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Genesis Solar Energy Project Eastern Riverside County, California

Genesis Solar, LLC

Monthly Compliance Report #39 January 2014

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

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

- The Genesis Solar Energy Project received authorization to construct from the California Energy Commission (CEC) on September 29, 2010 and the US Bureau of Land Management (BLM) on November 4, 2010. In accordance with the California Energy Commission's (CEC) Condition of Certification (COC) number COMPLIANCE-6, please see the following report that summarizes compliance with CEC and BLM's requirements for pre-construction and construction activities for the month of January, 2014.

During the month of January 2014, Project activities included:

- Steam blows occurred in January.
- Sukut - completed the removal of the temporary tortoise fence and began paving in Unit #1.
- Newtron – completed outdoor lighting and demobilized.
- Petrochem – demobilized in the month of January

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
1/14/14	CEC	COM-06	December 2013 MCR
1/21/14	CEC	TLSN-4	Metallic Object Grounding
1/22/14	CEC	VIS-2	Permanent Lighting Unit 2 and Common Area
1/22/14	CEC	AQ-20	Drift Eliminator Manufacturer Guarantee
1/28/14	CEC	BIO-14	Pesticide Use Permit (PUP)

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 (AQCOMM) 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 (AQCOMM): 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 AQCOMM is unavailable.

No new applications were submitted in January 2014.

AQ-SC3: Construction Fugitive Dust Control; AQCOMM 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 AQCOMM 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 January, 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 on the main access road from 6:15 AM to 5:00 PM and 25 mph posted for the night hours, for the main access road, in the month of January.
- 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 January.

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 January, 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 January 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 January. 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 January, the total number of personnel who received the Construction Worker Environmental Awareness Training was 34. The number of personnel who have received the training to date is 4283. 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 January.

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 January.

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 during the month of January.

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 January.

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.

No new applications submitted in the month of January.

There were no injuries in the month of January.

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 \$159,623.15 was paid to the CBO during the month of January.

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 January.

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 January.

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 January.

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.

Disturbance activities did not require Paleo monitoring during January.

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 January.

See Appendix G

COMPLIANCE-13 – Post Certification Amendments

No Amendments submitted/approved for the month of January.

Compliance Matrix

Master Matrix

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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		Due at end of construction	
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		Due at end of construction	
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		Due at end of construction	
312	CEC			x	CUL-6	Cultural Resources Report	Submit the final CRR.	AECOM	< 180d after completion of gd		After end of construction	
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	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.	McCord	following first sustained output of 90%			
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.	Rob Holt	pt initiating changes			
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		Will Occur Before 3/15/14	C-updated Agency notes
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			Will Occur Before 3/15/14	C-updated Agency notes
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		Will Occur Before 3/15/14	C-updated Agency notes
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			
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			
537	CEC		x		GEN-1	2007 Ca Building 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		Fluor done - Holt and BV remain 1/31/13	
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.	McCord				
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			
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			
575	CEC		x		CIVIL-4	Final Grading Plans - CBO submittal	After completion of finished grading and erosion and sedimentation	Holt	< 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			
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/Holt	> 30d pt installation			
626	CEC		x		PAL-7	Paleontological Resources Report	Submit a Paleontological Resources Report (PRR).	AECOM	< 90d after completion of gd			
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.	Matt McCord/Patrick	< 60d after first synchronization		2/1/2013	
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			

Master Matrix

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
535B	CEC		x	x	GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO) Unit 1	BV	< 30d of receipt		Temporary CO received	
40	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit a report of test results to the District. UNIT 1	McCord	< 45d after test	Submitted to MDAQMD and CEC on 2/18/14	in route to CEC and MDAQMD	C-submission date and Agency Status
40	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit a report of test results to the District. UNIT 2	McCord	< 45d after test	Submitted to MDAQMD and CEC on 2/18/14	in route to CEC and MDAQMD	C-submission date and Agency Status
24A	CEC			x	AQ-6	Initial MDAQMD Compliance Test - NG boilers	Submit test results within 180 days of initial start up. UNIT 2	McCord/Gavaldon	< 180d after initial start up	Submitted to MDAQMD and CEC on 2/18/14	in route to CEC and MDAQMD	C-submission date and Agency Status
25B	CEC			x	AQ-6	Initial MDAQMD Compliance Test - NG boilers	Submit test results within 180 days of initial start up. UNIT 1	McCord/Gavaldon	< 180d after initial start up	Submitted to MDAQMD and CEC on 2/18/14	in route to CEC and MDAQMD	C-submission date and Agency Status
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	Submitted to the CEC on 01/22/14	Received comments. Resubmittal in progress	
474	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Submit compliance documentation.	Gavaldon	> 30d pt energization	1/21/14	Awaiting approval by the CEC Submitted on 01/21/14	
475	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Ensure all permanent metallic objects within the Tline ROW are grounded.	Watson	Ongoing	1/21/2014	Awaiting approval by the CEC Submitted on 01/21/14	
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	Submitted to the CEC on 1/21/14	Received Staff comments and addressing concerns	
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	Submitted to the CEC on 1/21/14	Received Staff comments and addressing concerns	
535C	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		CEC approval for Temp CO Unit 2 and Common Area 11/26/13	
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	1/28/2014	Resub CBO Approval letter to the CEC on 2/07/14	C-Agency Status
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.	McCord	> 30d pt const of HVAC or refrig system	1/28/2014	Resub CBO Approval letter to the CEC on 2/07/14	C-Agency Status
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	Submitted to the CEC on 01/22/14	resubmittal in progress	
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	Submitted to the CEC on 01/22/14	resubmittal in progress	
535A	CEC		x	x	GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO) Unit 2 and Common Area	BV	< 30d of receipt		Approved by the CEC for temp CO on 11/26/13.	
1	CEC	x			AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	Assign Air Quality Construction Mitigation Manager	ECM	> 30d pt gd	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		Approved 12/2/10	
3	CEC	x			AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	Prepare Air Quality Construction Mitigation Plan (AQCMP)	ECM	> 30d pt gd	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		CEC Approved 11/01/10	

Master Matrix

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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	.Resubmitted on 11/13/13	
15	CEC		x	x	AQ-SC7	Dust Control Plan - Operations	Submit report identifying locations of all speed limit signs, and a copy of the training manual.	Operations	< 60d after start of operation	13-Nov-13	Approved by the CEC on 12/06/13	
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		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	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	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	04/11/13 to the CEC # 2013-022	MDAQMD approval on 5/29/13 and CEC approval on 5/30/13	
42	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Provide a written test plan for District for approval and the CPM for review.	Operations	30d prior to test	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		Approved by CEC 8/21/13	
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	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	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	
91	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Submit results of pressure checks.	Operations	< 30d after test	Submitted to CEC and MDAQMD on 8/02/13	Approved by the CEC on 8/21/13	
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	Approved by CEC 8/21/13	
101	CEC	x			BIO-1	Designated Biologist - staff assignment	Assign Designated Biologist	AECOM	> 30d pt gd	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	No Documentation/ DB German responsibility	
106	CEC	x			BIO-3	Biological Monitors - Staff assignment	Assign Bio Monitors and submit training verification	AECOM	> 30d pt gd	10-Dec-10	Approved (various dates)	

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109	CEC		x		BIO-4	Biological Monitors - responsibilities	Assist with surveys and in monitoring of site mobilization activities.	Guigliano	pt construction		No documentation- All monitors approved on various dates	
113	CEC	x			BIO-6	Worker Environmental Awareness Program (WEAP)	Prepare and Submit WEAP (including trainer resume)	AECOM	> 30d pt gd	3-Dec-10	Approved 1/12/11	
117	CEC	x			BIO-6	Worker Environmental Awareness Program (WEAP)	Submit Final WEAP.	Tetra Tech	> 10d pt gd	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	23-Nov-10	comments received 12/21/10	
121	CEC	x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Conduct Aerial Surveys and submit pre-const. photos for review	Holt	Prior to construction	10-Jan-11	Completed	
126	CEC	x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit final BRMIMP.	Tetra Tech	> 7d pt gd	1/5/2011 1/11/11	Approved 1/12/11	
128	CEC	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	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	completed	Completed-No documentation	
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	completed	Completed-No documentation	
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	completed	Completed-No documentation	
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	completed	CEC approval 4/15/11	
137	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. Ph I	Tetra Tech	< 30d after survey complete	2/25/2011 3/28/11	CEC approval 4/15/11	
137	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. P II	Tetra Tech	< 30d after survey complete		CEC approval 4/15/11	
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		Permanent Fence Complete	
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	completed	CEC approval 4/15/11	
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	completed	CEC approval 4/15/11	
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		Permanent Fence Complete	
143	CEC	x			BIO-10	Desert Tortoise Translocation Plan	Submit final version of Desert Tortoise Translocation Plan.	Tetra Tech	< 30d pt site mobilization	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	3-Jan-11	Approved-No documentation	
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	3-Jan-11	Completed- No documentation	
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		CEC approval 1/14/11	
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		CEC approval 1/14/11	
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	N/A Funding in lieu of mitigation	No documentation	
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	N/A Funding in lieu of mitigation	No documentation	
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		CEC approved 1/4/11	
157	CEC	x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement.	Tetra Tech	> 30d pt gd	3-Jan-10	Completed-No approval documentation	
157	CEC	x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement. Phase II	Tetra Tech	> 30d pt gd		Completed-No approval documentation	
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	

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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		Complete	Completed-No documentation	
161	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).	Fluor		Complete	Completed-No documentation	
162	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Management Plan for Compensation Lands.	Fluor	< 180d after acquisition	Complete	Completed-No approval documentation	
164	CEC	x			BIO-13	Raven Management Plan	Submit final Raven Management Plan.	Tetra Tech	> 30d pt construction	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	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	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.	DB	until fledged	24-Feb-11	Complete-No documentation	
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	DB	until fledged	24-Feb-11	Complete-No documentation	
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.	DB	< 7d pt construction	24-Feb-11	Complete-No documentation	
176	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit letter report of nest survey results.	DB	pt gd	24-Feb-11	Complete-No documentation	
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.	DB	until fledged	24-Feb-11	Complete-No documentation	
179	CEC	x			BIO-16	Avian Protection Plan.	Submit a final Avian Protection Plan.	Tetra Tech	> 30d pt construction-related gd	12/6/2010 1/4/11	Approved 1/12/11	
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 I	Nextera Energy	< 30d after survey complete	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	2/25/11 & 3/28/11	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	Completed	Completed-No documentation	
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	N/A	No owls detected	
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	No owls detected	
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		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	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		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		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	NA	No owls detected	
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	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	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	3-Jan-11	Approved 1/12/11	

