocets and several ducks perched on top of the northern evap pond netting.

I patrolled around the site looking for any wildlife issues and none were detected. I vacated the site at 2pm.

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 CORA observed at 10:00 flying south over Unit 2 block 10
All ESAs and other bio-related exclusion areas marked and avoided?	X			30 American avocets and several unknown duck species perched on top of northern evap pond netting. They remained there the entire day and attempts to flush them were unsuccessful.

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/11/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 46

Start Time: 6:00:00 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: 0600-0630 cleared access road
 0630-0640 attended construction crew tailboard meeting
 0650-0730 cleared bees from HTF pipe stanchions in unit 1
 0800-1000 removed lath from gas pipeline 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			One raven flying over block 7 unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Raven
 Red tailed hawk
 American avocet
 Northern rough wing swallow
 Ferruginous hawk
 Loggerhead shrike
 American kestrel
 Barn swallow

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/14/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 66

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 inspect structure 58 area. Noted work complete and flagging removed and stored to be picked up later. 0815 and throughout day inspect access road. Removed 1 krat mortality. 0900 reported speeding truck to receiving. 0930 noted a car that appeared to be speeding. Reported to compliance later in day. 1000 inspect areas of potential temp fence removal. No sensitive species findings. 1045 inspect south perimeter unit 2 permanent fence. No findings. 1115 office. 1200 inspect evap ponds. No findings. 1220 inspect unit 1 for light stands and orientation. Noted 16 light stands in southern blocks of unit 1. Discussed aiming of light at compliance meeting. 1400 meeting. 1500 inspect unit 2. No new findings. Limited construction activities except in power block. 1545 off 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			3: 2 perched, 1 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Northern Harrier, cliff swallow, CORA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/14/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 83 Low Temp (°F): 55

Start Time: 6:00:00 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: 0600-0630 cleared access road
 0630-0640 attended construction crew tailboard meeting
 0645-0710 checked on bee hives in unit 1
 0710-0745 checked on foxes south of unit 2
 0900-1700 monitored removal of DT fence south 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			2 ravens flying over unit 1
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species observed;
 Raven
 Belted kingfisher
 American kestrel
 Northern flicker
 Northern harrier
 Western shovel nosed snake

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/15/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 56

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 and throughout day inspect access road. No mortalities. 0845 inspect temp fence removal. 0945 perimeter check unit 2. Flagged maintenance location. 1215 inspect evap ponds. 3 gulls on north pond netting. 1 small bird inside south pond netting. Left small bird alone. 1400 inspect north unit 2. Noted htf smell. No leak found. Also observed three ravens within unit. Inspect temp fenced pipe laydown. No fox findings. 1415 inspect lighting unit 1. Noted some lights adjusted. Some lights had angles toward or parallel to desert. Reported to compliance and informed contractor.

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		Will report 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		Report of owl outside fence. Follow up investigation needed.
Tortoise exclusionary fence and/or ramps intact?	X			Unit 2 outside perimeter fence check completed. Noted areas of maintenance.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Rock Wren, coach whip snake.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/15/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 55

Start Time: 6:00:00 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: 0600-0630 cleared access road
 0630-0645 attended construction crew tailboard meeting
 0710-1500 monitored DT fence removal south of unit 2
 1500-1700 surveyed for kit fox, Flash and Honey

Monitor Checklist

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

Additional Notes: Species observed;
 Raven
 Kestrel
 Barn swallow
 Coach whip snake
 Turkey vulture

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/16/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 66

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: 0700 and throughout day inspect access road. Removed one krat mortality. 0730 inspect fence removal. Activity monitored. 0745 inspect evap ponds. No birds present. 0800 inspect power block 2. Standing water present. Startup working on mitigation. Long term gravel area and less discharge due to condensation as plant is operational. 1000 meeting. 1100 inspect unit 1 lighting. Reported to compliance earlier. Lights to be pointed away from desert. 1200 inspect unit 2 and fence removal. No sensitive species findings. 1300 office. 1430 perimeter fence check for fox digs. No digs noted. Fence unit 2 intact.

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		Windblown debris on access road and on site. Picked up 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			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 on ground foraging.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Sandpiper

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/16/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 83 Low Temp (°F): 58

Start Time: 6:00:00 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: 0600-0630 cleared access road
 0630-0640 attended construction crew tailboard meeting
 0700-1530 monitored DT fence removal on east side of unit 2
 1530-1700 surveyed for kit fox and changed wildlife camera cards

Monitor Checklist

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

Additional Notes: Species observed;
 Raven
 Sidewinder
 Zebra tail lizard
 Mourning dove
 Kestrel
 Red tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/17/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 87 Low Temp (°F): 54

Start Time: 7:30:00 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: 0730 and throughout day inspect access road. 0815 inspect fence removal, east unit 2. Activity monitored. 0900 inspect north unit 2. Windblown micro trash noted. 0915 inspect evap pond. No findings. 0930 inspect pb1. Water in htf noted and being pumped into water truck. 0945 inspect lighting unit 1. Light stands at perimeter aimed away from desert. 1300 inspect evap ponds. Noted ice bag trash against netting. 1400 meeting. 1500 inspect south unit 2. No bird or sensitive species 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		Discussed in compliance meeting.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		Reports of passing and speeding on access road. 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			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			5: 4 flying, 1 on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/17/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 82 Low Temp (°F): 56

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0645 attended construction crew tailboard meeting
 0715-1440 monitored DT fence removal east side of unit 2
 1450-1600 surveyed for kit fox, searching for Yentl

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		One car observed exceeding posted speed limit on access road, reported incident.
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			Observed 5 ravens flying over east side unit 3
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Prairie falcon
 Raven
 Say's phoebe
 Whiptail lizard
 Northern harrier

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/18/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 54

Start Time: 7:30:00 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: 0730 inspect gas line access road north of interstate. Vehicles have been using to read meters. 0800 and throughout day inspect access road. 0830 inspect north unit 2. Noted dust suppression along perimeter. 0845 inspect evap ponds. No bird findings. 0900 inspect pb1. Noted leaking water valve. Informed compliance. 1030 walk perimeter fence unit 1. No breaches. Noted areas of preventative maintenance. 1330 inspect pb1 area. Leaking valve not leaking. 1500 informed of htf spill pb 2. Did not observe due to strong odor. Unknown amount. Compliance to provide photos and gallon amount estimate.

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 complete.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/18/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 52

Start Time: 6:00:00 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: 0600-0630 cleared access road
 0630-0640 attended construction tailboard meeting
 0700-1500 monitored DT fence removal on west side of unit 1

Monitor Checklist

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

Additional Notes: Species observed;
 Raven
 Horned lark
 Horned lizard
 Zebra tail lizard
 Desert iguana
 Northern harrier
 Turkey vulture
 Red tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/21/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 52

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 and throughout day, inspect access road. No mortality findings. 0815 inspect evaporation ponds. No findings. 0845 perimeter fence walk unit 2. Fence intact. Noted HTF odor at north side of unit 1. Informed compliance. 1100 and throughout day, CORA survey. 1210 inspect pb 2. Noted drain repaired. Leaks at couplings of water filters. Reported to compliance. 1400 meeting. 1445 complete CORA observations.

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		Litter outside permanent fence and along access road.
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			Walked perimeter unit 1.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Say's Phoebe, northern flicker, American kestrel

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/21/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 49

Start Time: 6:00:00 AM Stop Time: 5:18:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0645 attended construction crew tailboard meeting
 0700-1611 monitored DT fence removal on west side of unit 1
 1613-1818 dealt with avian mortality at unit 1 power block, small bird, lesser goldfinch, collected and placed in freezer

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;
 Kestrel
 Red tailed hawk
 Northern harrier
 Horned lizard
 Whiptail lizard
 Zebra tail lizard
 Loggerhead shrike
 Lesser goldfinch
 Northern flicker

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/22/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 55

Start Time: 8:00:00 AM Stop Time: 2:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0800 and throughout day inspect access road. No mortality findings. Picked up food trash. 0900 walk and inspect perimeter fence unit 2. 1130 inspect and locate arch boring points at ford dry lake.

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% outside perimeter fence check completed. Fence is 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: RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/22/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 92 Low Temp (°F): 47

Start Time: 6:00:00 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: 0600-0630 cleared access road
 0630-0645 attended construction crew tailboard meeting
 0700-0830 monitored fence crew picking up last fence posts
 0900-1500 surveyed kit fox burrows
 1500-1700 reviewed kit fox camera cards and filled out camera data forms

Monitor Checklist

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

Additional Notes: Species observed;
 Raven
 Red tailed hawk
 Loggerhead shrike
 Prairie falcon
 Turkey vulture
 Northern flicker
 Sage sparrow
 Whiptail lizard
 Northern harrier

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/23/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 40%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 61

Start Time: 8:00:00 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 inspect access road. No mortality findings. 0830 inspect evap ponds. Noted possible htf odor during water discharge into ponds. Great blue heron flew over. 1130 flag route for coring. 1430 remove litter from access road. 1500 inspect unit 2. No sensitive species 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		Person had been terminated.
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			4: 2 on ground, 2 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Great Blue Heron. Horned Lark

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/23/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 92 Low Temp (°F): 57

Start Time: 6:00:00 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: 0600-0630 cleared access road, removed one krat carcass
 0630-0645 attended construction crew tailboard meeting
 0700-0720 checked for birds at evaporation ponds
 0730-0810 drove inside perimeter fence of Unit 1
 0830-0945 surveyed for tortoise sign below power towers on CRS access road, no remains or other signs found, towers checked were at power pole numbers 93, 97, and 103.
 1000-1030 collected materials for flagging route for geotech boring crew
 1100-1430 flagged access route for boring crew

Monitor Checklist

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

Additional Notes: Species observed;
 Red tailed hawk
 Kestrel
 Northern flicker
 Horned lark
 Mourning dove

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/24/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 58

Start Time: 7:45:00 AM Stop Time: 4:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0745 inspect access road throughout day. 0815 inspect report of bird mortality unit 1 block 8 row16. Contacted USFWS Law Enforcement. Salvaged and placed in freezer. 1130 meeting. 1200 investigate variance area for fence removal. 1245 inspect evaporation ponds. Noted two Avocets south of south evap pond. Also htf odor noted in water discharge. 1215 inspect unit 1 and pb1 htf pit. No standing water in pit. 1400 meeting. 1500 office. 1600 complete variance data collection.

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		Inside permanent fence is much cleaner and crews cleaning power blocks.
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			6 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Cooper's Hawk

Date & Time: Thu Oct 24 09:39:25 PDT 2013
Position: 11 N 684749 3727040
Altitude: 406ft
Azimuth/Bearing: 098° S82E 1742mils (True)
Elevation Angle: -84.7°
Horizon Angle: +05.6°
Zoom: 1X
nird mortality unit 1 block 8 row 1



Date & Time: Thu Oct 24 09:41:26 PDT 2013
Position: 11 N 684754 3727033
Altitude: 397ft
Azimuth/Bearing: 159° S21E 2827mils (True)
Elevation Angle: -81.1°
Horizon Angle: +37.3°
Zoom: 1X
nird mortality unit 1 block 8 row 1



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/25/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 54

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 inspect access road throughout day. Picked up litter along access road. Removed and released 1 live tarantula. 0900 inspect unit 2. Noted strong htf odor east side of blocks 9 and 8. 1200 inspect evap ponds. Noted 4 blackbirds north of north evap ponds. 1230 telemetry for foxes. 1400 office. 1430 informed of htf spill power block 2 NE corner. Management estimated at less than 40 gallons. 1445 inquired management if aware of other spills. No other water or htf spills reported. 1500 noted strong htf odor unit 2 pb 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		To report 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	All work inside fence.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3
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 10/28/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 10%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 66

Start Time: 7:45:00 AM Stop Time: 4:45:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