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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		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		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	NA	N/A per CEC on 11/02/10	
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	N/A	N/A per CEC on 11/02/10	
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		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	N/A	N/A No rare plants found	
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		N/A	
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		N/A	
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		N/A	
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		N/A	
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		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		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		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	9/27/2010 2/8/11	Approved 10/15/10	
220	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).	Tetra Tech		12/3/2010 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	completed	Approved 1/14/11	
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.	DB	pt construction	NA	Approved by CEC 11/2/10	
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	Approved by CEC 11/2/10	
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	NA	Approved by CEC 11/2/10	
235	CEC	x			BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Special-status plants: CNDDDB Rank plants -If detected within the Project Disturbance Area, prepare and implement a Mitigation Plan.	Tetra Tech	n/a	NA	Approved by CEC 11/2/10	
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	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		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	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	

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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	3-Jan-11	No work in state waters	
260	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Transfer fee title or submit a conservation easement for compensation lands.	Genesis ECM			Wild lands approval 11/10/11	
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	23-Dec-10	1/4/2011	
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	23-Nov-10	Completed-No documentation	
265	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Submit verification of acquisition.	McCord	< 18m after start of construction	N/A	Funding in lieu of acquisition	
270	CEC	x			BIO-23	Decommissioning and Closure Plan	Post security for Decommissioning and Closure Plan.	NextEra	> 10d pt construction-related gd	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	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	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	25-Oct-10	Completed-No approved documentation	
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	No ponds created	
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	n/a	No ponds created	
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	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	19-May-11	Approved 6/30/11	
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	23-Dec-10	No eagles or habitat	
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	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	5-Apr-12	Completed-No approval documentation	
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	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	Completed with resume submittal	CEC approval on various dates	
301	CEC	x			CUL-3	Cultural Resources Personnel	Submit letter with names and quals of CR Monitors.	AECOM	15d pt data recovery	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	NA	1/13/2011	
302	CEC		x		CUL-4	Project Documents for Cultural Resources Personnel	If phased construction schedule changes, submit notice of change.	Gavaldon	< 5d of decision		No Phasing	
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.	AECOM	15d pt start of each phase	Completed with CIVIL-1	No phasing	
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	AECOM	15d pt start of each phase	Completed with CIVIL-1	No phasing	
304	CEC	x			CUL-4	Project Documents for Cultural Resources Personnel	Submit CR data and maps to CR staff and CPM.	AECOM	> 60d pt gd	1-Dec-10	Complete-No approval documentation	

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305	CEC	x	x		CUL-4	Project Documents for Cultural Resources Personnel	Submit any changes in footprint.	AECOM	15d pt gd	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.	AECOM	> 30d pt gd	12-Nov-10	Complete-No approval documentation	
308	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit letter agreement to fund curation fees.	AECOM	> 20d pt gd	10-Dec-10	Complete-No documentation	
309	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit the CRMMP.	AECOM	> 30d pt gd	3/1/2011 4/4/11	CEC approval 5/16/11	
313	CEC	x			CUL-7	Worker Environmental Awareness Program	CRS to submit training program.	AECOM	> 30d pt gd	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		Complete-No approval documentation	
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			N/A per a memo from the CEC on 2/19/13.	
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	8-Feb-11	Approved 3/2/2011	
326	CEC	x			CUL-8	Construction Monitoring Program	CPM to provide CRS with daily monitoring form.	AECOM	> 30d pt gd	26-Nov-10	Complete-Documented in MCR	
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.	AECOM	> 30d pt gd	10-Dec-10	Complete-No documentation	
332	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.	AECOM	> 15d pt data recovery	21-Dec-10	Complete-No documentation	
332	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.Phase II	AECOM	> 15d pt data recovery	9-Mar-11	3/28/2011	
338	CEC	x			CUL-11	Data Recovery for Large sites	Notify CPM of recovery at large sites.	AECOM	> 45d pt gd at site	21-Dec-10	Complete-No documentation	
340	CEC		x		CUL-12	Surface Collection with Sampling for site CA-RIV-9073	Notify CMP of collection at CA-Riv-9072 is complete and PRIOR to CR gd in that location.	AECOM	< 7d pt gd at site		3/28/2011	
341	CEC	x			CUL-12	Surface Collection with Sampling for site CA-RIV-9074	Notify CPM that collection at CA-Riv-9072 will commence.	AECOM	> 15d pt data recovery	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.	AECOM			Approved 8/19/11	
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		Complete no Documentation. Included in MCR's	
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		Complete-No documentation	
347	CEC				CUL-14		DELETED	AECOM			Deleted	
348	CEC				CUL-15		DELETED	AECOM			Deleted	
349	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Submit results of Native American consultation.	AECOM	> 15d pt construction		CEC Approval 1/13/11	
350	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Notify CPM of consultation.	AECOM	> 30d pt construction	12-Dec-10	CEC Approval 1/13/11	
350	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Documentation that security gate/guard is in place.	AECOM	pt grading		Complete-No documentation	
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	AECOM	pt construction	Ongoing	Phase 2 mitigation	
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	1-Mar-11	Complete-No documentation	
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	3/28/2011	
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		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		Approved by the CEC on 2/12/12	

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360	CEC		x		HAZ-3	Safety Management Plan for Hazardous Material	Submit a Safety Management Plan.	McCord	> 60d pt receipt of hazmat	3/08/13 to the CEC # 2013-013	Approved by the CEC on 5/2/13	
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		Approved by the CEC on 8/15/11	
363	CEC	x			HAZ-5	Construction Site Security Plan	Submit a Construction Security Plan Verification.	Fluor	> 30d pt construction	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	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	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		Posted on the CEC website	
370	CEC		x		NOISE-1	Resident Notification- Pre-construction	Post telephone number for noise complaints at the site during construction, visible to passersby.	Fluor	Construction		Posted on the CEC website 1/14/11	
371	CEC	x			NOISE-1	Resident Notification- Pre-construction	Submit statement and documentation of compliance to CPM.	Fluor	pt gd	14-Jan-11	Approved CEC 1/19/11	
376	CEC	x			NOISE-3	Noise Control Program	Submit a Noise Control Program and a statement of commitment.	Fluor	> 30d pt gd	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	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	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		Complete-No documentation	
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-No documentation	
398	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor wells, seeps and springs to establish preconstruction conditions.	Worley Parsons		completed	Complete 1/4/11	
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		Complete 1/4/11	
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	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		4/29/2011	
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		4/29/2011	
411	CEC		x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a Well Completion Report. Concurrently, submit a copy of well drilling logs, water quality analyses, and any inspection reports.	Fluor	< 60d after GW well constuction		4/29/2011	
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	31-Mar-11	4/29/2011	
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	31-Jan-11	Complete-No approval documentation	
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	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)	Prelim 3/9/11 Draft 3/22/11	Complete-No approval documentation	
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)	Prelim 3/9/11 Draft 3/22/11	Complete-No approval documentation	
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)	Prelim 3/9/11	Complete-No approval documentation	
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)	Prelim 3/9/11	Complete-No approval documentation	
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		Michelle from WP working with Riverside County for permits	
432	CEC		x		Soil & Water-13	Channel Maintenance Program	Submit two copies a Channel Maintenance Program.	Operations	> 60d pt start of project related activity		Resubmitted to CEC on 11/21/13	
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		Approved by the CEC	
435	CEC	x			Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit Decommissioning Plans.	Worley Parsons	> 60d pt site mobilization	22-Oct-10	Approved 10/29/10	

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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.	12/3/2010 resub. 2/1/11	Approved 5/3/11	
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.	8-Dec-10	Approved 12/23/10	
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			CBO	
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	19-Mar-11	Approval 1/29/11	
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	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	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		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.	3-Dec-10	Approved 1/21/10	
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	16-Dec-10	Complete-CEC approval 8/12/11	
453	CEC	x			TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County.	Fluor	> 60d pt gd	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		Approved 8/12/11	
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	21-Dec-10	Approved 1/10/11	
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	Completed 1/24/11	Approved 1/10/11	
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		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		CEC Approved on 8/22/11	
479	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Submit a Lighting Mitigation Plan.	McCord	> 60d pt ordering permanent lighting		Completed no documentation	
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		Completed no documentation	
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		Completed no documentation	
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		Approved by the CEC	
492	CEC		x		VIS-4	Reflective Glare Mitigation	Submit a fencing plan describing mitigation for off-site glare.	McCord	> 90d pt fence construction		Completed no documentation	
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	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	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	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	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	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	MAY 2012 MCR and Formal Sub on 2/19/13	CEC Approval on 03/23/13	
509	CEC		x		WASTE-9	Operation Waste Management Plan	Submit the Operation Waste Management Plan.	Operations	> 30d pt operation	25-Jul-13	Approved by the CEC on 8/25/13	
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	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	12/16/2010 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	

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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	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		Approved no documentation	
521	CEC	x			Worker Safety-4	CBO Payments	Submit verification of agreement with CBO for a Safety Monitor to CPM.	NextEra	> 60d pt construction	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	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	complete	CEC approval on 1/14/11	
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	complete	CEC approval on 1/14/11	
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	3-Nov-10	CEC approval on 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)		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)		Approved 11/16/12	
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		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	12/21/2010 1/12/11	CEC temp Approval 11/16/12	
531	CEC	x			Worker Safety-8	Dust Control Plan	Submit Dust Control Plan.	Fluor w/ Tt support	> 60d pt site mobilization	1-Nov-10	Approved 1/13/11	
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	Occurred on 2/2013	Approved thru submission on 06/14/13	
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	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	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	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	1-Dec-10	Approved-No documentation	
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	30-Dec-10	Complete-No documentation	
546	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the civil engineer.	Fluor	> 30d pt grading	1-Dec-10	Approved-No documentation	
547	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the mechanical engineer .	Fluor	> 30d pt construction	1-Dec-10	Approved-No documentation	
548	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the engineering geologist.	Fluor	> 30d pt grading	1-Dec-10	Approved-No documentation	
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	21-Dec-10	Complete-No approval documentation	
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	21-Dec-10	Complete-No approval documentation	
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	21-Dec-10	Complete-No approval documentation	
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	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		Approved 1/21/11 no phasing	
567	CEC	x			CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Include CBO approval in following monthly compliance report.	BV	< 30d after approval		Approved 1/21/11	