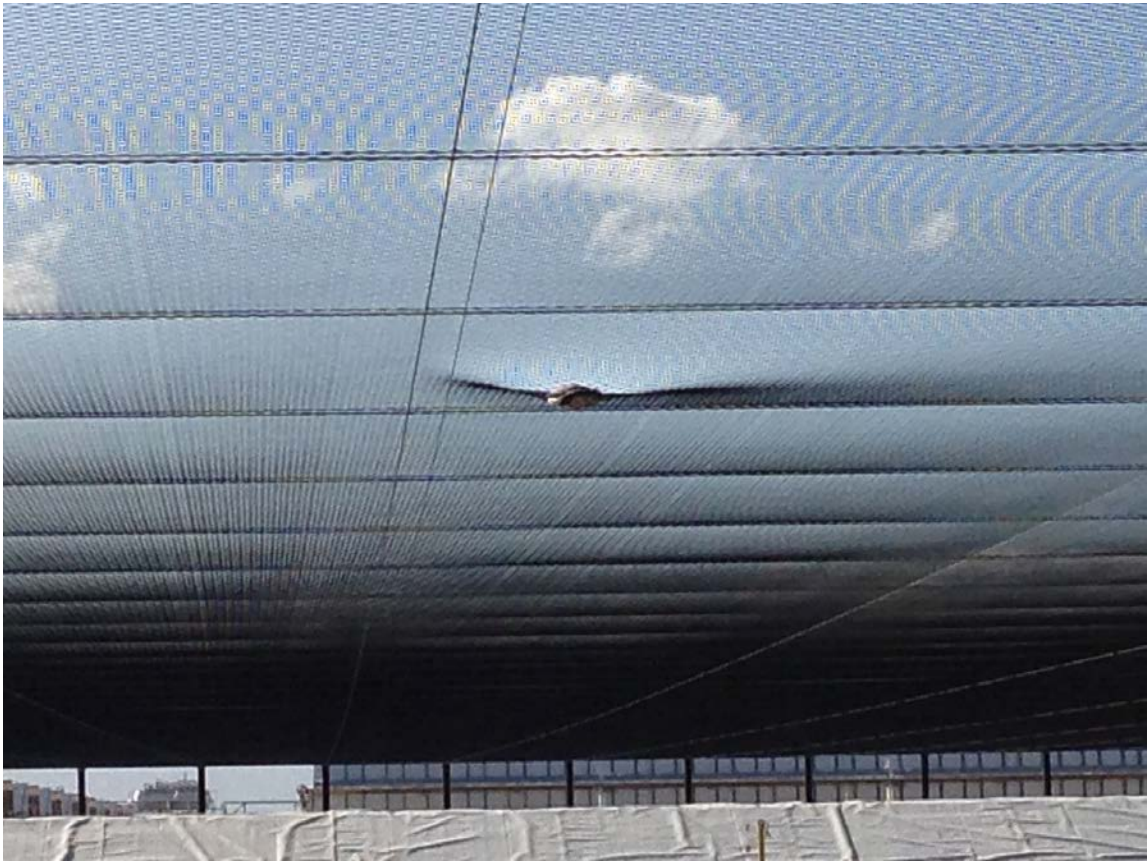
Circle One: ☐ **Plant Site** ☐ **Access Road** ☐ **Gas Line** ☐ **Transmission Line** ☐ **Other (explain)**

Activity Log: 0745 inspect access road throughout day. No mortality findings. 1000 inspect evap ponds. Strong htf odor at ponds. South pond two birds on netting to avoid wind. 5 birds (gulls) west of north pond on ground. 1100 inspect unit 2 and pb2. Noted possible htf/water in area of Friday's spill. Estimate of 3' of water in pit. Spurge pit at a lower level. Strong htf odor at pb2. Inspect inside of permanent fence for fox sign. No fox sign observed. 1215 inspect unit 1 inside permanent fence. No fox sign observed. Inspect pb1. Noted filling of unit 1 with htf. No htf odor. 1400 meeting. 1500 inspect evap ponds. Bird mortality on north pond netting. Appears to be Clarks grebe. Not same location as birds on netting at 1000. Contacted USFWS LE.

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		Windblown trash.
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	Work inside fence.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Great tailed grackle, Clark's Grebe.



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/29/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 40%, Pcp: Trace
 High Temp (°F): 75 Low Temp (°F): 47

Start Time: 6:15:00 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: 0615 ford dry lake for monitoring of coring. 0630 safety and plan of day. 0700 ingress core at two sites and egress. No sensitive species observed. 1130 report of dkf on site. 66 degrees and partial clouds. Contacted CDFW veterinarian relayed info and discussed approach to flush fox from site. Gates opened and flushed fox from site. 1400 inspect evaporation ponds. No new findings. 1500 office. 1600 released sidewinder and tarantula.

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 on wooden transmission pole.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Horned Lark, desert kit fox, Zebra tailed lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/29/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 48

Start Time: 12:30:00 PM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 1230-1530 worked on getting kit fox off site
 1545-1600 checked on reported avian mortalities
 1610-1645 set up kit fox camera at MR005
 1650-1715 checked on evap ponds

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	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
 Red tailed hawk
 Orange crowned warbler
 Loggerhead shrike
 Say's phoebe

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/29/2013

Monitor: Shelly Dayman
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: Trace
 High Temp (°F): 74 Low Temp (°F): 59

Start Time: 8:33:00 AM Stop Time: 5:19:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: Removed and buried road kill krat in Arizona crossing, raven on pole 47. Began DKF monitoring. Informed of DKF within fence, SW area of Unit 2. Found fox under pipes. DB called CDFW. Plan was to open gates and encourage fox in direction of gates. Eventually fox exited. Continued DKF camera/telemetry.

Monitor Checklist

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

Additional Notes: Cora, modo, dkf

Date & Time: Tue Oct 29 09:23:22 PDT 2013
Position: 11 N 694137 3720987
Altitude: 341ft
Azimuth/Bearing: 298° N62W 5298mils (True)
Elevation Angle: -89.9°
Horizon Angle: +83.9°
Zoom: 1X
krat roadkill



Date & Time: Tue Oct 29 11:49:22 PDT 2013
Position: 11 N 686182 3725845
Altitude: 341ft
Azimuth/Bearing: 080° N80E 1422mils (True)
Elevation Angle: -07.5°
Horizon Angle: +01.5°
Zoom: 4X
fox in unit2



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/30/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 50

Start Time: 8:45:00 AM Stop Time: 4:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0845 and throughout day inspect access road. 1000 meeting. 1045 inspect pb2 ACC for report of possible bird parts. No bird parts found. Noted a building condenser causing minor ponding, reported to compliance. 1130 perimeter fence check unit 1. Fence intact. 1430 investigate bird parts reported. Contacted USFWS LE. Salvaged remain found and placed in freezer for later collection. 1515 inspect evap pond, no new finding. 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		Improvement noted of site trash. Site is 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	Work inside permanent fence.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			Permanent fence check unit 1.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			4 perched together at wooden transmission pole.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/30/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 73 Low Temp (°F): 51

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0645 attended construction tailboard meeting
 0700-0900 collected avian mortality and searched for another in unit 2 power block
 0922-1122 walked unit 2 DT fence line
 1138-1230 collected lath south of freeway

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 wooden poles at north end of access road
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Prairie falcon
 Northern harrier
 Say's phoebe
 Kestrel
 Blue winged teal

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/30/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 55

Start Time: 8:15:00 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: Access road, no road kill. DKF monitoring and moving cameras. Office to download camera cards.

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			Cleaned up some trash on access road
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?		X		Almost all signs gone
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 near PB2, did not see attractant
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Whiptail, Cora, modo, tuvu, side blotch

Date & Time: Wed Oct 30 11:06:23 PDT 2013
Position: 11 N 684081 3726617
Altitude: 345ft
Azimuth/Bearing: 012° N12E 0213mils (True)
Elevation Angle: -87.1°
Horizon Angle: -84.1°
Zoom: 1X
kit fox tracks south of unit 1



Date & Time: Wed Oct 30 10:42:19 PDT 2013
Position: 11 N 685447 3728104
Altitude: 364ft
Azimuth/Bearing: 121° S59E 2151mils (True)
Elevation Angle: -82.6°
Horizon Angle: -85.0°
Zoom: 1X
flowering plants



Date & Time: Wed Oct 30 07:14:53 PDT 2013

Position: 11 N 687846 3725770

Altitude: 661ft

Azimuth/Bearing: 162° S18E 2880mils (True)

Elevation Angle: -83.0°

Horizon Angle: -20.3°

Zoom: 1X

avian mortality unit 2 block 9 east of row 56 under T-line



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/31/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 48

Start Time: 7:00:00 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: 0700 -1100 met with botanist and did walk through of future of restoration efforts.
 0915 Notified of water frac tank leak in pb1. Observed crews cleaning.

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	Isolation panels to have temp plywood installed in place of metal tortoise fence.
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: No other activities.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/31/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 52

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0650 checked on evaporation ponds, six avocets standing on top of south pond
 0700-0740 checked on crew removing pipe from north unit 1
 0800-1700 Worked with construction crew on fence isolation 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			Cleared work area around fence isolation panel 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			Three ravens on ground in common area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Kestrel
 American avocet

ATTACHMENT 4

SURVEY DATA FORMS

Evaporation Pond Monitoring Form

GENESIS SOLAR ENERGY PROJECT

MONTHLY EVAPORATION POND MONITORING (BIO-21)

Date	10-8-2013	Biomonitor	Andrew Fisher
Sunrise Time	6:38 AM	Sunset Time	6:13 PM

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

DAWN SURVEY (two hours after sunrise)

Start Time	End Time
6:38 AM	8:38 AM

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

Comments for #1: 1 Savannah Sparrow along Northern Evap Pond inside netting; it later flew out.

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

Comments for #2: 1 American Avocet + 1 Great Egret observed perched on top of netting on Northern Evap Pond. 1 Northern Pintail circling overhead trying to access the ponds. All birds were flushed away & did not return.

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

Comments for #3:

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

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

Comments for #4: No new dead birds observed; dead grebe still present in NW corner of Southern Evap Pond - left as is in netting.

MIDDAY SURVEY (i.e. 1100 to 1300)

Start Time	End Time
11:09 AM/PM	12:09 AM/PM

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

Comments for #1: 1 great egret perched on top of Northern Evap 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: none observed.

DUSK SURVEY (two hours preceding sunset)

Start Time	End Time
4:13 PM	6:13 PM

1. Netted ponds effective in excluding birds? ☐ Yes ☒ No (for small birds only)

Comments for #1: 1 American Pipit in Northern Evap pond. It found its own way out through netting. 1 Great egret perched on top of Southern Evap pond netting. 2 Mourning Doves on top of Northern Evap pond when I left at 6:13 pm.

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: none observed

notes: The same great egret stayed on top of Evap pond netting all day despite being chased away multiple times. When I left at 6:13 PM it was gone.

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
Ron Walker	10/1/2013	R4. 683203 W, 3727508 N	6:40:00 AM	6:50:00 AM	0	5000	Variable	2	None	63	0%
Ron Walker	10/1/2013	R3. 683684 W, 3727437 N	6:59:00 AM	7:10:00 AM	0	5000	Variable	1	None	63	0%
Ron Walker	10/1/2013	R5. 685761 W, 3727662 N	7:21:00 AM	7:31:00 AM	0	5000	Variable	2	None	63	0%
Ron Walker	10/1/2013	R7. 686177 W, 3725504 N	7:46:00 AM	7:56:00 AM	0	5000	Variable	0	None	66	0%
Ron Walker	10/1/2013	R2. 686736 W, 3726215 N	8:13:00 AM	8:23:00 AM	0	5000	Variable	1	None	68	0%
Ron Walker	10/1/2013	R6. 687910 W, 3726586 N	8:33:00 AM	8:43:00 AM	0	5000	Variable	2	None	69	0%
Ron Walker	10/1/2013	R1. 691217 W, 3722767 N	9:01:00 AM	9:11:00 AM	0	5000	NE	4	None	79	0%
Andrew Fisher	10/7/2013	R1. 691217 W, 3722767 N	9:23:00 AM	9:33:00 AM	2500	2500	None	0	None	85	75%
Andrew Fisher	10/7/2013	R2. 686736 W, 3726215 N	10:24:00 AM	10:34:00 AM	2500	2500	None	0	None	85	75%
Andrew Fisher	10/7/2013	R6. 687910 W, 3726586 N	10:48:00 AM	10:58:00 AM	2500	2500	None	0	None	85	75%
Andrew Fisher	10/7/2013	R7. 686177 W, 3725504 N	11:22:00 AM	11:32:00 AM	2500	2500	None	0	None	85	75%
Andrew Fisher	10/7/2013	R5. 685761 W, 3727662 N	11:40:00 AM	11:50:00 AM	2500	2500	None	0	None	85	75%
Andrew Fisher	10/7/2013	R3. 683684 W, 3727437 N	12:12:00 PM	12:22:00 PM	2500	2500	None	0	None	85	75%
Andrew Fisher	10/7/2013	R4. 683203 W, 3727508 N	12:30:00 PM	12:40:00 PM	2500	2500	None	0	None	85	75%
Eric German	10/21/2013	R1. 691217 W, 3722767 N	11:29:00 AM	11:39:00 AM	99999	99999	SE	1	None	77	0%
Eric German	10/21/2013	R6. 687910 W, 3726586 N	11:58:00 AM	12:08:00 PM	99999	99999	SE	1	None	81	0%
Eric German	10/21/2013	R5. 685761 W, 3727662 N	12:53:00 PM	1:03:00 PM	99999	99999	SE	1	None	82	0%
Eric German	10/21/2013	R3. 683684 W, 3727437 N	1:16:00 PM	1:26:00 PM	99999	99999	E	2	None	82	0%
Eric German	10/21/2013	R4. 683203 W, 3727508 N	1:34:00 PM	1:44:00 PM	99999	99999	S	2	None	82	0%
Eric German	10/21/2013	R7. 686177 W, 3725504 N	2:52:00 PM	3:02:00 PM	99999	99999	Variable	0	None	84	0%
Eric German	10/21/2013	R2. 686736 W, 3726215 N	3:15:00 PM	3:25:00 PM	99999	99999	S	1	None	84	0%