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#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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.		Approved by the CEC on 12/20/10	
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	Submitted in MCR's	CEC approved on 11/26/13	
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	Submitted in MCR's	Approved 11/26/13	
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	Submitted in MCR's	Approved 11/26/13	
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		Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	MCR	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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.	Gavaldon	> 30d pt start of each increment of construction	Submitted in MCR's	Approved 11/26/13	
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		Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	Submitted in MCR's	Approved 11/26/13	
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	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
605	CEC	x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of Paleo Resource Monitors.	Tetra Tech	> 20d pt gd		Complete-No approval documentation	
606	CEC	x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of the Paleo Resource Specialist (PRS).	Tetra Tech	> 60d pt gd	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	4-Jan-11	CEC approval 1/14/11	
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	4-Jan-11	CEC approval 1/14/11	
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	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	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	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	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		See GEN-2 Approved by CEC 12/8/10	
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	Submitted in MCR's	Approved 11/26/13	
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	Submitted in MCR's	Approved 11/26/13	
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		Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	Submitted in MCR's	Approved 11/26/13	

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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	Submitted to the CBO	Approved by the CEC on 12/04/13	
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		N/A No changes	
639	CEC			x	TSE-7	ISO Notification	Submit telephone notification to the California ISO Outage Coordination Department	Operations	> 1d pt synchronizaiton	24-Sep-13	Approved by the CEC on 12/06/13	
640	CEC			x	TSE-7	ISO Notification	Submit to the California ISO a letter stating the proposed date of synchronization.	Operations	> 7d pt synchronizaiton	24-Sep-13	Approved by the CEC on 10/16/13	
641	CEC			x	TSE-7	ISO Notification	Submit a report of conversation with the California ISO.	Operations	> 1d pt synchronizaiton	24-Sep-13	Approved by the CEC on 12/06/13	
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	5-Nov-10	Complete-No approval documentation	
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	12/7/2010 1/12/11	Complete-Filed in first MCR	
653	CEC	x			COMPLIANCE-9	Complaints, Notices and Citations	Send a letter to property owners living < 1 mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns.	NextEra	pt construction		Approved 1/19/11	
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	12-Nov-13	Approved by the CEC on 01/23/14	
24B	CEC			x	AQ-6	Initial MDAQMD Compliance Test - NG boilers	Notify agencies within fifteen working days before the initial MDAQMD compliance test. UNIT 1	McCord/Gavaldon	< 180d after initial start up		1/15/2014	
25A	CEC		x		AQ-6	Initial MDAQMD Compliance Test - NG boilers	Notify agencies within fifteen working days before the initial MDAQMD compliance test. UNIT 2	Gavaldon	< 15d prior to test		1/15/2014	
41A	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify District and CPM prior to testing. UNIT 2	Operations	10d prior to test	Notified MDAQMD and CEC of Vent test on 09/04/13 for Unit 2	Notified MDAQMD and CEC of Vent test on 09/04/13 for Unit 2	
41B	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify District and CPM prior to testing. Unit 1	McCord/Gavaldon	10d prior to test		12/20/2013	
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			
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	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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 2	McCord	upon installation	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	

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#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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	Completed submitted in MCR's	CEC approval 11/26/13 submitted in MCR's	
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	Approved by CEC on 1/30/14	
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			
16	CEC	x	x	x	AQ-SC8	Air permit submittals	Submit all modified or revised ATC/PTO documents and all federal air permits.	Gavaldon until 3/2014, then Ops 4/2014	< 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			
37	CEC			x	AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing			
39	CEC			x	AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit volume of HTF removed and added in Annual Report.	Operations	Annually			
44	CEC			x	AQ-14	HTF Ullage/Exp. Tanks - Initial MDAQMD Compliance Testing and Reporting	Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test report.	Operations	< 180d after initial start up			
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			
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 (see full text).	Operations	Ongoing			
56	CEC			x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit compliance documentation on operating emission rates with Annual Report.	Operations	Annually			
58	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	N/A	Operations	N/A			

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59	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	N/A	Operations	N/A			
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.	Operations	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			
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			
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.	Operations	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.	Operations	Ongoing			
90	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests annually. Document test data on a Form similar to EO VR-401-A Form 1	Operations	< 60d after construction completion			
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	Operations	Annually			
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.	Operations	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 - Gavaldon Annual Report 2013, then Ops Annual Report 2014	Annually			

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105	CEC			x	BIO-2	Designated Biologist - responsibilities	Submit BRMIMP compliance summary reports in Annual Compliance Report.	German - Gavaldon Annual Report 2013, then Ops Annual Report 2014	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 - Gavaldon Annual Report 2013, then Ops Annual Report 2014	Ongoing			
108	CEC			x	BIO-4	Biological Monitors - responsibilities	Employ a Bio Mon during operations if any action could affect a sensitive bio resource.	Gavaldon until 3/2014, then Ops 4/2014	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.	Operations for Unit 2 provide Gavaldon with monthly training roster for the MCR until 3/31/14. Gavaldon for Unit 1 construction until 3/2014. Then Ops will assume full responsibility 4/2014	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			
163	CEC			x	BIO-13	Raven Management Plan	Submit a status report of the Raven Management Plan implementation.	German	< 30d after start of operation			
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			
170	CEC			x	BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation.	Alice Karl-Operations	< 30d after start of operation			
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-Operations	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			
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			
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			
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			
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			
246	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).	AECOM 12 quarterly inspections. with approval from agencies then Compliance Manager (Read COC BIO-21 Sub 4)	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			
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).	Operations for Unit 2- Gavaldon for Unit 1 Construction until 3/2014. Then Ops 4/2014	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.	Gavaldon Annual Report 2013, then Ops Annual Report 2014	Annually			

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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			
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			
264	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Submit a report of monitoring and management of compensation lands.	NA	Jan-31 Annually		N/A funding in lieu of mitigation lands	
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.	Gavaldon Annual Report 2013, then Ops Annual Report 2014	Annually			
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.	Gavaldon Annual Report 2013, then Ops Annual Report 2014	Annually			
271	CEC			x	BIO-23	Decommissioning and Closure Plan	Revise and submit Decommissioning and Closure Plan every 5yrs during operations.	Operations	every 5yrs			
274	CEC		x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Submit status report of Reveg Plan yearly.	Alice Karl	Jan-31 Annually			
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			
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.	Gavaldon Annual Report 2013, then Ops Annual Report 2014	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.	Gavaldon Annual Report 2013, then Ops Annual Report 2014	Annually			
361	CEC		x	x	HAZ-3	Safety Management Plan for Hazardous Material	Implement Safety Management Plan.	Operations	Ongoing			
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 until 3/2014, then Ops 4/2014	Ongoing			
373	CEC		x	x	NOISE-2	Noise Complaint Process	Contact individual making complaint.	Gavaldon until 3/2014, then Ops 4/2014	< 24hr of receipt			
374	CEC		x	x	NOISE-2	Noise Complaint Process	Submit the Noise Complaint Resolution Form.	Gavaldon until 3/2014, then Ops 4/2014	< 5d of receipt			
375	CEC		x	x	NOISE-3	Noise Control Program	Make the Program available to OSHA upon request.	Gavaldon until 3/2014, then Ops 4/2014	Ongoing			
378	CEC			x	NOISE-4	Occupational Noise Survey	Make the report available to OSHA and Cal/OSHA upon request.	Gavaldon until 3/2014, then Ops 4/2014	Ongoing			
379	CEC			x	NOISE-4	Occupational Noise Survey	Submit report of survey findings.	Gavaldon until 3/2014, then Ops 4/2014	< 30d after test			
382	CEC			x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit results of monitoring and maintenance activities in Annual Compliance Report.	Operations	Annually			
383	CEC		x	x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Update and maintain the DESCP for the life of the Project.	Gavaldon until 3/2014, then Ops 4/2014	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			
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			

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393	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If required, compensate landowners by March 31.	NextEra	Mar-31 Annually			
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.	Gavaldon until 3/2014, then Ops 4/2014	Ongoing			
396	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water level measurements semi-annually after the first year.	Gavaldon until 3/2014, then Ops 4/2014	semi-annually after first yr of monitoring			
397	CEC	x	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit monitoring reports, complaints, studies and data.	Gavaldon until 3/2014, then Ops 4/2014	< 10d of receipt			
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			
413	CEC		x		Soil & Water-5	Construction and Operation Water Use	Submit a semi-annual report of construction water use.	Operations for Unit 2 provide Gavaldon with daily meter number for the MCR until 3/31/14. Gavaldon for Unit 1 until 3/2014. Then Ops will assume full responsibility 4/2014	semi-annually		Daily number of DCS for MCR	
414	CEC		x	x	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (g/month and total).	Gavaldon until 3/2014, then Ops 4/2014	Annually			
416	CEC			x	Soil & Water-5	Construction and Operation Water Use	GW use during operations must not exceed 202 afy	Operations	Ongoing			
419	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit annual waste discharge permit fee associated with this facility to the Water Boards	Worley Parsons				
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			
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			
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.	Gavaldon Annual Report 2013, then Ops Annual Report 2014	Annually			
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			
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			
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			
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			
508	CEC			x	WASTE-9	Operation Waste Management Plan	Submit actual volume of waste generated and management methods used in each Annual Compliance Report.	Operations	Annually			
511	CEC			x	WASTE-9	Operation Waste Management Plan	Update Operations Waste Management Plan as necessary.	Operations	Ongoing			
512	CEC			x	WASTE-10	HTF Contaminated Soil Hazard assessment	Document all HTF releases. If > 42 gallons, notify agencies and provide analysis of results in accordance with WASTE-10.	Operations	< 28d of release date			
512	CEC		x	x	WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Submit release/spill documentation. If the release was reported, include agency communication.	Operations for Unit 2- Gavaldon for Unit 1 until 3/2014. Then Ops 4/2014	< 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 for Unit 2- Gavaldon for Unit 1 until 3/2014. Then Ops 4/2014	Ongoing			
530	CEC			x	Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Provide letter of credit in the amount of \$375,000 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	Annually			
534	CEC			x	Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Host the annual training on a rotating yearly basis with the other solar power plants.	Operations	Rotate annually			
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 until 3/2014, then Ops 4/2014	< 30d of submittal		3/1/2014	
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				
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			