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



Monitor	Date	CORA Observation Point	Observation Time	Sex	Age	No. of CORA	Activity	Flight Direction (to)	1 st Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
Ron Walker	10/1/2013	R3. 683684 W, 3727437 N	7:10:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Ron Walker	10/1/2013	R5. 685761 W, 3727662 N	7:31:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Ron Walker	10/1/2013	R7. 686177 W, 3725504 N	7:56:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Ron Walker	10/1/2013	R2. 686736 W, 3726215 N	8:23:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Ron Walker	10/1/2013	R6. 687910 W, 3726586 N	8:43:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Ron Walker	10/1/2013	R1. 691217 W, 3722767 N	9:11:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Ron Walker	10/1/2013	R4. 683203 W, 3727508 N	6:50:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Andrew Fisher	10/7/2013	R5. 685761 W, 3727662 N	11:50:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Andrew Fisher	10/7/2013	R1. 691217 W, 3722767 N	9:33:00 AM	-	-	0	-	-	-	-	-	NO	NO	3 RTHA on poles nearby. No CORA observed.
Andrew Fisher	10/7/2013	R2. 686736 W, 3726215 N	10:34:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Andrew Fisher	10/7/2013	R7. 686177 W, 3725504 N	11:32:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Andrew Fisher	10/7/2013	R3. 683684 W, 3727437 N	12:22:00 PM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Andrew Fisher	10/7/2013	R4. 683203 W, 3727508 N	12:40:00 PM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Andrew Fisher	10/7/2013	R6. 687910 W, 3726586 N	10:58:00 AM	-	-	0	-	-	-	-	-	NO	NO	No CORA observed.
Eric German	10/21/2013	R2. 686736 W, 3726215 N	3:25:00 PM	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Eric German	10/21/2013	R1. 691217 W, 3722767 N	11:39:00 AM	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Eric German	10/21/2013	R6. 687910 W,	12:08:00	-	-	0	-	-	-	-	-	No	No	No CORA observed

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



Monitor	Date	CORA Observation Point	Observation Time	Sex	Age	No. of CORA	Activity	Flight Direction (to)	1 st Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
	3	3726586 N	PM											
Eric German	10/21/2013	R5. 685761 W, 3727662 N	1:03:00 PM	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Eric German	10/21/2013	R3. 683684 W, 3727437 N	1:26:00 PM	-	-	0	-	-	-	-	-	No	No	No CORA observed
Eric German	10/21/2013	R4. 683203 W, 3727508 N	1:44:00 PM	-	-	0	-	-	-	-	-	No	No	No CORA observed.
Eric German	10/21/2013	R7. 686177 W, 3725504 N	3:02:00 PM	-	-	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_D at	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Ron Walker	10/1/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass totally desiccated, eyes gone, body intact	UTM Z11 NAD83 (m)	3727530	685555	Other (explain below)	Bird in drainage ditch east of block 6 and 100 feet east of row 54 mirrors, ditch runs through common area, unit 1, bird between common area and block 6	Green wing teal	Overall tan and grey, green patches on back of wings	Unk	Unk	NO	Sunny	85	Calm	Graded	Designated biologist and Ed Nieves of USFWS	10/1/2013	10:25:00 AM	Bird salvaged at 1031 and placed in freezer	Green wing teal found in dry drainage ditch between common area and block 6 of unit 1
Eric German	10/2/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass on back about 1 meter south of fence.	UTM Z11 NAD83 (m)	3726755	684102	Other (explain below)	South of permanent fence. Bare ground.	Unknown bat	Long tail	Unk	Unk	NO	Sunny	90	Gusty	Bare Ground	Magdalena Rodriguez of CDFW	10/3/2013	11:26:00 AM	Salvaged per previous discussions with CDFW. Placed in freezer for CDFW later collection.	N/A
Eric German	10/3/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass is worn and eyes are missing. Maybe older than 30 days.	UTM Z11 NAD83 (m)	3727004	685710	Other (explain below)	Located about 75 m east of assembly building in area which had been a laydown	Green-winged teal	Green on wings.	Fem	Adult	NO	Sunny	91	Calm	Graded	USFWS Law Enforcement	10/3/2013	2:50:00 PM	Contacted USFWS, given direction to salvage and place in freezer. Salvaged and placed in freezer.	N/A
Ron Walker	10/7/2013	Construction	Plant Site (incidental)	Fatality	Dismembered Carcass	30+ (bones)	Carcass dismembered and spread out over 20 foot radius, feathers and bones	UTM Z11 NAD83 (m)	3725554	686578	Solar Trough	Unit 2, block 5 south end of row 18 below mirror panel	Blue wing teal	Only discernible markings are blue feather patch on one wing	Unk	Unk	NO	Partly Sunny	90	Calm	Graded	USFWS, Ed Nieves	10/7/2013	2:57:00 PM	Carcass remains collected and placed in freezer	Carcass remains spread out over 20 foot area, bones, feather tufts, legs, skull
Ron Walker	10/7/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass intact and fresh, injury to lower beak, rest of body in good shape	UTM Z11 NAD83 (m)	3727100	684663	Other (explain below)	Carcass in unit 1 between block 8 and 7 in open graded area, end of row 9, northwest corner of block 8, approximately 200 feet to nearest mirror panel	Marsh wren	Overall light brown, striped tail, some grey on wings	Unk	Unk	NO	Partly Sunny	90	Calm	Graded	USFWS, Ed Nieves	10/7/2013	2:57:00 PM	Bird collected at 1459 and placed in freezer	Marsh wren collected in unit 1, NW corner of block 8

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_D at	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Ron Walker	10/9/2013	Construction	Plant Site (incidental)	Injury	Intact Carcass	N/A	Eared grebe on ground, no apparent injuries, bird appeared to be in perfect health, all feathers intact, no broken bones, eyes clear, normal behavior exhibited	UTM Z11 NAD83 (m)	3726659	687322	Solar Trough	East side of unit 2 terrace GH row 27, bird on ground in middle of solar trough, approximately 15 feet from solar panel	Eared grebe	Overall grey with white on neck, winter plumage	Unk	Unk	NO	Windy	73	Storm	Graded	USFWS	10/9/2013	3:17:00 PM	Bird taken to Blythe wildlife rehabilitation center	Bird in good health, no injuries, bird taken to rehabilitation center
Eric German	10/18/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	6-30 (maggots)	Carcass on ventral side. Wings outspread. Bare dirt. About 1 meter west of permanent fence (outside permanent fence).	UTM Z11 NAD83 (m)	3727661	683404	Other (explain below)	Bare dirt. About 1 meter west of permanent fence (outside permanent fence), west of unit 1.	Bat	Black wings. Lighter body with long hair on back and stomach side.	Unk	Unk	NO	Sunny	82	Calm	Bare Ground	CDFW	10/18/2013	2:39:00 PM	Bat collected and placed in freezer.	N/A
Ron Walker	10/21/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass in perfect condition	UTM Z11 NAD83 (m)	3727387	684657	Other (explain below)	Power block 1 west of HTF tanks, on concrete floor, next to pylon, next to drainage channel	Lesser goldfinch	Yellow breast, black back, white wing patch, dull yellow below	Fem	Unk	NO	Sunny	90	Calm	Graded	USFWS	10/21/2013	4:26:00 PM	Bird collected and placed in freezer	Lesser goldfinch found in power block construction area, bird collected and placed in freezer after contacting USFWS
Eric German	10/24/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass located on backside of mirrors between torque tube and mirror. Carcass intact.	UTM Z11 NAD83 (m)	3727037	684746	Solar Trough	Unit 1 block 8 row 16. Carcass located on backside of mirrors between torque tube and mirror.	Coopers Hawk	Whitish with black and brown spotting beneath. Maybe juvenile.	Unk	Unk	NO	Sunny	60	Calm	Other (note)	USFWS law enforcement	10/24/2013	8:45:00 AM	Contacted USFWS law enforcement, salvaged and placed in freezer.	N/A

Bio-monitor	Date	Phase	Situation	Incident Type	Carcass Cond	Age of Remains	Carcass Details	UTM_D at	Northing	Easting	Observation		Species	Markings	Sex	Age	Tag	Weather	Temp	Wind	Habitat	Notification			Actions	Comments
											Location	Details										Who	Date	Time		
Eric German	10/28/2013	Operations	Evaporation Pond Monitoring	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass intact, appears to be entangled in evaporation pond netting. Anterior side resting on netting.	UTM Z11 NAD83 (m)	3727427	685768	Evaporation Pond	Located on netting of north evaporation pond, center of eastern half.	Grebe (Clark's)	Dark greyish back and back of head, light colored underside, appears to have orange beak, grebe feet.	Unk	Unk	NO	Partly Sunny	75	Gusty	Other (note)	USFWS law enforcement	10/28/2013	3:35:00 PM	Left in place.	N/A
Ron Walker	10/30/2013	Construction	Plant Site (incidental)	Fatality	Intact Carcass	1-5 (fluid in eyes)	Carcass in perfect condition, feathers intact, body intact	UTM Z11 NAD83 (m)	3725770	687846	Power Line	Unit 2, block 9, east of row 56, 60 feet east of mirrors, under T-line wires	Orange-crowned warbler	Overall dull green	Unk	Unk	NO	Sunny	60	Calm	Graded	USFWS	10/29/2013	3:43:00 PM	Carcass collected on 10/30/13 at 0724 and placed in freezer	Bird found on ground below power lines in unit 2 east of block 9 row 56, 60 feet east of mirrors
Eric German	10/30/2013	Construction	Plant Site (incidental)	Fatality	Feathers Only	N/A	Appears to be wing part.	UTM Z11 NAD83 (m)	3728171	683948	Other (explain below)	Approximately 1.5 meters south of north perimeter fence, north of unit 1 block 1. Bare ground.	Possible passerine sp.	White and black.	Unk	Unk	N/A	Sunny	75	Calm	Bare Ground	USFWS Law Enforcement	10/30/2013	4:30:00 PM	Following notification to USFWS law enforcement, salvaged and placed in freezer.	Feathers only, other feathers not found.

Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

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

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass totally desiccated, eyes gone, body intact

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727530 UTM E: 685555

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Bird in drainage ditch east of block 6 and 100 feet east of row 54 mirrors, ditch runs through common area, unit 1, bird between common area and block 6

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Green wing tealColor/Markings: Overall tan and grey, green patches on back of wingsSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: Green patches on wings

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 85Wind (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 10/1/2013 10:25:00 AMActions Taken (e.g., left in place, taken to rehab): Bird salvaged at 1031 and placed in freezer

COMMENTS:

Green wing teal found in dry drainage ditch between common area and block 6 of unit 1

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

Date & Time: Tue Oct 1 10:17:44 PM 2013
Position: 11 N 685555 5727530
Altitude: 430ft
Azimuth/Heading: 108° 140CC 0142m/s (True)
Elevation Angle: -85.3°
Horizon Angle: +11.9°
Zoom: 1X
aviary mobility unit 1 drainage ditch 100 feet east of block 6 row 34



Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 10/2/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass on back about 1 meter south of fence.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726755 UTM E: 684102

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: South of permanent fence. Bare ground.