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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.	Operations	< 10d upon discovery			
643	CEC		x	x	TSE-8	Code Compliance	Inspect transmission line to ensure conformance with applicable codes and standards.	Operations	Ongoing			
649	CEC	x	x	x	COMPLIANCE-5	Compliance Matrix	Submit a compliance matrix with each monthly and annual compliance report	Gavaldon until 3/2014, then Ops 4/2014	MCR	7-Dec-10		
651	CEC			x	COMPLIANCE-7	Annual Compliance Reports	Submit Annual Compliance Reports instead of Monthly Compliance Reports.	Operations	Annually			
654	CEC			x	COMPLIANCE-10	Planned Facility Closures	Submit a closure plan to the CPM.	Operations	> 12m pt closure			
421A	CEC			x	Soil & Water-7	Septic System and Leach Field Reqs	Comply with County and State reqs for sanitary waste disposal facilities.	Operations	Ongoing			
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	Operations	Weekly			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
9	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	<i>Implement Diesel-Fueled Engine Control</i>	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
9	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	Submit compliance documentation in Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
102	CEC		x		BIO-2	Designated Biologist - responsibilities	Include documentation of biological resource compliance in the Monthly Compliance Reports.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
110	CEC		x		BIO-4	Biological Monitors - responsibilities	Include BIO-4 compliance documentation in Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
115	CEC		x		BIO-6	Worker Environmental Awareness Program (WEAP)	Submit training records in the Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
124	CEC	x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Include BIO-7 compliance documentation in Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
130	CEC		x		BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
192	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit burrowing owl compliance documentation in monthly compliance report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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/Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
323	CEC		x		CUL-8	Construction Monitoring Program	Include report of any NCRs in monthly compliance report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
381	CEC	x	x		Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit compliance documentation in the Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			

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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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
571	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Include a list of NCRs in the following Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
616	CEC		x		PAL-4	Paleontological WEAP	Submit Paleo training documentation in Monthly Compliance Report.	Gavaldon until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
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 until 3/2014, then Ops 4/2014	MCR (final MCR 1 month after Construction Completion)			
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	Implement Dust Control BMPs	Gavaldon	Construction Completion 2/14/13			
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	Stabilize all disturbed areas after construction activities.	Gavaldon	Construction Completion 2/14/13			
8	CEC		x		AQ-SC4	Dust Plume Response Requirement	Monitor all construction activities for visible dust plumes. If plumes observed, implement mitigation as specified.	Gavaldon	Construction Completion 2/14/13			
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)	Gavaldon	Construction Completion 2/14/13			
107	CEC		x		BIO-3	Biological Monitors - Staff assignment	Submit information on additional bio monitors, if needed	Gavaldon	> 10d pt monitoring activity			
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			
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			
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			
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			
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				
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			
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			
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			

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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			
168	CEC		x	x	BIO-13	Raven Management Plan	Implement the approved Raven Management Plan.	AECOM	Ongoing			
180	CEC		x	x	BIO-16	Avian Protection Plan.	Implement an Avian Protection Plan	Tetra Tech / Operations	Ongoing	Submitted Jan 2011.		
181	CEC		x	x	BIO-16	Avian Protection Plan.	Report project-related bird deaths or injuries to agencies.	AECOM	Ongoing			
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	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.			
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			
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			
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			
272	CEC			x	BIO-23	Decommissioning and Closure Plan	Implement a final Decommissioning and Closure Plan.	Operations	Project closure			
275	CEC		x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Implement Revegetation Plan.	Alice Karl	Ongoing			
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		Until Ground Disturbing Completion 2/14/14	
296	CEC	x	x		CUL-3	Cultural Resources Personnel	CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities.	Tennyson	Ongoing		Until Ground Disturbing Completion 2/14/14	
298	CEC	x	x		CUL-3	Cultural Resources Personnel	Submit letter with names and quals of <i>additional</i> CR Monitors.	Tennyson	5d pt arrival on site	30-Mar-11	Until Ground Disturbing Completion 2/14/14	
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		Until Ground Disturbing Completion 2/14/14	
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		Until Ground Disturbing Completion 2/14/14	

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311	CEC		x		CUL-6	Cultural Resources Report	Submit documentation of CRR distribution to parties.	AECOM	< 10d of CRR approval		Until Ground Disturbing Completion 2/14/14	
316	CEC		x		CUL-7	Worker Environmental Awareness Program	Conduct WEAP training for all new workers prior to and during gd (including landscaping)	Mann	Ends with construction inside and outside fence 2/14/14		Until Ground Disturbing Completion 2/14/14	
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	Ongoing	Until Ground Disturbing Completion 2/14/14	
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		To be included until the final MCR at Construction Completion	
322	CEC		x		CUL-8	Construction Monitoring Program	CR Staff to monitor and maintain daily log on provided forms for all gd activity until the Qoaf alluvium is reached. (including roads)	AECOM	daily		Until Ground Disturbing Completion 2/14/14	
323	CEC		x		CUL-8	Construction Monitoring Program	Notify CPM of NCRs w/in 24 hrs, recommend corrective action.	AECOM	< 24hr of discovery		Until Ground Disturbing Completion 2/14/14	
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		Until Ground Disturbing Completion 2/14/14	
328	CEC	x	x		CUL-8	Construction Monitoring Program	Submit "discovery" responses from tribes.	AECOM	< 15d of receipt		Until Ground Disturbing Completion 2/14/14	
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	Until Ground Disturbing Completion 2/14/14	
331	CEC		x		CUL-10	WEAP - Cultural Considerations	Implement CRMMP when within 30meters of these sites.	AECOM	Ongoing		Until Ground Disturbing Completion 2/14/14	
334	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete.	AECOM	< 1w of data recovery completion	1-Feb-11	Until Ground Disturbing Completion 2/14/14	
334	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete. Phase II	AECOM	< 1w of data recovery completion			
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			
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			
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			
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			
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			
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			
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			
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			

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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			
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			
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			
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			
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			
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			
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			
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	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			
473	CEC			x	TLSN-3	Combustible Material Inspections	Maintain Tline ROW free of combustible material.	Operations	Ongoing			
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			
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			
487	CEC				VIS-3	Tline setback from I-10	DELETED					
489	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit copy of complaint glare resolution form.	Gavaldon	< 30d of receipt			
490	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit any glare complaints, including resolution and schedule.	Gavaldon	< 48hr of complaint receipt			
491	CEC		x	x	VIS-4	Reflective Glare Mitigation	Notify CPM resolution/implementation for glare complaints.	Gavaldon	< 48hr of resolution			
496	CEC		x		WASTE-1	Contaminated Soil Assessment and Remediation	If contaminated soil is found during construction, consult with Department of Toxic Substances Control, assess and remediate contamination in consultation with DTSC and with approval from CPM.	Gavaldon	Ongoing			
498	CEC		x		WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination results in stop-work call by PE or PG, notify CPM within 24hrs.	Gavaldon	< 24hr after stop work			
499	CEC		x		WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination is identified, the PE or PG must inspect and submit report to agencies any need for sampling/remediation.	Gavaldon	< 5d of receipt			
506	CEC		x	x	WASTE-7	Waste Management-related Enforcement Action Notification	Notify CPM of an impending waste-management enforcement action and owners response/resolution.	Gavaldon	< 10d of notification from authorities			
507	CEC				WASTE-8	Reuse/Recycling Plan	DELETED					
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			
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.	McCord	< 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.	McCord	Ongoing			
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			
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			

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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			
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	McCord	< 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	McCord	< 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.	McCord	< 5d of resolution			

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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			
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				
608	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit letter of any construction phase schedule changes.	SWCA	< 5d of identification			
609	CEC	x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If construction proceeds in phases, submit maps and drawings.	SWCA	pt start of each increment of construction			
610	CEC		x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	PRS or PRM consult weekly with the superintendent or construction field manager to confirm upcoming activity locations.	SWCA	until gd is completed			
613	CEC		x		PAL-3	Paleontological Resources Monitoring and Mitigation Plan	Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager and the CPM.	SWCA	Ongoing			
615	CEC		x		PAL-4	Paleontological WEAP	If PRS determines that paleontological materials could be impacted, conduct weekly paleo training for all personnel supervising, directing or conducting ground-disturbing activity.	SWCA	weekly during gd			
617	CEC		x		PAL-4	Paleontological WEAP	Submit resume of any alternative paleo trainer (if applicable).	SWCA	Ongoing			
621	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any significant paleo resource encountered.	SWCA	< 24hrs upon discovery			
622	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any noncompliance related to paleo resources.	SWCA	< 24hrs upon discovery			
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			
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			
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			
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.	Gavaldon to turn over hard copies to Ops on 3/31/14.				
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				
652	CEC	x	x	x	COMPLIANCE-8	Confidential Information	Submit confidential information to CEC Executive Director with a request for confidentiality.	Gavaldon	Ongoing			
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			