IDENTIFICATION

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

ENVIRONMENTAL CONDITION

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

Habitat (circle all that apply):

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

NOTIFICATION

Who was notified, and When? Magdalena Rodriguez of CDFW on 10/3/2013 11:26:00 AMActions Taken (e.g., left in place, taken to rehab): Salvaged per previous discussions with CDFW. Placed in freezer for CDFW later 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 Oct 2 17:55:18 PDT 2013
Position: (1 N, 55°12' 53.6132
Altitude: 3640
Azimuth/Heading: 333° 18255 1364m/s (ft/s)
Elevation Angle: -87.3°
Horizon Angle: -85.3°
Zoom: 1.8
not mostly south until 1:45 about 1 mi



Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 10/3/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): 1-5 (fluid filled eyes) / ☒ 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass is worn and eyes are missing.
Maybe older than 30 days.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727004 UTM E: 685710

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Located about 75 m east of assembly building in area which had been a laydown

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Green-winged TealColor/Markings: Green on wings.Sex (circle one): Male / ☒ Female / Unknown Age (circle one): ☒ Adult / Juvenile / UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 91Wind (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 10/3/2013 2:50:00 PMActions Taken (e.g., left in place, taken to rehab): Contacted USFWS, given direction to salvage 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.
-



Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

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

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass dismembered and spread out over 20 foot radius, feathers and bones

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725554 UTM E: 686578

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: Unit 2, block 5 south end of row 18 below mirror panel

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Blue wing tealColor/Markings: Only discernible markings are blue feather patch on one wingSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: Only identification mark is blue patch on one wing

ENVIRONMENTAL CONDITION

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

Habitat (circle all that apply):

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

NOTIFICATION

Who was notified, and When? USFWS, Ed Nieves on 10/7/2013 2:57:00 PMActions Taken (e.g., left in place, taken to rehab): Carcass remains collected and placed in freezer

COMMENTS:

Carcass remains spread out over 20 foot area, bones, feather tufts, legs, skull

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



Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

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

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass intact and fresh, injury to lower beak, rest of body in good shape

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727100 UTM E: 684663

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Carcass in unit 1 between block 8 and 7 in open graded area, end of row 9, northwest corner of block 8, approximately 200 feet to nearest mirror panel

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Marsh wrenColor/Markings: Overall light brown, striped tail, some grey on wingsSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

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

Habitat (circle all that apply):

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

NOTIFICATION

Who was notified, and When? USFWS, Ed Nieves on 10/7/2013 2:57:00 PMActions Taken (e.g., left in place, taken to rehab): Bird collected at 1459 and placed in freezer

COMMENTS:

Marsh wren collected in unit 1, NW corner of block 8

- * 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 Oct 7 14:51:32 PST 2013
Position: 11 N 684663 3727130
Altitude: 364ft
Azimuth/Bearing: 198° 300E 22700deg (True)
Elevation Angle: -75.3°
Horizon Angle: +75.6°
Zoom: 10
avian mortality unit 1 000 camera 00001 2 row 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 / ☒ IncidentalDate: 10/9/2013 Observer: Ron WalkerType of Incident (circle one): ☒ Injury / Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers Only

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

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Eared grebe on ground, no apparent injuries, bird appeared to be in perfect health, all feathers intact, no broken bones, eyes clear, normal behavior exhibited

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3726659 UTM E: 687322

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: East side of unit 2 terrace GH row 27, bird on ground in middle of solar trough, approximately 15 feet from solar panel

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Eared grebeColor/Markings: Overall grey with white on neck, winter plumageSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

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

Approx. Temperature (circle one): ☒ °F / °C: 73Wind (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 10/9/2013 3:17:00 PMActions Taken (e.g., left in place, taken to rehab): Bird taken to Blythe wildlife rehabilitation center

COMMENTS:

Bird in good health, no injuries, bird taken to rehabilitation center

- * 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 Oct 9 15:11:46 PDT 2013
Position: 11 N 887322 3726653
Altitude: 380ft
Azimuth Bearing: 345° N15W 6133m/s (True)
Elevation Angle: -17.2°
Horizon Angle: -01.5°
Zoom: 2x
grab unit two row27 GH



Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 10/18/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): 1-5 (fluid filled eyes) / ☒ 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass on ventral side. Wings outspread. Bare dirt. About 1 meter west of permanent fence (outside permanent fence).

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727661 UTM E: 683404

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Bare dirt. About 1 meter west of permanent fence (outside permanent fence), west of unit 1.

IDENTIFICATION

Bird / ☒ Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): UnknownColor/Markings: Black wings. Lighter body with long hair on back and stomach side.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 82Wind (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 10/18/2013 2:39:00 PMActions Taken (e.g., left in place, taken to rehab): Bat 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: Fri Oct 18 09:55:12 PDT 2013
Position: 11 N 683404 3727661
Altitude: 387ft
Azimuth/Bearing: 352° N08W 6258mils (True)
Elevation Angle: 88.0°
Horizon Angle: +76.6°
Zoom: 1X
Bat 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: 10/21/2013 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 in perfect condition

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727387 UTM E: 684657

Found Near (circle one):

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

Location Details: Power block 1 west of HTF tanks, on concrete floor, next to pylon, next to drainage channel

IDENTIFICATION

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

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

Color/Markings: Yellow breast, black back, white wing patch, dull yellow below

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

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

Identification Remarks: Dull yellow breast

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 on 10/21/2013 4:26:00 PM

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

COMMENTS:

Lesser goldfinch found in power block construction area, bird collected and placed in freezer after contacting 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.
-

Date & Time: Mon Oct 21 16:22:55 PDT 2013
Position: 11 N 684657 3727387
Altitude: 369ft
Azimuth/Bearing: 266° S86W 4729malt (True)
Elevation Angle: -84.9°
Horizon Angle: +20.1°
Zoom: 1X
avian mortality unit 1 power block east side



Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 10/24/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass located on backside of mirrors between torque tube and mirror. Carcass intact.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727037 UTM E: 684746

Found Near (circle one):

☒ Solar Trough / Evaporation Pond / Road / Power Line / Other (explain below)Location Details: Unit 1 block 8 row 16. Carcass located on backside of mirrors between torque tube and mirror.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Coopers HawkColor/Markings: Whitish with black and brown spotting beneath. Maybe juvenile.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 60Wind (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 10/24/2013 8:45:00 AMActions Taken (e.g., left in place, taken to rehab): Contacted USFWS law enforcement, 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.
-



Avian and Wildlife Reporting Form

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

INCIDENT DETAILS

Observation Made During (circle one):

Evaporation Pond Monitoring / Scheduled Mortality Survey / ☒ IncidentalDate: 10/28/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass intact, appears to be entangled in evaporation pond netting. Anterior side resting on netting.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3727427 UTM E: 685768

Found Near (circle one):

Solar Trough / ☒ Evaporation Pond / Road / Power Line / Other (explain below)Location Details: Located on netting of north evaporation pond, center of eastern half.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Grebe (Clark's)Color/Markings: Dark greyish back and back of head, light colored underside, appears to have orange beak, grebe feet.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: No tag observed. Difficult to see bird.

ENVIRONMENTAL CONDITION

Weather (circle one): Clear / Fog / ☒ Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 75Wind (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

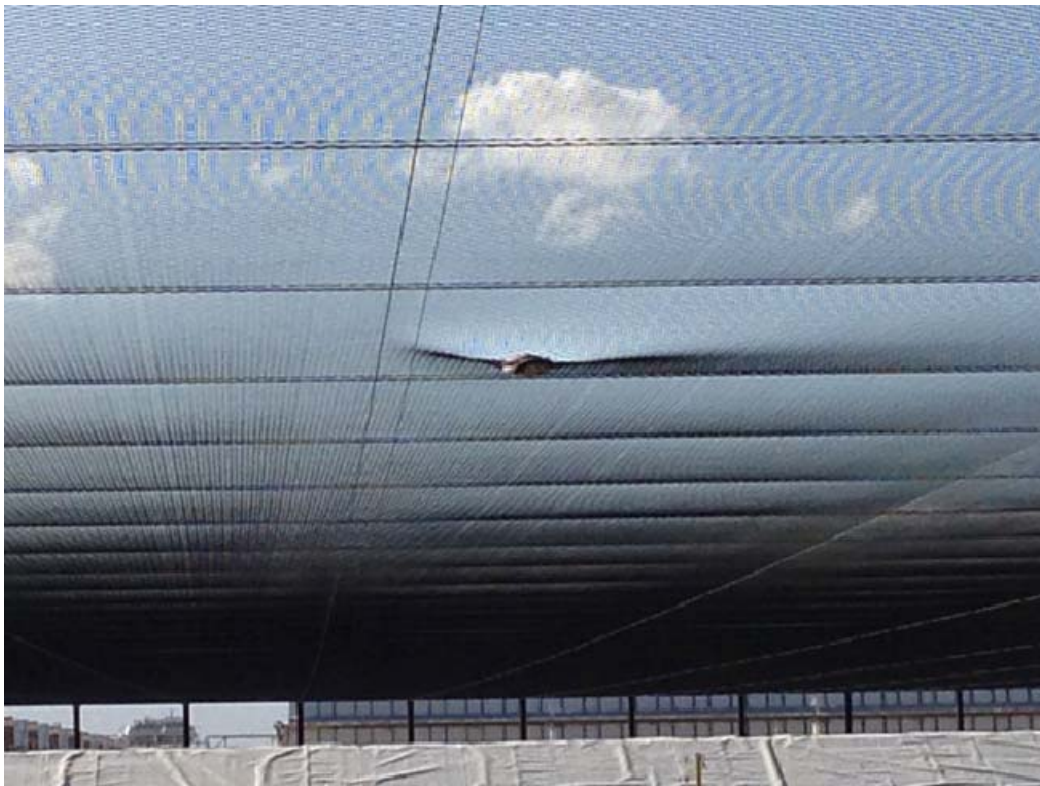
NOTIFICATION

Who was notified, and When? USFWS LE on 10/28/2013 3:35:00 PMActions 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 / ☒ IncidentalDate: 10/30/2013 Observer: Eric GermanType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): Intact Carcass / Dismembered Carcass / ☒ Feathers Only

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

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Appears to be wing part.

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3728171 UTM E: 683948

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / Power Line / ☒ Other (explain below)Location Details: Approximately 1.5 meters south of north perimeter fence, north of unit 1 block 1. Bare ground.

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Possible passerine species.Color/Markings: White and black.Sex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ Unknown

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

Identification Remarks: Feathers only

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 75Wind (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 10/30/2013 4:30:00 PMActions Taken (e.g., left in place, taken to rehab): Following notification to USFWS law enforcement, salvaged and placed in freezer.

COMMENTS:

Feathers only, other feathers not found.

- * 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 Oct 30 14:29:41 PDT 2013
Position: 11 N 683942 3728176
Altitude: 398ft
Azimuth/Bearing: 350° N10W 6222mils (True)
Elevation Angle: -85.9°
Horizon Angle: +62.7°
Zoom: 1X
unidentified bird 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 / ☒ IncidentalDate: 10/30/2013 Observer: Ron WalkerType of Incident (circle one): Injury / ☒ Fatality / NestCondition (circle one): ☒ Intact Carcass / Dismembered Carcass / Feathers OnlyAge of Remains (circle one): ☒ 1-5 (fluid filled eyes) / 6-30 (maggots) / 30+ (bones)

Photo No. _____

Carcass Condition Details, Behavior of Injured Animal or Nest Details: Carcass in perfect condition, feathers intact, body intact

LOCATION

DATUM: UTM Z11 NAD83 (m) UTM N: 3725770 UTM E: 687846

Found Near (circle one):

Solar Trough / Evaporation Pond / Road / ☒ Power Line / Other (explain below)Location Details: Unit 2, block 9, east of row 56, 60 feet east of mirrors, under T-line wires

IDENTIFICATION

☒ Bird / Bat / Unknown / Other (circle one)Species (if unknown, write 'unknown'): Orange-crowned warblerColor/Markings: Overall dull greenSex (circle one): Male / Female / ☒ Unknown Age (circle one): Adult / Juvenile / ☒ UnknownIs Animal Tagged? (circle one): Yes / ☒ NoIdentification Remarks: N/A

ENVIRONMENTAL CONDITION

Weather (circle one): ☒ Clear / Fog / Cloudy / RainApprox. Temperature (circle one): ☒ °F / °C: 60Wind (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 10/29/2013 3:43:00 PMActions Taken (e.g., left in place, taken to rehab): Carcass collected on 10/30/13 at 0724 and placed in freezer

COMMENTS:

Bird found on ground below power lines in unit 2 east of block 9 row 56, 60 feet east of mirrors

- * 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 Oct 30 07:14:53 PDT 2013
Position: 11 N 687846 3725770
Altitude: 6611ft
Azimuth/Bearing: 162° S18E 2380mils (True)
Elevation Angle: -83.0°
Horizon Angle: -20.3°
Zoom: 1X
avian mortality unit 2 block 9 east of row 56 under T line



ATTACHMENT 5
CORRESPONDENCE

Not Applicable for October Monthly Compliance Report

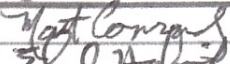
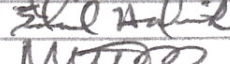



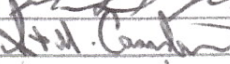
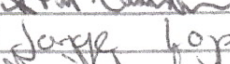
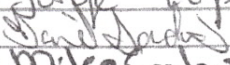
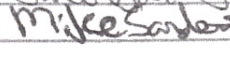

Appendix C

Haz-6

Worker Environmental Awareness Program Training

Genesis Site Safety Orientation

WEAP

Signature	Print Name	Company	
1 	Matt Conrady	Mato Trans / Garcia Trucking	10-8-13
2 	Edward Hardwick	Garcia Trucking	10/8/13
3 	Marina Mares	Mares TRK / Garcia Trucking	10/8/13
4 	Juan Carlos Garcia	Garcia Trucking	10/8/13
5 	HUGO VACA	HUGOS TRUCKING	10/8/13
6 	MICHAEL MACIAS	GARCIA TRANSPORT	10/8/13
7 	Steve Casselman	MILLER BLADES	10/8/13
8 	Jorge Loper	COVARRUBIAS PRO CON	10/14/13
9 	David Sanders	COVARRUBIAS	10-14-13
10 	Mike Sanders	COVARRUBIAS	10-15-13
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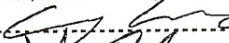
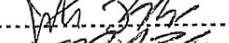

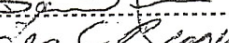
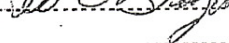
Genesis Site Safety Orientation

WEAP

Signature	Print Name	Company
1: [Signature]	Salim Seghaayer	AQUACULT INT'L CRP
2: [Signature]	Brad Hendrick	Analysis and Measurement Services
3: [Signature]	Zachary Crane	Analysis and Measurement Services
4: [Signature]	Alberto Vukobratovic	American Safety
5: [Signature]	Alex Gonzalez	American Safety
6: [Signature]	Dan Sattler	MAXIM CRANE / URE
7: [Signature]	Paul Kelley	MAXIM CRANE / URE
8: [Signature]	Paul Torgerson	Maxim Crane
9: [Signature]	John Evans	Maxim Crane
10: [Signature]	Troy Burton	Turn Key
11: [Signature]	Ryan R. Kuske	AIR LIQUIDE
12: [Signature]	Detrick Tillett	Heckley
13: [Signature]	MARC GARNER	Heckley
14: [Signature]	JOHN F. STIERER	TEAM INDUSTRIAL
15: [Signature]	Th. S. Benoso	TEAM
16: [Signature]	Garrick Sloger	U.R.E.
17: [Signature]	Byron Cooper	Team
18: [Signature]	Sayed Tranki	Team
19: [Signature]	Jeff Mitchell	IAS E+H Field Service
20: [Signature]	Roy Walton	HEATSINC
21: [Signature]	Joc Menis	B+W Fluid Dynamics
22: [Signature]	William Terry	HEATSINC
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Genesis Site Safety Orientation

WEAP

Signature	Print Name	Company	Date
	DAVE LEON	NEUTRON	10-7-13
	GARRY JAMES	NEUTRON	10-3-13
	JOSE FLORES	NEUTRON	10-3-13
	MIKE PLANTZ	NEUTRON	10-14-13
	DAVID TUBEN	NEUTRON	10-17-13
	LEO O'BRIEN	ALL PRO PUMPING	10/25/13
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10/29/13

Genesis Site Safety Orientation

WEAP

Signature	Print Name	Company
1: <i>Matthew J. Hannon</i>	MATTHEW HANNON	Prime Electrical
2: <i>Armando Martinez</i>	Armando Martinez	"
3: <i>Jeff Miller</i>	Jeff Miller	"
4: <i>Jesus Barrera</i>	Jesus Barrera	"
5: <i>Daniel W. Eisler</i>	Daniel W. Eisler	"
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35:		

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications

CBO Matrix October 2013

Project	Submittal Title	Submittal Description	Due Date	Expedite	Returned to Client
Genesis Solar Energy Project	Withdrawn - ELEC-1-172-0 AMMC Application Cable Tray - PC1	AMMC Application Cable Tray Supports		No	20-Jun-13
Genesis Solar Energy Project	GEN-1-100.0 - Aux. Boiler Deaerator Ladder and Platform - PC2	Returned with Comments		No	17-Jun-13
Genesis Solar Energy Project	GEN-1-009.0 - Iso Phase Bus Duct Fire Stop - PC1	Approved		No	4-Oct-13
Genesis Solar Energy Project	ELEC-1-504.0 Ductbank Stub-up Elevations Low - PC1	Review comments		No	2-Oct-13
Genesis Solar Energy Project	GEN-1-100.0 - Aux. Boiler Deaerator Ladder and Platform - PC3	Pending - waiting for response from Fluor	23-Oct-13	No	
Genesis Solar Energy Project	ELEC-1-504.0 Ductbank Stub-up Elevations Low - PC2	CBO Approved with Ref Docs		No	29-Oct-13
Genesis Solar Energy Project	TSE-2-601 - Engineering Qualifications - PC1	Approved		No	21-Oct-13
Genesis Solar Energy Project	GEN-5-013.1 - Registered Geotechnical Engineers - D. Baska, E. Hendrick, M. Laney - PC1	CBO Reference Only		Yes	28-Oct-13

Appendix E

Cultural Monitor Reports

Cul-8 and Cul-13

Construction Monitoring Plan and Flag and Avoid

PAL-5

PRS Monitoring and Stop Work Authority

Due to proprietary and confidential subject matter, location information is secured and held under confidential cover

CUL-7: Worker Environmental Awareness Program (WEAP)

Requirement: Submit past 30 days of training records

Workers Environmental Awareness Program

Every Person employed or present on the ROW, including specialty subcontractor personnel, has been instructed in environmental compliance through the Workers Environmental Awareness Program, which includes a training video and verbal instruction. In each case the new employee has signed a roster providing proof of his/her participation and received a hard-hat sticker to provide job-site training verification.

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

There were no compliance issues this month.

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

All ground disturbing activities were observed by CEC - approved Cultural Resources Monitors (CRMs) and Native American Monitors. Table 1 lists the number of CRMs onsite during the month of October.

Table 1. CRMs and NAM onsite during October (by day)

October 2013		
Date	Number of Cultural Resource Monitors	Number of Native American Monitors
10/1/2013	1	1
10/2/2013	1	1
10/3/2013	1	2
10/4/2013	1	2
10/7/2013	1	1
10/8/2013	1	1
10/9/2013	1	1
10/10/2013	1	1
10/14/2013	1	1
10/15/2013	1	1
10/16/2013	1	1
10/17/2013	1	1
10/18/2013	1	1
10/21/2013	1	1

10/22/2013	1	1
10/23/2013	1	1
10/24/2013	1	1
10/25/2013	1	1
10/28/2013	1	1
10/29/2013	1	2
10/30/2013	1	1
10/31/2013	1	1

Number of Isolate Forms submitted- 3

Number of Site Update Forms submitted- 0

Number of Monitoring Logs submitted - 22

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 fence removal, grading, backfilling, and various trenching activities on site. A total of three artifacts were found in all construction areas during the month of October. All three 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.

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:

203,244	Man hours logged October 2013
2,206,887	Man hours logged during 2013
3,599,257	Job total man-hours

Project total RIR	0.78
2013 RIR	0.62
Project LTIR	0.00

There were no significant injuries in October 2013

Chemical spill response refresher training was held for responders and offload personnel and smoking in designated areas in power block 1 strictly enforced in anticipation of HTF offloading operation which began October 21st.

Bill Alfera NextEra Safety visited Genesis for Safety Assessment October 15-16

Signage was posted in unit 2 signifying jurisdiction of unit 2 to be Genesis Operations. All construction and startup function will need authorization and permission from operation to enter unit 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 Veritas weekly.

The total Safety Orientations/WEAP training for the month 56



Weekly Focus

RESTRICTED TOBACCO-USE POLICY

October 7, 2013



Make the RIGHT Choice

Smoking is prohibited in all areas of the workplace, indoors and outdoors, except in designated areas. The designated areas will be determined by the contractor based on safety considerations of specific areas.

Site Non Smoking areas at this time must include:

- Inside all buildings and enclosures
- Within 50' of flammable/combustible liquid storage areas
- Within the secondary containment area of the Power Blocks (1&2)
- Within 30' of any HTF containing system
- Within 50' of the natural gas line in pipe rack 25
- Any areas covered under local, state and federal regulations.

Each contractor shall designate a competent individual(s) to assure compliance with this policy.



A sign is posted at the entrance to the site stating "Smoking Is Prohibited on This Construction Site Except in Designated Areas." Similar signs shall be posted at all break areas and restrooms. Signs stating "This Is a Designated Smoking Area" shall be posted at appropriate locations as identified by your employer.

Bulletin boards, job boards and/or headache shacks should have a sign posted stating "Smoking is Prohibited on This Construction Site Except in Designated Areas."

When conducting work it is required to document on your JHA if you are working in a non smoking area.

The Genesis Site Smoking Policy is covered during the orientation and all employees have been informed of this policy. They have also signed orientation acknowledgement forms stating that they understand the policy and will comply with it. It is expected that all entities review and reiterate this information to their employees.

Management is responsible for the enforcement of this policy.

As construction progresses daily other areas will be smoking restricted as necessary.



Make the RIGHT Choice

October 14, 2013

Non-routine Tasks

Some jobs are done infrequently, and carry a high risk for acute traumatic injury or fatality. It is important to identify hazards associated with infrequently performed tasks and promote problem solving approaches that will address hazards before jobs are performed and tragedies occur. Training programs often do not address non-routine jobs and unusual circumstances. Often experience is the best teacher - lessons are learned in every accident and near miss.

Many workers have done an unsafe job, while knowing it was unsafe. Sometimes it is because the employees believe that there was no other way to do the job. Either the industry has failed to find safe ways to do these jobs, or they have failed to communicate those safe job procedures to the workers at risk. Additional pre-planning can help determine safer ways to perform difficult tasks.

"Hazard Mapping" can be very helpful in preventing unforeseen events. These maps include a diagram of the area, showing potential hazards (fall, electrical, chemical, etc.) and any other information important to safety to help plan for unusual events. Hazard maps can be simple for simple operations, and become very complex in a complicated operation. Hazard maps will always be a work in progress as new hazards are uncovered, and as processes change. Hazard maps are an essential tool in job hazard analysis.

Job hazard analysis is the task of analyzing the safety of a job in advance, to ensure that the hazards are fully understood and controlled. It should begin with a description of each step of the task, and the tools, equipment and personnel required. Hazards that are present and those that may be created by these tasks should be listed with the measures that will be used to control those hazards. Be familiar with the hazards of the chemicals used – read the MSDSs beforehand. Provide a written work plan to everyone involved to prevent miscommunication. Make sure everyone understands their role and the roles of the others that they are working with.

After the task is complete, it's important to review your process for maintaining safety during unusual tasks. Discuss the job with the employees that were involved and look for opportunities for improvement.

Although the supervisor in charge of the task is ultimately responsible for its safety, all members of the crew should be involved in the job hazard analysis.