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

**Genesis Solar Energy Project
Sukut Master Equipment List**

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Drive Engine	CAT C7 Acert	148483	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Drive Engine	CAT C7 Acert	148484	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Air Compressor	Atlas Copco	152484	8/31/2013	JPEC-0005	NA	NA	III	SouthWest Drilling	CAT/Johnson	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Engine	DDC Diesel	130415	3/31/2014	NA	NA	NA	III	SouthWest Drilling	ARB Portable Equipment	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Sweeper	Broce Broom	VH3U58	NA	807664	2010	84	III	Sukut	RSC	(Recorded 9/20/2011)	1/15/2014	
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 Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Motor Grader	CAT 140H	UN7F66	NA	4068	NA	NA	III	Sukut	Miller Blades	(Recorded 9/20/2011)	9/23/2011	Removed from site.
Scraper	CAT 657	TH4G47/UK3 K99	NA	57-22	2010	440	III	Sukut	Sukut	9/28/2011	4/20/2012	Removed from site
Scraper	CAT 657	XX3J33/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/FJ6T 95	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	2/7/2014	
Skiploader	CAT 414E	AR9L48	NA	NA	2007	93	III	Sukut	Johnson	8/2/2013	2/7/2014	
Backhoe	CAT 420F	SU4H75			2010	92	III	Sukut	Johnson	8/5/2013	2/7/2014	
Scraper	CAT 623	XE5H67	NA	NA	1985	350	III	Sukut	Sukut	9/28/2011	2/7/2014	
Motor Grader 16G	CAT 16G	HK8W79	NA	NA	2009	298	III	Sukut	Miller Blades	9/19/2011	8/2/2013	
Dozer	CAT D9T	EV5K99	NA	90-34	2005	410	III	Sukut	Sukut	9/28/2011	3/8/2012	
Skiploader	CAT 414E	CL7M35	NA	NA	2007	78	III	Sukut	Sukut	9/27/2011	10/7/2011	Removed from site
Generator	Atlas Copco QAS-30	645888	NA	645888	NA	NA	NA	Sukut	RSC	(Recorded 9/20/2011)	10/1/2011	Removed from site
Generator	Airman -SDG605	1473A20166	NA	689	NA	NA	NA	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site

**Genesis Solar Energy Project
Sukut Master Equipment List**

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Generator	Kohler 400 Kw	138194	5/31/2013	403015	NA	99	III	Sukut	Kohler Rental	(Recorded 9/20/2011)	2/7/2014	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	2/7/2014	
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	IJ6V63	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/TP5 D95	NA	57-59	NA	440	III	Sukut	Sukut	10/25/2011	8/2/2013	
Scraper	CAT 657	VR9W59/DU7 M84	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/XF4H 83	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	2/7/2014	
Water Pull	CAT	EINUN7B76	NA	NA	NA	NA	III	Sukut	Sukut	11/4/2011	2/7/2014	
Scraper	CAT 657	LK5B78/PP9G 75	NA	57-41	NA	440	III	Sukut	Ren Trac	11/9/2011	4/12/2012	
Scraper	CAT 657	GW6L96/PG6 J43	NA	1265	NA	440	III	Sukut	Rent Trac	1/9/2012	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/VX8L 63	NA	1355	NA	440	III	Sukut	Rent Trac	1/11/2012	8/22/2013	
Generator	70 Kw	140035	NA	701672	NA	NA	III	Sukut	RSC	11/15/2011	1/13/2012	
Motor Grader	CAT 140	TY7U66	NA	NA	209	185	III	Sukut	Johnson	8/22/2013	2/7/2014	
Forklift	Hyster H360 HD	BE3X94	NA	NA	2010	55	III	Sukut	Johnson	8/22/2013	2/7/2014	
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	2/7/2014	

Genesis Solar Energy Project
Sukut Master Equipment List

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Scraper	CAT 623	SF9V87	NA	1	2007	330	III	Sukut	Miller Blades	1/16/2012	2/7/2014	

Genesis Solar Energy Project
PMI Over 50hp Diesel Equipment List

2/10/2014

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
JLG Model 600 Lift	JLG/600A	MT8P58		10049251	2012	49	IIII	PMI	United	6/25/12	9/17/13	Off Rent
Generator 70-84kva	MQ / DC70SSIU2C	151845		1160351	2010	125	III	PMI	United	7/27/12	10/22/13	Off Rent
Generator 45-49-kva	MQ / DC45	152309		1165478	2010	69	IIII	PMI	United	7/3/12	10/30/13	Off Rent
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	11/15/13	Off Rent
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	10/31/13	Off Rent
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	11/20/13	Off Rent
60' Articulating Boom	Genie/Z60	XY3W75	None	Z60089175	2008	49	4	PMI	KING EQUIP	9/7/12	8/21/13	Off Rent
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	1/10/14	Off Rent
65kva Generator	MMD PowerPro65	158401	5/31/2015	1478810280	2011	97.9	III	PMI	Red-D-Arc	10/11/12	10/19/13	Off Rent
65kva Generator	MMD PowerPro65	158402	5/31/2015	1478810284	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	11/3/13	Off Rent
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	11/12/13	Off Rent
10000# Fork Lift	JLG	JB7W49	none	160049525	2012	130	IIII	PMI	United	12/10/12	11/14/13	Off Rent
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	10/17/02	Off Rent
10000# Forklift	Gehl/DL11-55	XB7G76	NONE	DL1155HJD0941566	2012	115	4	PMI	KING EQUIP	1/28/13	11/19/13	Off Rent
10000# Forklift	JCB	BJCBL04	NONE	SF320/40436U1060812	2012	85	4	PMI	United	2/4/13	11/4/13	Off Rent
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	WD7S57	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	11/4/13	Off Rent
Truck Crane	American 8460	PT6R97	N/A	8109A02840	2008	365	III	Dielco Crane	N/A	3/26/13	9/28/13	Off Rent
Truck Crane					2012	425	IIII	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	11/15/13	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 JANUARY 2014**



Prepared for:

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January 2014

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ATTACHMENTS

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- 3 Daily Biological Monitoring Logs
- 4 Survey Data Forms
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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 tortoise exclusion fence removal and placement of rip rap were other activities during the month of January. 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 January 2014. The following biological surveys and monitoring took place in January 2014:

- Weekly reconnaissance for ravens, focusing on potential subsidies; and, daily recording of raven sightings.

- Biological monitoring of the Plant Site, Access Road, Emergency Crossing Improvements, Isolation Panel and spoils redistribution.
- 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 January 2014, Project activities were in compliance with the COCs that apply to the construction activities.

SUMMARY OF ACTIVITIES

Weekly activities for the month consisted of:

- General Construction Monitoring
 - Monitored Plant Site – General site activities including Powerblock One and Two activation, general site grading, and laydown yard activities. All Plant Site construction activities occurred within the desert tortoise (DT) exclusion fencing. There was fox sign observed onsite, including prints, digs, and visual observations. The fox which had been habituating an unknown location on site appears to have exited. 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 January. Unit 1 mirror fields were monitored on an incidental basis as part of general site monitoring. Unit 2 mirror fields were surveyed for avian mortalities. 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 was completed 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 January 2014. 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 17:00) paved access road speed limit is 45 MPH. The nighttime (17:01 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. On all dirt roads there is a maximum speed limit of 25 MPH. Cal Trans continued dirt

moving activities to allow completion of a drainage across the Access Road within the Cal Trans Right-of-Way. This activity is not being monitored by Project Biologists. Additional access road work included the completion of the placement of rip-rap along the eastern plant site access road. These activities were monitored by Project Biologists. No sensitive species were found during access road monitoring activities during the month of January.

- 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. Following notification to agencies by the Genesis compliance team, water is at times 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 reportable HTF leaks or contaminated soil were reported to the DB by management.
- During spoils redistribution, December 2013, outside of the fenced plant site, west of Unit 2 Block 3, HTF odor was noted in the soils. Management coordinated with the BLM representative regarding soil handling and testing. The compliance and construction management teams confirmed that testing results indicated that the soil was not contaminated with hazardous material.
- 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. HTF odors were noted coming from the ponds and reported to compliance. Follow-up is being handled by the Compliance team as part of their routine

pond monitoring. No bird mortalities were discovered in January associated with the evaporation ponds; however, the carcasses from two prior bird mortalities (discussed in the October Monthly Compliance Report associated with evaporation pond netting) remain in place.

- **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 grates is intact and being used to exclude desert tortoise access to the site.
- A variance was received for the removal of the temporary tortoise exclusion fence and the fence removal was completed in the month of January. Prior to (within 24 hours) work outside the exclusion fencing, biologists conducted clearance surveys in accordance with project requirements. At the commencement of each day the ground beneath equipment parked outside the permanent fence was inspected for wildlife and the areas of fence removal activity were surveyed for sensitive species. Crews were reminded to remain within flagged designated work areas and to inspect ground beneath vehicles prior to moving during morning tailboards and meetings. The fence removal activities were monitored. One Western Burrowing Owl was observed during clearance surveys approximately 140 meters north of limited construction activities. The owl was seen next to a small burrow with insect castings. An informational Construction Wildlife Detection Form was completed and provided to agencies. No other sensitive species were observed during temporary tortoise exclusion fence.

- **Raven Monitoring**

- Monitors recorded incidental raven observations and activities during general construction monitoring.
- 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. Operations personnel received point count survey training and will be performing raven surveys from January forward.

- Monitoring of ESAs
 - All construction activities, with the exception of temporary tortoise exclusion fence removal and placement of rip rap along the eastern plant site access road occurred within the Plant Site.
 - All biological ESAs are outside of the tortoise exclusionary fencing. ESAs along access road are marked and appear to have been avoided.
- 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. CDFW was notified of the end of DKF monitoring efforts by AECOM biologists beginning mid-March 2014.

SURVEY METHODS AND RESULTS

Pre-construction surveys have been completed and the GSEP site is in a limited 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. Temporary tortoise exclusion fence removal occurred outside the fence and required clearance surveys during the month of January. All Genesis contractor work outside the fence was monitored and areas cleared for sensitive biological resources prior to construction. 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, if applicable. 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 January 2014 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 87 incidental raven sightings during 22 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. One raven was observed during surveys conducted on January 16, and one raven was observed during surveys conducted on January 30. Eleven ravens were observed during the previous monthly raven count surveys.

One raven nest was detected outside of the plant site within the transmission line survey boundaries 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. It is approximately 10 miles east of the Plant Site. 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. The data is recorded in a database using the USFWS format and is provided separately to the USFWS. A summary of bird injuries and mortalities detected during this reporting period is provided below. More details are provided in the Avian Database Output and Photos in Attachment 4.