Make the RIGHT Choice

October 21, 2013

Driving Safely

People tend to view themselves as being good drivers, capable of controlling what happens to them on the road. However, in 2010 there were 42,116 fatalities in the estimated 6.3 million motor vehicle crashes in the United States. Assessing how you drive and how you react to others on the road, understanding the limitations of your vehicle and maintaining your car so that it performs well are all critical factors in crash and injury prevention. You are your employer's most valuable asset! The way that you drive says everything about you and your company. Make a positive statement by following these safe driving practices.

Stay Safe

- Use a seat belt at all times.
And make sure your passengers do, too. Every 15 seconds, someone is injured in a car crash; every 13 minutes, someone is killed. Seat belts are the most effective means of reducing serious injuries and fatalities and are estimated to save more than 11,000 lives each year.
- Watch your speed. Speeding is one of the most prevalent factors contributing to traffic crashes, according to the NHTSA. In 2010, speeding was a contributing factor in 30% of all fatal crashes, resulting in 12,850 lost lives.

Site Speed Limits

Access Road

6:00 pm through 6:30 am 25 mph
6:31 am through 5:59 pm 45 mph
25 mph through kit fox area

Onsite

25 mph on paved roads
10 mph past power blocks 1 and 2
5 mph around the perimeter/through power blocks and congested areas

Stay Focused

- Driving requires your full attention.
Many accidents occur when drivers let their eyes and minds wander. Distractions are a factor in 25% to 50% of all vehicle crashes, according to the NHTSA. One study found that the three most common distractions are: outside distractions (e.g., accidents, vehicles stopped by police, construction and aggressive drivers), adjusting music controls and other occupants in the car.
- Driving is a full-time job—avoid using your cell phone. Instead, pull safely off the road and out of traffic before making a call. Studies have found that drivers are four times more likely to be involved in a crash when using a cell phone. So, if you use your cell phone while driving just 15% of the time, you are about 50% more likely to be involved in a crash than someone who doesn't use a cell phone while driving. Using a hands-free device is not the solution for avoiding a crash—phone conversations take your mind off the road and off the important task of driving. If you want to be a safe driver, you can't spend a lot of time talking on the phone.
- Continually search the roadway to be alert to situations requiring quick action.

Avoid Aggressive Driving

- Passing is prohibited onsite.
- Keep your cool in traffic!
- Be patient and courteous to other drivers.
- Do not take other drivers' actions personally.

There are more than 1,700 fatalities and 840,000 injuries yearly due to vehicle crashes off public highways. Driving onsite is a privilege and revocation of driving privileges or termination could result for disregarding any of the site driving policies.



Make the RIGHT Choice

October 28, 2013

Spotter Usage

Our site has a variety of vehicles and equipment. Although the site is fairly large there are many instances where we must navigate equipment through tight conditions. Whenever moving a vehicle in a direction with an obstructed view, or if the vehicle has extended components a spotter will be used. Blind backing is inherently dangerous since materials, employees and other obstacles are expected to be encountered nearly everywhere.

Good practice dictates that backing of vehicles should be avoided, whenever possible. Routes of travel should be planned and easy exit parking spaces selected to avoid backing. As this is not always practical, the following responsibilities should be followed to avoid an incident:

Driver Responsibilities:

- If a spotter is impractical be sure to conduct a walk around of the vehicle prior to backing, as conditions constantly change and materials at low heights may be hard to see.
- Bring the unit to a complete stop. Never be in a hurry when backing or moving vehicles.
- Make visual and verbal contact with the spotter. If you cannot see or hear the spotter, do not backup!
- When backing, the driver and spotter must establish and continue eye contact in the left rear view mirror at all times. The driver shall immediately stop if he or she loses sight of the guiding employee and shall exit the vehicle to establish the spotter's location.
- The spotter shall use hand signals to indicate it is safe for movement in a certain direction. Verbal commands alone are not adequate.
- A good practice for the driver to follow is to give a two blast warning on the horn just prior to backing.
- When parking a vehicle that later must be backed, the operator may place a cone behind the vehicle to maintain clearance and serve as a reminder to check behind the vehicle before backing.

Spotter Responsibilities:

- Conduct a walk around and survey the backing area and all other sides of the vehicle checking for hazards. Before proceeding to back unit, being sure to also check the overhead clearance.
- Communicate any observed hazards to the driver.
- Place yourself eight to ten feet to the left rear of the unit.
- Establish visual and verbal contact with the driver and continue eye to eye contact. When backing, continue eye to eye contact in the left rear view mirror at all times.
- Stop the driver if any hazards are observed or if you are uncertain of the direction that the driver is maneuvering.

Appendix G
Miscellaneous Submittals and Information

October 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):

- ♦ Unit 1- Pouring pipe supports.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.
Draining Block 4 header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe in areas 11,12,15,20,23,24,26.
Working ladders and platforms. Working STG enclosure steel .
Install control and jacking oil piping. Punch list on various
systems. Pneumatic test on Nitrogen system.

Solar Field Above Ground Electrical (K029):

- ♦ Working substations A and C. Terminating in Ring 6 and 2.
Fiber terminations in Ring 3. Installing LOC's in Ring 4.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and pulling power to heat trace panels.
- ♦ Unit 1-Installing conduit in areas 11,13,16 and 17. Pulling cable
in Areas 12 and 18. Terminating in Area's 12,13,17 and 18.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing piping around freeze protection pumps and on
Pipe Rack 22 West.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Installing conduit and pulling cable to panel in Area's 24
and 14. Terminating in Area 23 and 14. Installing valve blankets
and punch list.
- ♦ Unit 1- Installing conduit and Heat Trace. Insulating the
Expansion Tank. Insulating Crossover piping and installing
HCE covers in Block 3.

Site Safety Topic Of The Week:
"Utility Transportation Vehicles"

Weather		
Clear	Temp-High 95	Winds-Northwest at 8 mph



Power Block 1 Circuit Breaker



Power Block 1 Train 1

Pylon, SCE Assembly and Installation(K100):

- ♦ Setting SCE's in Block 8. Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing and welding HCE tubes in Block 4. Testing in Block 6. Installing crossovers in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Prepping for hydro and aqua lazing activities.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Placing rock under ACC.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	10
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	8
Total Personnel Onsite	841



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 2, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1- Establishing subgrade on Power Block road.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8. Draining Block 4 header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms. Working STG enclosure steel. Installing control and jacking oil piping. Post Weld Heat Treat on Train 2. Punch list on various systems.

Solar Field Above Ground Electrical (K029):

- ♦ Working substation C. Terminating in Ring 6 and 2. Fiber terminations in Ring 3. Installing LOC's in Ring 4.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and pulling power to heat trace panels.
- ♦ Unit 1- Installing conduit in areas 11,13,16 and 17. Pulling cable in Areas 12 and 18. Terminating in Area's 12,13,17 and 18. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing piping around freeze protection pumps. Hydro testing piping on Pipe Rack 22 west.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Installing conduit and pulling cable to panel in Area's 24 and 14. Terminating in Area 23 and 14. Installing valve blankets and punch list.
- ♦ Unit 1- Installing conduit and Heat Trace. Insulating the Expansion Tank. Insulating Crossover piping and installing HCE covers in Blocks 1 and 2. Insulating Header Piping in Block 2.

Site Safety Topic Of The Week:
"Utility Transportation Vehicles"

Weather		
Clear	Temp-High 95	Winds-Southwest at 13 mph



Power Block 1 Overflow Vessels



Power Block 1 Train 2

Pylon, SCE Assembly and Installation(K100):

- ♦ Setting SCE's in Block 8. Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing and welding HCE tubes in Block 4. Testing in Block 6. Installing crossovers in Block 8.

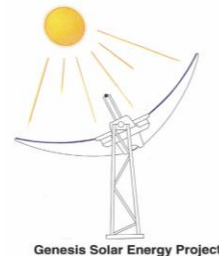
Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Prepping for hydro and aqua lazing activities.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Placing rock under ACC.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	10
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	8
Total Personnel Onsite	841



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 3, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1-Establishing Subgrade on Power Block road.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.
Complete draining of Block 4 header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms. Working STG enclosure steel. Installing control and jacking oil piping. Post Weld Heat Treat on Train 2. Punch list on various systems.

Solar Field Above Ground Electrical (K029):

- ♦ Working Substation C, terminating in Rings 6 and 2. Fiber and data terminations in Ring 3. Installing LOCs in Ring 4.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Lighting, pulling and terminating heat trace feeder cables.
- ♦ Unit 1 – Installing conduit in areas 11, 13, 16 and 17. Pulling cable in Area's 18, 14, 20 and 12. Terminating in Area's 12, 13, 17 and 18. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing piping around freeze protection pumps.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Installing conduit and pulling cable in areas 24 and 14. Terminating in areas 14 and 23. Installing valve blankets. Working punchlist.
- ♦ Unit 1 – Installing conduit and Heat Trace. Insulating the Expansion Tank. Insulating Crossover piping and installing HCE covers in Blocks 1 and 2. Insulating Header Piping in Block 2.

Site Safety Topic Of The Week:
"Utility Transportation Vehicles"

Weather		
Clear	Temp-High 92	Winds-South at 2 mph.



Solar Field 1 – Final SCE



Power Block 2 – ACC

Pylon, SCE Assembly and Installation(K100):

- ♦ Set final SCE in Block 8. Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing and welding HCE tubes in Block 4. Testing in Block 6. Installing crossovers in Block 8.

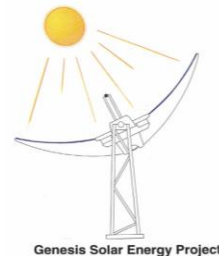
Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Prepping for hydro and aqua lazing activities.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Placing rock under ACC.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	10
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	8
Total Personnel Onsite	841



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 4, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 2 – Bollards and Supports.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8. Welding header pipe at bridge 2.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms. Working STG enclosure steel. Installing control and jacking oil piping. Punch list on various systems.

Solar Field Above Ground Electrical (K029):

- ♦ No Activity Today

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Lighting, pulling and terminating heat trace feeder cables.
- ♦ Unit 1 – Installing conduit in areas 11, 14 and 15. Pulling cable in Area's 11, 14, 15, 18 and 20. Terminating in Area's 11, 14, 15, 18 and 20. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Installing piping around freeze protection pumps.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Installing conduit and pulling cable in areas 24 and 14. Terminating in areas 14 and 23. Working punchlist.
- ♦ Unit 1 – Installing conduit and Heat Trace. Insulating the Expansion Tank. Insulating Crossover piping and installing HCE covers in Blocks 1 and 2. Insulating Header Piping in Block 2.

Site Safety Topic Of The Week:
"Utility Transportation Vehicles"

Weather		
Clear	Temp-High 84	Winds-North 15 mph.



Power Block 1 – Expansion Vessel



Power Block 1 – Area 11

Pylon, SCE Assembly and Installation(K100):

- ♦ No Activity Today.

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing and welding HCE tubes in Block 4. Testing in Block 6. Installing crossovers in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Prepping for hydro and aqua lazing activities. Receive chemical clean equipment.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Power Block 2 access road subgrade.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	10
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	83
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	8
Total Personnel Onsite	841

October 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):

- ♦ Unit 2- Establishing subgrade on Power Block road.
- ♦ Common Area- Establishing subgrade on road.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8. Draining Block 4 header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms. Installing control and jacking oil piping. Punch list on various systems.

Solar Field Above Ground Electrical (K029):

- ♦ Working substation C. Terminating in Ring 6 and 2. Fiber terminations in Ring 3. Installing LOC's in Ring 4.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and terminating heat trace feeder panels.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working air lines to Heat Trace panels.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Prepping to commission Heat Trace system. Installing valve blankets and punch list.
- ♦ Unit 1- Installing conduit and Heat Trace. Insulating the Expansion Tank. Insulating Crossover piping and installing HCE covers in Blocks 3 and 7. Insulating Header Piping in Block 2.

Site Safety Topic Of The Week:
"Restricted Tobacco-Use Policy"

Weather		
Clear	Temp-High 94	Winds-Southwest at 6 mph



Power Block 1 Expansion Vessel



Power Block 1 Main HTF Header

Pylon, SCE Assembly and Installation(K100):

- ♦ Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lasing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Placing geogrid and prepping for aggregate base placement.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	10
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	25
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	8
Total Personnel Onsite	783



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 8, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Common Area- Establishing subgrade on road.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8. Draining Block 4 header.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms. Installing control and jacking oil piping. Punch list on various systems. Continue with hydro testing.