Date	Species	Location
1/9/14	Pigeon and dove	Access Road
1/13/14	Rock wren	Piping laydown yard
1/29/14	American kestrel	Solar trough field

WEED AND ESA MONITORING

Necessary approvals are in place for treatment of invasive species with mechanical, manual, or chemical treatment methods. Any treatment conducted onsite will be conducted in accordance

¹There were approximately 79 incidental raven sightings in December 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.

with the Weed Management Plan. Any herbicide application will be conducted in accordance with the approved Pesticide Use Proposal (PUP). 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 January received WEAP training. WEAP training records are maintained onsite by the site Environmental Compliance Manager.

GENERAL DAILY NOTES AND OBSERVATIONS

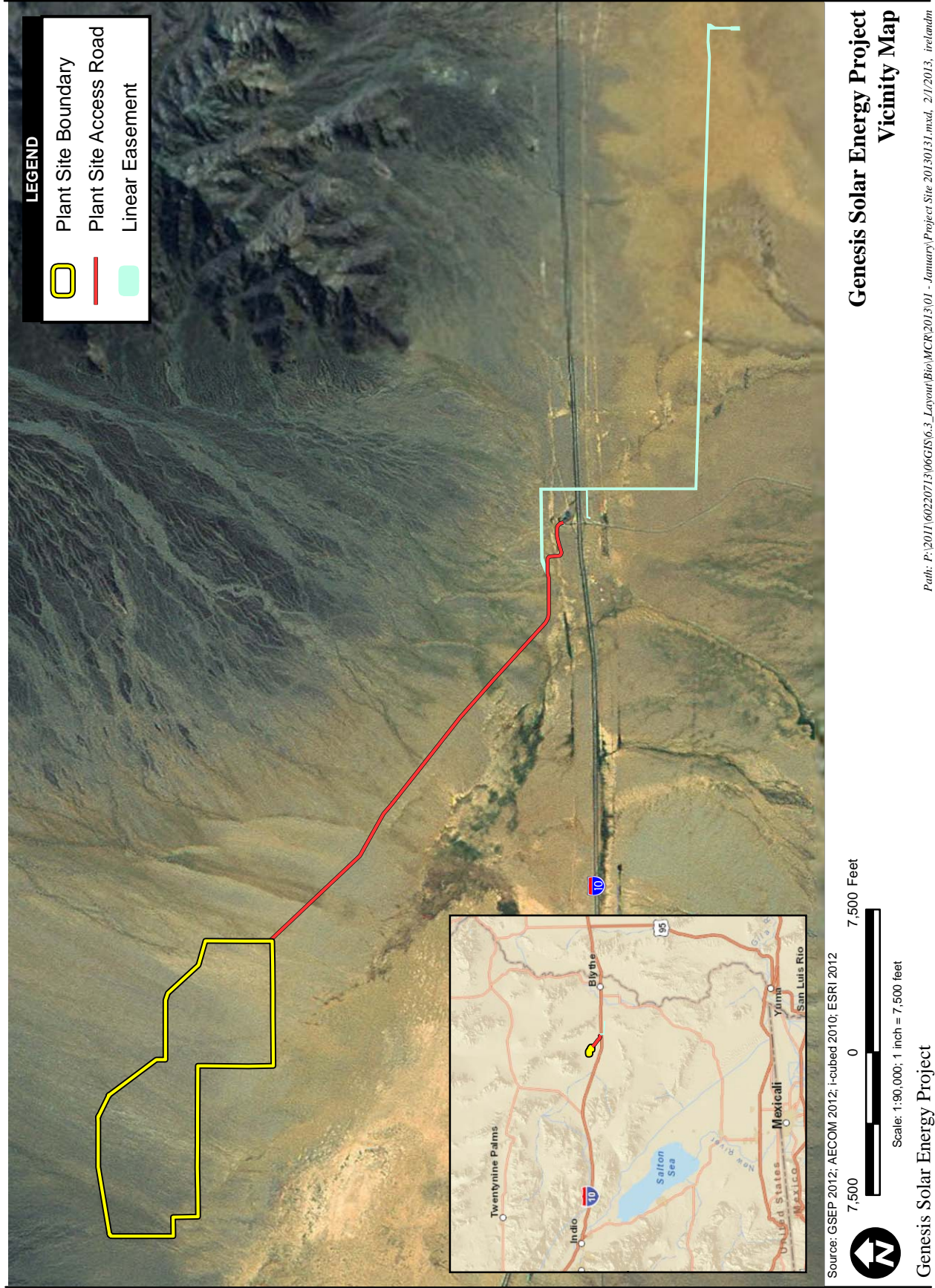
Daily notes detailing compliance monitoring activities are provided in the forms attached (Attachments 3 and 4).