Solar Field Above Ground Electrical (K029):

- ♦ Working substation C. Terminating in Ring 6 and 2. Fiber terminations in Ring 3. Installing LOC's in Ring 4.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and terminating heat trace feeder panels.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

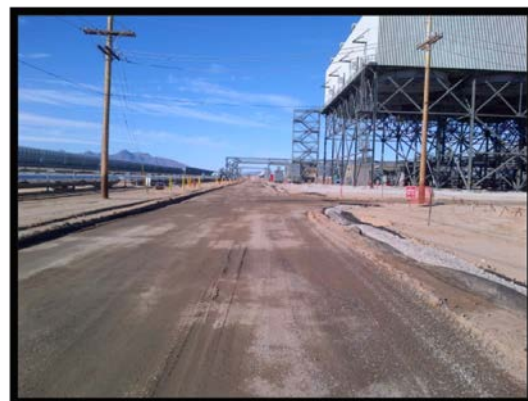
- ♦ Unit 1- Working supports and piping around the Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Prepping to commission Heat Trace system. Installing valve blankets and working punch list. Heat Tracing HTF seal oil skids.
- ♦ Unit 1- Installing conduit and Heat Trace. Insulating Crossover piping and installing HCE covers in Blocks 2,3 and 7. Insulating Header Piping in Block 2. Insulating Power Block main HTF header.

Site Safety Topic Of The Week:
"Restricted Tobacco-Use Policy"

Weather		
Clear	Temp-High 92	Winds-Southwest at 12 mph



Power Block 2 Road



Power Block 1 Freeze Protection Pumps

Pylon, SCE Assembly and Installation(K100):

- ♦ Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lasing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Placing geogrid and aggregate base on Power Block road.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	5
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	25
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	15
Total Personnel Onsite	785

October 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):

- ♦ Common Area- Establishing subgrade on road.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms. Installing control and jacking oil piping. Punch list on various systems. Continue with hydro testing.

Solar Field Above Ground Electrical (K029):

- ♦ Working substation C. Terminating in Ring 7 and 2. Fiber terminations in Ring 3. Installing LOC's in Ring 4.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Commissioning Heat Trace system. Installing valve blankets and working punch list. Heat Tracing HTF seal oil skids.
- ♦ Unit 1- Installing conduit and Heat Trace. Insulating Crossover piping and installing HCE covers in Blocks 2,3 and 7. Insulating Header Piping in Block 2. Insulating Power Block main HTF header.

Site Safety Topic Of The Week:
"Restricted Tobacco-Use Policy"

Weather		
Cloudy	Temp-High 76	Winds-Southwest at 18 mph



Power Block 1 Chemical Clean Equipment Set up



Power Block 1 HTF Overflow Vessels and Piping

Pylon, SCE Assembly and Installation(K100):

- ♦ Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lazing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Placing aggregate base on Power Block road. Removing tortoise fence.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	5
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	6
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	15
Total Personnel Onsite	766



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 10, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Common Area- Establishing subgrade on road.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms. Installing control and jacking oil piping. Punch list on various systems. Continue with hydro testing.

Solar Field Above Ground Electrical (K029):

- ♦ Working substation C. Terminating in Rings 7 and 2. Fiber terminations in Ring 3. Installing LOC's and flex in Ring 4. Installing instruments on North/South run.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Commissioning Heat Trace system. Installing valve blankets and working punch list. Heat Tracing HTF seal oil skids.
- ♦ Unit 1- Installing conduit and Heat Trace. Insulating Crossover piping and installing HCE covers in Blocks 2,3 and 7. Insulating Header Piping in Block 2 and 6. Insulating Power Block main HTF header.

Site Safety Topic Of The Week:
"Restricted Tobacco-Use Policy"

Weather		
Clear	Temp-High 73	Winds-Southwest at 3 mph



Power Block 1 Steam Turbine Generator



Power Block 1 Pipe Rack 22 West

Pylon, SCE Assembly and Installation(K100):

- ♦ Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lazing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Placing aggregate base on Power Block road. Removing tortoise fence.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	5
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	95
BPC (K100)	6
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	15
Total Personnel Onsite	766

October 11, 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):

- ♦ Common Area- Establishing subgrade on road.
- ♦ Unit 1- Pouring substation landings and deluge steps.
- ♦ Unit 2- Pouring Well 2 slab.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Auxiliary Steam, Boiler Steam, Boiler Blow down, Gland Steam and Steam systems. Working ladders and platforms and STG enclosure. Installing control and jacking oil piping. Punch list on various systems. Continue with hydro testing.

Solar Field Above Ground Electrical (K029):

- ♦ No Activity.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Commissioning Heat Trace system. Installing valve blankets and working punch list. Heat Tracing HTF seal oil skids.
- ♦ Unit 1- No Activity.

Site Safety Topic Of The Week:
"Restricted Tobacco-Use Policy"

Weather		
Clear	Temp-High 81	Winds-Southwest at 3 mph



Common Area Road



Power Block 1 Feed Water Structure

Pylon, SCE Assembly and Installation(K100):

- ♦ No Activity.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lazing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Placing aggregate base on Power Block road. Excavating trench drains.
- ♦ Common Area- Placing aggregate base and geo-grid on road.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	5
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	0
Newtron (K030)	170
Fe Moran (K032)	2
Petrochem (K036)	35
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	15
Total Personnel Onsite	686



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 14, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Common Area- Establishing subgrade on road.
- ♦ Unit 1- Forming pipe supports.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam, Boiler Blow down, Steam systems. Working ladders and platforms and STG enclosure. Installing control and jacking oil piping. Punch list on various systems. Continue with hydro testing.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing LOC's and flex in Ring 4. Installing instruments on the North/South header. Working substation C and terminating Fiber in Ring 2.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Commissioning Heat Trace system. Installing valve blankets and working punch list.
- ♦ Unit 1- Insulating Block 5/6 header and interconnects. Insulating main Power Block HTF header. Insulating Expansion/Overflow HTF piping. Installing conduit in Area's 17,15 and 16.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 87	Winds-Northeast at 9 mph



Power Block 2 Trench Drains



Power Block 1 ACC Condenser Tank

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lasing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Forming trench drains.
- ♦ Common Area- Placing aggregate base and geo-grid on road.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	5
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	35
BPC (K100)	6
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	15
Total Personnel Onsite	706



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 15, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1- Forming pipe supports.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam, Boiler Blow down, Steam systems. Working ladders and platforms and STG enclosure. Installing control and jacking oil piping. Punch list on various systems. Aligning HTF pumps. Continue with hydro testing.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing LOC's and flex in Ring 4. Installing instruments on the North/South header. Working substation C and terminating Fiber in Ring 2.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks. Prepping for deluge test.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Commissioning Heat Trace system. Installing valve blankets and working punch list.
- ♦ Unit 1- Insulating Block 5/6 header and interconnects. Insulating main Power Block HTF header. Insulating Expansion/Overflow HTF piping. Installing conduit and pulling wire in Area's 17,15 and 16.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 85	Winds-Northeast at 12 mph



Power Block 1 Train 2



Common Area Road Base

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lazing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Forming trench drains.
- ♦ Common Area- Placing aggregate base on road and Admin building parking lot.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	5
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	35
BPC (K100)	6
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	15
Total Personnel Onsite	706



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 16, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1- Forming pipe supports and stair landings.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam, Boiler Blow down, Steam systems. Working ladders and platforms and STG enclosure. Installing jacking oil piping. Punch list on various systems. Aligning HTF pumps. Continue with hydro testing.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing LOC's and flex in Ring 4. Installing instruments on the North/South header. Working substation C and terminating Fiber in Ring 2.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks. Performed spray pattern test on the Main Transformer, Overflow Vessels, Expansion Tank, Overflow Pumps, HTF Pumps, Freeze Protection Pumps and Pipe Rack 22 West.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Commissioning Heat Trace system. Installing valve blankets and working punch list.
- ♦ Unit 1- Insulating Block 5/6 header and interconnects. Insulating main Power Block HTF header. Insulating Expansion/Overflow HTF piping. Installing conduit and pulling wire in Area's 17,15 and 16.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 82	Winds-Northeast at 15 mph



Power Block 1 Expansion Tank Spray Pattern Test



Power Block 1 Overflow Vessels

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Leveling SCA's in Block 8.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4 and 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lasing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Pouring trench drains.
- ♦ Common Area- Completed Common Area Base placement.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	5
BPC (K021)	65
PMI (K022)	230
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	10
Petrochem (K036)	35
BPC (K100)	6
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	15
Total Personnel Onsite	706

October 17, 2013

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1- Pouring pipe supports and stair landings.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam, Boiler Blow down, Steam systems. Working STG enclosure. Installing jacking oil piping. Punch list on various systems. Aligning HTF pumps. Continue with hydro testing.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Installing LOC's and flex in Ring 4. Installing instruments on the North/South header. Working substation C and terminating Fiber in Ring 3.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Commissioning Heat Trace system. Installing valve blankets and working punch list.
- ♦ Unit 1- Insulating Block 5/6 header and interconnects. Insulating main Power Block HTF header. Insulating Expansion/Overflow HTF piping. Installing conduit and pulling wire in Area's 17,15 and 16.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 83	Winds-Southeast at 7 mph



**Solar Field 1 Block 6 Header Pipe
Insulation**



Power Block 1 Train 2

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1- Leveling SCA's in Block 8. Replacing mirrors throughout Solar Field.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4 and 8. Testing in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lazing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Pouring trench drains and removing tortoise fence.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	205
Newtron (K029)	6
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	105
BPC (K100)	6
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	745

October 18, 2013

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014



Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1- Pouring and stripping pipe supports and stair landings.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam and Boiler Blow down. Working STG enclosure. Installing jacking oil piping. Punch list on various systems. Aligning HTF pumps. Continue with hydro testing.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Unit 1- Terminating Fiber in Ring 6.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2- Lighting and working punch list.
- ♦ Unit 1- Installing conduit in areas 11,14 and 15. Pulling cable in Areas 11, 12, 14, 15,18 and 20. Terminating in Area's 11, 14,15,18 and 20. Working instrument air header and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping around the Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Installing valve blankets and working punch list.
- ♦ Unit 1- Insulating Block 5/6 header and interconnects. Installing conduit and pulling wire in Area's 17,15 and 16.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 88	Winds-Southeast at 3 mph



Power Block 1 Pipe Rack 25 Cable Tray



Power Block 1-Heat Trace Wire Pull

Pylon, SCE Assembly and Installation(K100):

- ♦ No activity.

HCE Tube Installation (K102):

- ♦ Unit 1- Installing HCE tubes in Block 8 and welding in Block 4 and 8. Testing in Block 4.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1- Continue hydro and aqua lasing activities. Prepping for chemical cleaning.

Finish Grade and Final Paving (K211):

- ♦ Unit 2- Pouring trench drains and fine grading roads.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 21, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Stripping pipe supports and stair landings.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam and Boiler Blow down. Working STG enclosure. Installing jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – Data terminations in ring 4, fiber optic and LOCs in ring 6.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Punchlist completion, demobilize lighting.
- ♦ Unit 1 – Installing conduit in areas 11, 14 and 15. Pulling cable in Area's 11, 14, 15, 18, 20 and 25. Terminating in Area's 11, 14, 15, 18 and 20. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping at Ullage Tanks.

Insulation and Heat Tracing (K036):

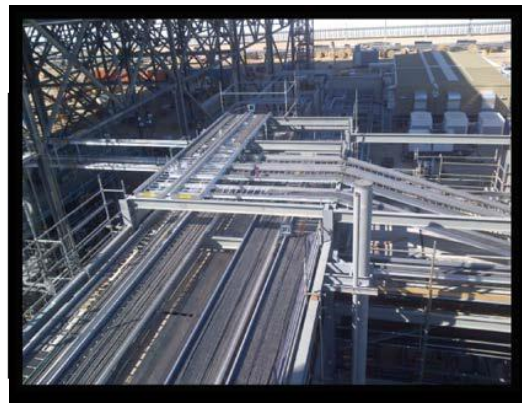
- ♦ Unit 2- Install blankets and work punch list.
- ♦ Unit 1 – Insulating Block 5/6 header and interconnects. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 91	Winds-2 mph.



Power Block 1 – Expansion Vessel



Power Block 1 – Area 26

Pylon, SCE Assembly and Installation(K100):

- ♦ No Activity.