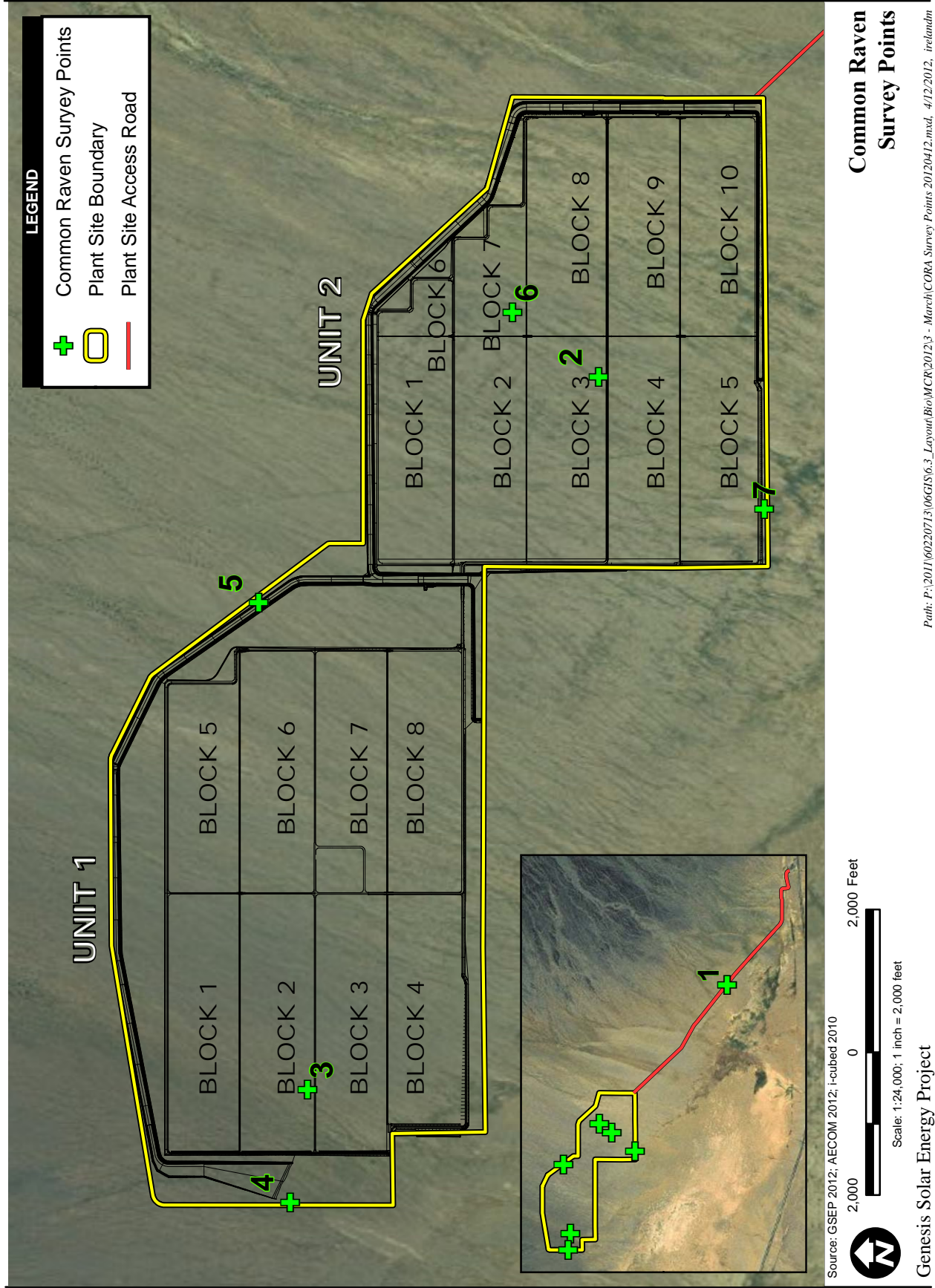
REFERENCES

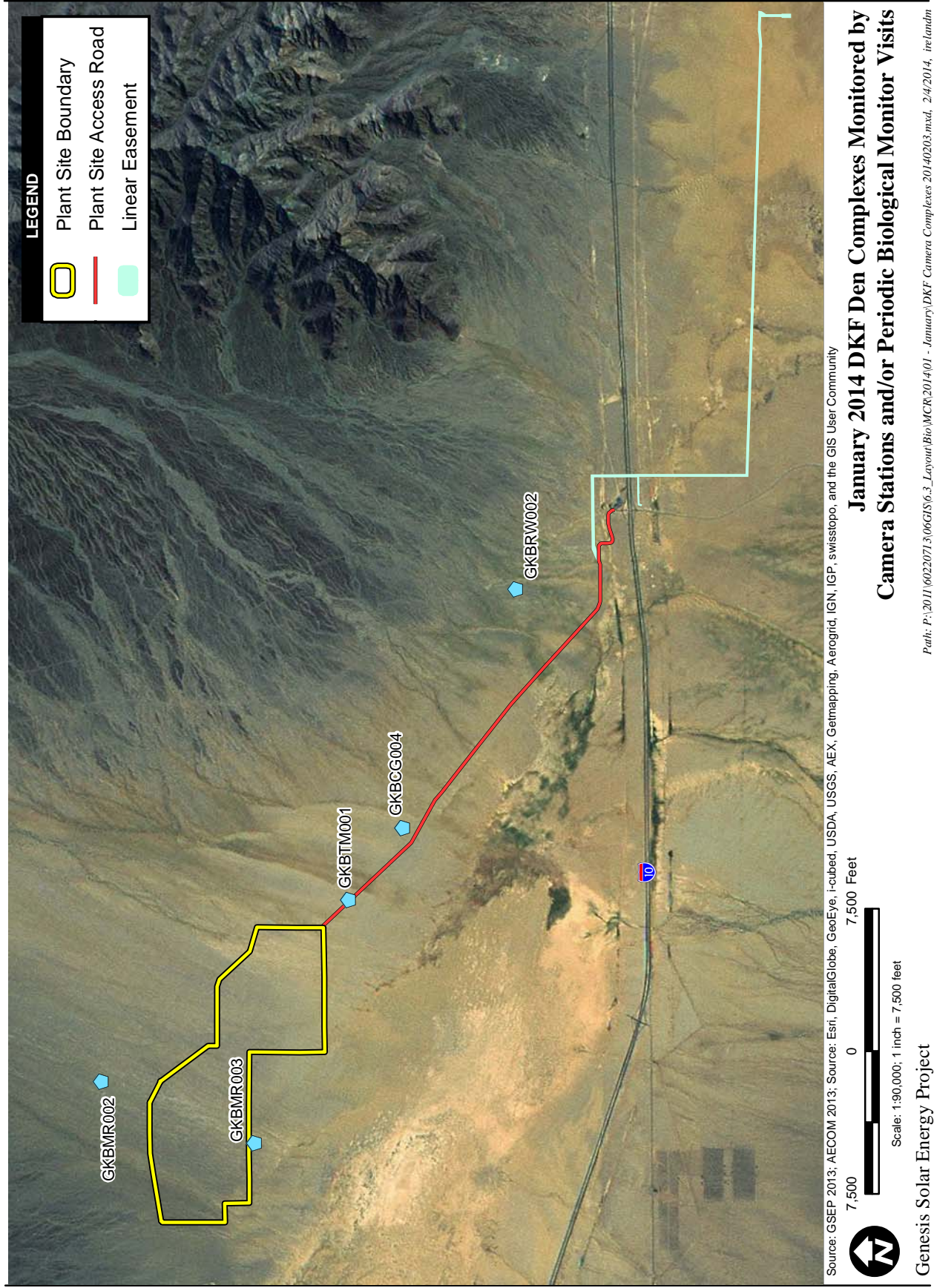
Not applicable during this reporting period.

ATTACHMENT 1

FIGURES







ATTACHMENT 2

**SPECIES OBSERVED DURING JANUARY
SURVEYS AND MONITORING**

SPECIES OBSERVED DURING JANUARY SURVEYS AND MONITORING

Animals:

Black-tailed Jackrabbit
Desert kit fox
Kangaroo rat

Birds:

American kestrel
Common Raven
Grebe (species)
Horned Lark
House Finch
Loggerhead shrike
Northern flicker
Northern harrier
Prairie falcon
Red-tailed hawk
Ring-billed Gull
Rock dove
Rock wren
Sage sparrow
Say's phoebe
Turkey vulture
Western burrowing owl

Reptiles:

Desert iguana
Horned lizard
Side-blotched lizard
Whiptail lizard

ATTACHMENT 3

DAILY BIOLOGICAL MONITORING LOGS

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/2/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 39

Start Time: 5:30:00 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: 0530 and throughout day monitor access road. No mortalities found. Noted new tire skid marks. 0600 attend construction crew jha. 0610 inspect north unit 1 for biological impacts. None noted. Checked camera card at NW vehicle gate. Noted last dcf on camera activity 12/25. Dig attempts. 0710 inspect evaporation ponds. Some htf odor present. Gaps at bottom of netting. Previously reported. No new bird mortalities noted. Water storage and reverse osmosis processing equipment noted to have been placed at ponds. 0740 obtain unit 2 access badge. Inspect perimeter. Noted litter at south reported to compliance. 1230 investigated htf spill SW corner block 1. 1300 inspect unit 2 north. No findings. 1320 removed juvenile rat mortality and relocated injured krat juvenile. 1400 meeting. 1500 returned unit 2 pass.

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			Inside plant site.
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	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			6, flying and foraging.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Lighting at west end appeared to be pointed toward desert, 1/1/14, 1900. Could not locate light source in morning. Will discuss with compliance. LOSH, CORA, RTHA, house finch, American kestrel.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/3/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 73 Low Temp (°F): 37

Start Time: 7:00:00 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: 0700 inspect access road throughout day. 0945 inspect evaporation ponds. 1000 and throughout day inspect unit 1 (mirrors operational) for fox and bio items. Fox tracks noted in NW corner. No avian mortalities located. 1100 discuss sand bags and closure of gaps with nextera ro foreman at evap ponds. 1200 picked up litter along access road. 1300 drive unit 1. No new 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		Picked up litter 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	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 on fences and flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: AMKE

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/6/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 64 Low Temp (°F): 43

Start Time: 8:15:00 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: 0815 and throughout day inspect access road. 0845 met with bio discussed safety. 0900 cleared temp fence to be removed between units 1 and 2. 1000 office. 1130 inspect unit 1 and access road. No findings. 1300 office. 1430 monitor temp fence removal between unit 1 and unit 2. No sensitive species observed. Removed old discarded ice bags from channel proximate to fence removal activities. No sensitive biological resources appear impacted.

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		Removed old ice bags and other plastic bags from channel between unit 1 and 2.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			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 perching in fence and ground. In back of pick up.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/6/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 39

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: 0600-0615 attended construction crew tailboard meeting
 0630-0845 conducted monthly evaporation pond monitoring
 1100-1200 conducted monthly evaporation pond monitoring
 1300-1445 monitored DT fence removal in drainage channel
 1445-1645 conducted monthly evaporation pond monitoring

Monitor Checklist

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

Additional Notes: Species observed;
 Raven
 Red tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/7/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 50%, Pcp: None
 High Temp (°F): 61 Low Temp (°F): 41

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. 0815 inspect channel d. Noted mustard beginning to grow in channel. Picked up litter. No avian findings. 1000 office. 1200 inspect evap ponds. No new findings. 1400 meeting. 1500 close ingress points of drainage work between units 1 and 2. Area of drainage pipe install between units from OTF to OTF south.

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	Construction 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			6
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Prairie Falcon.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/7/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 15%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 38

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: 0600-0615 attended construction crew tailboard meeting
 0630-0700 monitored installation of drainage pipe in unit 2
 0700-0830 walked unit 2 for DT fence inspection
 1000-1300 conducted kit fox searches
 1300-1600 monitored pipe installation

Monitor Checklist

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

Additional Notes: Species observed;
 Horned lark
 Sage sparrow
 Raven
 Red tailed hawk
 Prairie falcon
 Kestrel
 Burrowing owl

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/8/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 15%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 41

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 and throughout day inspect access road. No mortality findings. 0930 inspect septic tank spill. Spill occurred west of trailers in common area. Cones placed around contamination. ECM planning on spray down with bleach. 1000 meeting. 1030 office. 1130 inspect evap ponds. No new findings. 1300 due diligence along temp fence removal route. 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		Observed an ingressing vehicle that appeared to be speeding at 1615. 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			OTF West of unit 2
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: hola, ROWR, side blotched lizard.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/8/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 37

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0615-1200 monitored installation of drainage pipe in unit 2
 1200-1245 conducted kit fox searches
 1245-1635 monitored pipe installation unit 2
 1645-1720 walked transect surveys for temporary DT fence 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			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
 Sage sparrow
 Horned lark
 Rock wren

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/9/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 41

Start Time: 7:00:00 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: 0700 and throughout day inspect access road. 0730 inspect area of drainage work between unit 1 and 2. Activities monitored. 0800 walk unit 1 outside perimeter permanent fence. Fence intact. 1015 report of 3 HTF leaks at headers between blocks 3 and 4, unit 1. 1100 inspect transmission linear crs to structure 45. Staking needs removal. 1430 salvage avian mortality, rock pigeon. Phone message 1450 to usfws le. 1530 office.

Monitor Checklist

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

Additional Notes: Northern Harrier

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/9/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 44

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0615- 0915 monitored soil movement outside west side of unit 2
 0915-1120 walked transects for DT fence removal.
 1130-1330 drove unit 1 perimeter fence, found KF scratching at service gate on east side unit 1
 1400-1630 conducted kit fox searches

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 perched on power pole in common area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Kangaroo rat
 Prairie falcon
 Kestrel
 Sage sparrow
 Horned lark
 Pigeon
 Rock wren
 Northern harrier

Date & Time: Thu Jan 9 13:57:46 PST 2014
Position: 11 N 685764 3726909
Altitude: 391ft
Azimuth/Bearing: 011° N11E 0196mils (True)
Elevation Angle: -86.0°
Horizon Angle: +81.8°
Zoom: 1X
bird mortality



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/10/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 37

Start Time: 7:00:00 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: 0700 and throughout day monitored access road. No mortality findings. 0730 survey north side of plant site for sensitive biological species. Burrows recorded on clearance forms. No animals seen. Sign noted included dkf tracks, burrows, and scat. No BUOW or DETO observed. 1300 office.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			Construction activities inside permanent fence.
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	Construction activities within plant site.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			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 flying and vocalizing.
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 1/10/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 39

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: 0600-0615 attended construction crew tailboard meeting
 0615-0730 monitored fence line in unit 1
 0730-1200 conducted pre-construction surveys outside of DT fence north of unit 1 and 2 for removal of temporary DT fence
 1200-1430 filled out field forms and monitoring 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			One raven flying south over northern portion of unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Sage sparrow
 Northern harrier
 Horned lark
 Raven
 Rock wren

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/13/2014

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

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

Sites Monitored

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

Activity Log: 0545 and throughout day inspect access road. 0615 inspect area of temp fence removal north of unit 2 prior to activities. No sensitive species found. 0715 inspect unit 2 perimeter fence, walk outside perimeter. Fence intact, unit 2. 0900 inspect north unit 1 for dkf. New dkf prints south v ditch east of unit 1 block 3. Brushed area of prints. 1045 evap pond inspection. No avian findings. Noted area of pond water transfer. Netting is raised currently closed with wood and sand bags. 1115 obtain unit pass and check inside perimeter. Located 2 bird mortalities in former laydown. Unit 2 block 10 east near fence. About 30 m north of structure 21. Complete unit 2 interior fence survey. Fence intact. 1300 office. 1530 broom area of fox activity inside fence 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		South side of unit 2 below block 10.
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			Temp fence removal north of unit 2.
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			Inspected unit 2 permanent fence. 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			3 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: RTHA, ROWR, AMKE