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing and welding HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua lazing activities. Prepare for chemical clean.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Backfill trench drains and continue fine grading.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 22, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1 – Drain valves backfill.

Solar Field Header Piping (K021):

- ♦ Unit 1- Working all aspects of Header installation in Block 8. Fill for Hydro in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam and Boiler Blow down. Working STG enclosure. Installing jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – Fiber Optic terminations in Ring 6. Power and instrumentation terminations in Ring 7. LOC and flex installation in Ring 8. North/South Header instruments.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Punchlist completion, demobilize lighting.
- ♦ Unit 1 – Installing conduit in areas 11, 14 and 25. Pulling cable in Area's 11, 14, 15, 18, 20 and 25. Terminating in Area's 11, 12, 14, 18, 25 and 26. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping at Ullage Tanks.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Install blankets and work punch list.
- ♦ Unit 1 – Insulating Block 5/6 header and interconnects. Insulate 28 inch North/South Header. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 93	Winds-North 2 mph.



Power Block 1 – Ullage Area



Solar Field 1 – North/South Header Insulation

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1 – Replace broken mirrors.

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing and welding HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua lasing activities. Prepare for chemical clean.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Backfill trench drains and continue fine grading.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646



Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 23, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1 – Pour Stair Landings and backfill HDPE lines.

Solar Field Header Piping (K021):

- ♦ Unit 1- Fill for Hydro test tomorrow in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam and Boiler Blow down. Working STG enclosure. Working control and jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – Fiber Optic terminations in Ring 6. Power and instrumentation terminations in Ring 7. LOC and flex installation in Ring 8. North/South Header instruments.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Punchlist completion, demobilize lighting.
- ♦ Unit 1 – Installing conduit in areas 11, 14 and 25. Pulling cable in Area's 11, 14, 16, 18 and 25. Terminating in Area's 11, 12, 14, 18, 25 and 26. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Working supports and piping at Ullage Tanks. Hydro Ullage piping.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Install blankets and work punch list.
- ♦ Unit 1 – Insulating Block 5/6 header and interconnects. Insulate 28 inch North/South Header. Insulate Pipe Rack 23 38 inch header. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 85	Winds-North 2 mph.



Power Block 1 – Chemical Clean Preparations



Power Block 1 – Pipe Rack 22

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1 – Replace broken mirrors.

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing and welding HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua lazing activities. Prepare for chemical clean.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Backfill drainage trenches and continue fine grading.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646

October 24, 2013

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014



Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1 – Pour Stair Landings and backfill HDPE lines.

Solar Field Header Piping (K021):

- ♦ Unit 1- Finish fill for Hydro test in Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam and Boiler Blow down. Working STG enclosure. Working control and jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – Fiber Optic terminations in Ring 6. Power and instrumentation terminations in Ring 7. LOC and flex installation in Ring 8. North/South Header instruments.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Punchlist completion, demobilize lighting.
- ♦ Unit 1 – Installing conduit in areas 11, 14 and 25. Pulling cable in Area's 11, 14, 16, 18 and 25. Terminating in Area's 11, 12, 14, 18, 25 and 26. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Start Pipe Rack 22 East and finish Ullage piping.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Install blankets and work punch list.
- ♦ Unit 1 – Insulating Block 5/6 header and interconnects. Insulate 28 inch North/South Header. Insulate Pipe Rack 23 38 inch header. Stage insulation for Train 1 and Train 2. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 91	Winds-North 2 mph.



Power Block 1 – Pipe Rack 23



Power Block 1 – Chemical Clean Preparations

Pylon, SCE Assembly and Installation(K100):

- ♦ Unit 1 – Replace broken mirrors.

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing and welding HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua lazng activities. Prepare for chemical clean.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Backfill drainage trenches and continue fine grading.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646

October 25, 2013

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014



Genesis Solar Energy Project

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1 – Strip Stair Landings
- ♦ Unit 2—Backfill HDPE lines.

Solar Field Header Piping (K021):

- ♦ Unit 1- Hyrdo Test Block 8.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam and Boiler Blow down. Working STG enclosure and steam drums. Working control and jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – No Activity

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Punchlist completion, demobilize lighting.
- ♦ Unit 1 – Installing conduit in areas 11, 14 and 25. Pulling cable in Area's 11, 14, 16, 18 and 25. Terminating in Area's 11, 12, 14, 18, 25 and 26. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Start Pipe Rack 22 East and deluge test Ullage system.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Install blankets and work punch list.
- ♦ Unit 1 – Insulating Block 5/6 header and interconnects. Insulate 28 inch North/South Header. Insulate Pipe Rack 23 38 inch header. Stage insulation for Train 1 and Train 2. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 90	Winds-North 2 mph.



Power Block 1 – Train 1



Power Block 1 – Expansion Vessel

Pylon, SCE Assembly and Installation(K100):

- ♦ No activity

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing and welding HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua lasing activities. Start for chemical clean process.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Fine grade and prepare for paving activities.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646

October 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 – Form Substation C stair landing

Solar Field Header Piping (K021):

- ♦ Unit 1- Drain Header post Block 8 Hydro.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Installing and welding pipe on Boiler Steam and Boiler Blow down. Working STG enclosure, lube oil and steam platforms. Working control and jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – Terminations in Rings 4 and 7. Flex installation in Rings 4 and 8. Work unit substation C. Install and terminate instruments on North/South Header.

Power Block Above Ground Electrical (K030):

- ♦ Unit 2 – Punchlist completion, demobilize lighting.
- ♦ Unit 1 – Installing conduit in areas 11, 14 and 25. Pulling cable in Area's 11, 14, 16, 18 and 25. Terminating in Area's 11, 12, 14, 18, 25 and 26. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Install piping in Pipe Rack 22 East.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Work punch list.
- ♦ Unit 1 – Insulating Block 5/6 header and interconnects. Insulate North/South Header. Insulate Pipe Rack 23 38 inch header. Prepare for Train 1 and Train 2. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Partly Cloudy	Temp-High 81	Winds-WSW 25 mph.



Power Block 1 – Train 1



Power Block 1 – Area 11

Pylon, SCE Assembly and Installation(K100):

- ♦ No activity

HCE Tube Installation (K102):

- ♦ Unit 1 – Installing, welding and testing HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua laging activities. Complete chemical clean activities begin cool down.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Fine grade and prepare for paving activities.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646



Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1 – Form ladder landings and work slope west of evaporation ponds.

Solar Field Header Piping (K021):

- ♦ Unit 1- Continue draining Header post Block 8 Hydro.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Working STG enclosure, lube oil and steam platforms. Working control and jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – Terminations in Rings 4 and 7. Flex installation in Rings 4 and 8. Work unit substation C. Install and terminate instruments on North/South Header.

Power Block Above Ground Electrical (K030):

- ♦ Unit 1 – Installing conduit in areas 11, 14 and 25. Pulling cable in Area's 11, 14, 16, 18 and 25. Terminating in Area's 11, 12, 14, 18 and 25. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Install piping in Pipe Rack 22 East.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Work punch list.
- ♦ Unit 1 –Insulate North/South Header. Insulate Pipe Rack 23 38 inch header. Prepare for Train 2 and insulate Train 1. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Non-routine Tasks"

Weather		
Clear	Temp-High 76	Winds-WSW 7 mph.



Power Block 1 – Steam Train 2



Power Block 2 – Paving

Pylon, SCE Assembly and Installation(K100):

- ♦ No activity

HCE Tube Installation (K102):

- ♦ Unit 1 – Welding and testing HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua laging activities. Demobilization of chemical clean equipment.

Finish Grade and Final Paving (K211):

- ♦ Unit 2 – Install pavement on Power Block 2 roadways, prepare Common Area roadways.

Personnel Onsite	Total
Genesis Management	42
Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	65
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	40
BPC (K100)	0
BPC (K102)	65
B&W Fluid Dynamics (K205)	4
Sukut (K211)	5
Total Personnel Onsite	646

Unit 2 COD: November 1st, 2013
Unit 1 COD: April 1st, 2014

October 31, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues reported.

General Services (K010):

- ♦ Unit 1 – Pour ladder and stair landings.

Solar Field Header Piping (K021):

- ♦ Unit 1- Completed draining Header post Block 8 Hydro.

Power Block Piping and Mechanical (K022):

- ♦ Unit 1- Working STG enclosure, lube oil and steam platforms. Working control and jacking oil piping. Punch list on various systems.
- ♦ Common Area- Working carbon steel pipe change out.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field 1 – Terminations in Rings 4. Fiber and data in Ring 7 Flex installation in Rings 4 and 8. Work unit substation C. Install and terminate instruments on North/South Header.

Power Block Above Ground Electrical (K030):

- ♦ Unit 1 – Installing conduit in areas 11, 14 and 25. Pulling cable in Area's 11, 14, 16, 18 and 25. Terminating in Area's 11, 12, 14, 18 and 25. Working instrument air lines and mounting instruments.

Fire Protection and Detection Systems (K032):

- ♦ Unit 1- Install piping in Pipe Rack 22 East.

Insulation and Heat Tracing (K036):

- ♦ Unit 2- Work punch list.
- ♦ Unit 1 – Insulate North/South Header. Insulate Pipe Rack 23 38 inch header. Prepare for Train 2 and insulate Train 1. Run conduit and pull wire in Area's 15, 16 and 17.

Site Safety Topic Of The Week:
"Spotter Use"

Clear	Temp-High 79	Winds-NW 7 mph.
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Power Block 1 – Main Transformer Yard



Common Area – Paving

HCE Tube Installation (K102):

- ♦ Unit 1 – Welding and testing HCE tubes in Block 8.

Pre-commissioning B&W Fluid Dynamics (K205):

- ♦ Unit 1 - Continue aqua lazing activities. Demobilization of chemical clean equipment.

Finish Grade and Final Paving (K211):

- ♦ Install pavement on Power Block 2 and Common Area roadways.

Genesis Operations	38
Compliance Monitors	8
Guardsmark (K005)	4
PSI (K007)	3
Sukut (K010)	15
BPC (K021)	15
PMI (K022)	180
Newtron (K029)	3
Newtron (K030)	170
Fe Moran (K032)	4
Petrochem (K036)	110
BPC (K102)	15
B&W Fluid Dynamics (K205)	4
Sukut (K211)	14
Total Personnel Onsite	625

Genesis Daily Well Readings - Well Pads in acre feet x .001

	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
Tue. 10/01	Out of Service (OS)	261929	(OS)		
Wed. 10/02	(OS)	262516	(OS)		
Thu. 10/03	(OS)	263121	(OS)		
Fri. 10/04	(OS)	263320	(OS)		
Sat. 10/05	(OS) acre feet x .001	263320 acre feet x .001	(OS)		Friday reading 10/04
Sun. 10/06	(OS)	263320	(OS)		
Mon. 10/07	(OS)	256431	(OS)		
Tue. 10/08	(OS)	254613	(OS)		
Wed. 10/09	(OS)	258785	(OS)		
Thu. 10/10	(OS)	264519	(OS)		
Fri. 10/11	(OS)	264833	(OS)		
Sat. 10/12	(OS) acre feet x .001	264833 acre feet x .001	(OS)		Friday reading 10/11
Sun. 10/13	(OS)	264833	(OS)		
Mon. 10/14	(OS)	256347	(OS)		
Tue. 10/15	(OS)	256437	(OS)		
Wed. 10/16	(OS)	255681	(OS)		
Thu. 10/17	(OS)	266709	(OS)		
Fri. 10/18	(OS)	267107	(OS)		
Sat. 10/19	(OS) acre feet x .001	267107 acre feet x .001	(OS)		Friday reading 10/18
Sun. 10/20	(OS)	267107	(OS)		
Mon. 10/21	(OS)	267515	(OS)		
Tue. 10/22	(OS)	267615	(OS)		
Wed. 10/23	(OS)	267712	(OS)		
Thu. 10/24	(OS)	267914	(OS)		
Fri. 10/25	(OS)	268127	(OS)		
Sat. 10/26	(OS) acre feet x .001	268127 acre feet x .001	(OS)		Friday reading 10/25
Sun. 10/27	(OS)	268127	(OS)		
Mon. 10/28	(OS)	268219	(OS)		
Tue. 10/29	(OS)	268296	(OS)		
Wed. 10/30	(OS)	268357	(OS)		
Thu. 10/31	(OS)	268518	(OS)		