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/13/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 47

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0620-1620 monitored temporary DT fence 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			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 flying over northern border of unit 2 near NE corner
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Rock wren
 Red tailed hawk
 Horned lark
 Sage sparrow

Date & Time: Mon Jan 13 11:53:17 PST 2014
Position: 11 N 687863 3725653
Altitude: 388ft
Azimuth/Bearing: 273° N87W 4853mils (True)
Elevation Angle: -78.8°
Horizon Angle: +38.5°
Zoom: 1X
bird mortality rock wren



Date & Time: Mon Jan 13 11:46:48 PST 2014
Position: 11 N 687852 3725654
Altitude: 379ft
Azimuth/Bearing: 267° S87W 4747mils (True)
Elevation Angle: -76.2°
Horizon Angle: +28.0°
Zoom: 1X
bird mortality rock wren



1/13/14 13:05
0687856 3725655
EAST UNIT 2 BLUCE 10 - NEW FEWCE
FORNER LAY DOWN
STRUCTURE 21 30m South
66° - 6m/s
CLM
GEMMY



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/14/2014

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 40

Start Time: 7:45:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0745 and throughout day inspect access road. 0800 discuss fox assessment with CDFW. 0830 inspect site for onsite fox sign. Prints noted SW corner unit 1. V ditch and drain exit pipe into block 4 sedimentation pond. 1130 due diligence survey north of unit 1. 1330 inspect/ monitor temp fence removal. 1400 meeting. 1500 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		Discussed with compliance
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Temp fence removal north of unit 2.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3. Perched on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Flicker

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/14/2014

Monitor: Ron Walker
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 49

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0620-1620 monitored Temporary DT fence 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			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 flying over northern border of unit 2 near NE corner
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Rock wren
 Horned lark
 Sage sparrow
 Loggerhead shrike
 Raven

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/15/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 39

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

Sites Monitored

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

Activity Log: 0530 and throughout day monitor access road. No mortality findings. 0600 attend contractor jsa. 0630 inspect unit 1 for DKF. No sign observed. 0830 survey area south of unit 2 for temp fence removal. No sensitive species findings. 1000 meetings. 1230 survey north of unit 1. 1500 WBO check north of unit 2. One owl observed about 200 yards north of construction limits.

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		While driving at speed limit, 11 cars caught up to my vehicle during ingress.
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: 2 on ground, 3 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Report of 13 deer crossing access road near structure 30 in morning. Tracks.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/15/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 48

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0630-0920 monitored removal of temporary DT fence north side unit 2
 0930-1040 walked transects for DT fence removal south side unit 2
 1040-1400 monitored removal of DT fence, approx. 1000 feet, on the south side of unit 2

Monitor Checklist

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

Additional Notes: N/A

Date & Time: Wed Jan 15 16:00:20 PST 2014
Position: 11 N 686865 3727364
Altitude: 398ft
Azimuth/Bearing: 199° S19W 3538mils (True)
Elevation Angle: -36.5°
Horizon Angle: -41.3°
Zoom: 1X
WBO Burrow:



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/16/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 82 Low Temp (°F): 59

Start Time: 8:15:00 AM Stop Time: 5:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0815 inspect access road. No mortality findings. 0900 inspect fence removal activities. Activity monitored. 0930 survey area north of unit 2. 1230 office. 1300 orient/instruct operations on CORA monitoring and perform CORA counts.

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 along fence lines both units.
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		WBO seen 1/15. WIDF to be completed.
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 perched
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: RTHA, flicker.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/16/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 73 Low Temp (°F): 48

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0615-1530 monitored removal of DT fence outside permanent fence
 1530-1730 inspected known wildlife burrows for burrowing owl north of unit1 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 DT fence line prior to removal north unit 2
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two ravens flying over unit 2
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Red tailed hawk
 Loggerhead shrike
 Kestrel
 Sage sparrow
 Says phoebe
 Raven
 Conducted twilight surveys for BUOW at GKBRW003, GMACG005, GKBCG006, GMACG004, and GMACG05

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/17/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 50

Start Time: 7:15:00 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: 0715 inspect access road throughout day. 0800 discuss variance for temp fence removal with crews, monitors and BLM. Demarcation of disturbance area. Variance activities began following meeting. 0915 unit 1 perimeter fence inspection. 0930 clear area for fence clipping crew, hand crew removing electric fence and detaching tortoise fence from posts. No findings. 1130 office. 1230 monitor fence removal activities north 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		While traveling speed limit in access road other vehicles caught up with me.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Temp 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			Unit 1 perimeter fence inspection. Fence intact.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			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 1/17/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 49

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: 0600-0615 attended construction crew tailboard meeting
 0615-1433 monitored removal of temporary DT fence along north side of unit 2, outside of the permanent DT fence, pulling out T-posts and fencing.

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
 Say's phoebe
 Horned lizard
 Desert iguana
 Loggerhead shrike
 American kestrel

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/20/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 37

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

Sites Monitored

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

Activity Log: 0530 inspect access road. 0600 attend contractor jsa. Discuss allowed disturbance areas. 0615 inspect unit 1 perimeter for DKF. No fox findings. 0645 inspect evaporation ponds. No avian findings. 0715 survey NW above unit 1, temp fence removal. 0820 inspect temp fence line. No findings. 0900 perimeter unit 1 northern portion fence walk. Possible WBO PELLET. 685718 3727666. 0930 monitor temp fence 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			Observed vehicle
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Temp 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			Complete unit 1 perimeter fence walk
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: Black tailed jack rabbit, whiptail lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/20/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 38

Start Time: 6:00:00 AM Stop Time: 5:55:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0630-1630 monitored DT fence removal outside permanent DT fence north of unit 1 and unit 2
 1630-1755 walked half of unit 1 for DT fence inspection

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 areas prior to temp 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			One raven observed flying over unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Sage sparrow
 Raven
 Horned lark

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/21/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 50%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 39

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

Sites Monitored

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

Activity Log: 0530 inspect access road. 0600 attend jsa with contractor. 0615 and throughout day clear and monitor fence removal activities north of units 1 and 2. 0915 inspect area around and beneath bins of contaminated soils to be removed. Bin outside south of unit 1 removed. 1200 complete unit 2 permanent fence check. Fence is intact. 1400 meeting. 1500 WBO Survey prior to temp fence removal activities north unit 1. No WBO 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 at 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		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			Complete unit 2 perimeter fence check
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: Northern Harrier

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/21/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 40

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: 0600-0615 attended construction crew tailboard meeting
 0630-1633 monitored DT fence removal outside permanent DT fence north 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			Cleared areas prior to temp 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			One raven flying over north unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Sage sparrow
 Raven
 Horned lark
 Loggerhead shrike
 Kestrel

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/22/2014

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

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

Sites Monitored

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

Activity Log: 0530 inspect access road. No sensitive species findings. 0600 attend contractor jsa. 0615 monitor fence removal activities throughout day, north of unit 1. 1045 monitor and clear rock removal from OTF SW unit 1. 1630 fence removal activities completed for day.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		Spoke with offending driver.
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 perched on fence, 2 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Northern Harrier

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/22/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 48

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: 0600-0615 attended construction crew tailboard meeting
 0630-1500 monitored DT fence removal outside permanent DT fence north of unit 1
 1500-1600 retrieved wildlife kit fox camera

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 areas prior to temp DT 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			One raven flying over north unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Sage sparrow
 Raven
 Horned lark
 Loggerhead shrike
 Kestrel
 Red tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/23/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 20%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 39

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

Sites Monitored

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

Activity Log: 0530 and at end of day monitor access road. 0600 jsa with contractor. 0615 clear and monitor OTF temp fence removal activities north of unit 1. 0930 office. 1345 return to monitoring.

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		Spoke with driver that caught up to me on access road.
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 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 1/23/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 46

Start Time: 6:00:00 AM Stop Time: 4:27:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0630-1627 monitored DT fence removal outside permanent DT fence north 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			Cleared areas prior to temp 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			Two ravens flying over north unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Sage sparrow
 Raven
 Horned lark
 Loggerhead shrike
 Kestrel
 Turkey vulture

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/24/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 39

Start Time: 7:00:00 AM Stop Time: 2:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0700 inspect access road. No biological findings. 0745 inspect/monitor temp tortoise exclusion fence removal north of unit 1. No sensitive species findings. 0945 office. 1130 monitor fence removal activities.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Access road 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		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 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Reports of DKF on site, unit 2. One this morning. Two foxes yesterday.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/24/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 95%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 52

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: 0600-0615 attended construction crew tailboard meeting
 0630-1430 monitored DT fence removal outside permanent DT fence north 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			Cleared areas prior to temp 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;
 Sage sparrow
 Rock wren
 Loggerhead shrike
 Whiptail lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/27/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 39

Start Time: 5:30:00 AM Stop Time: 2:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0530 and throughout day inspect access road. 0600 attend contractor jsa. 0615 saw grebe on site on access road. Grebe flushed. 0645 inspect/clear area south of unit 2 for temp fence removal. 0900 inspect perimeter fence unit 1. 1200 inspect evap ponds. Noted HTF odor. 1230 reported htf leaks unit 2. 1300 inspect unit 1 perimeter fence from inside.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Site is clean. Small amounts of trash. Crews cleaning.
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			Unit 1 and unit 2 perimeter permanent fence inspected. 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: Grebe.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/27/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 40%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 54

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: 0600-0615 attended construction crew tailboard meeting
 0630-1430 monitored DT fence removal outside permanent DT fence north of unit 1
 1430-1610 moved to south side unit 2 for temp DT fence 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			Cleared areas prior to temp 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;
 Sage sparrow
 Rock wren
 Loggerhead shrike
 Side blotched lizard
 Red tailed hawk
 Northern harrier

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/28/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 45

Start Time: 7:45:00 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: 0745 Inspect access road throughout day. No mortality findings. 0830 check onsite DKF camera cards. No DKF photos or sign observed. 1100 avian mortality survey unit 2. Blocks 1,6,7,9. No avian findings. 1400 meeting. 1500 return unit 2 badge.

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			Temp fence removal completed.
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: Say's Phoebe

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/28/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 41

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: 0600-0615 attended construction crew tailboard meeting
 0630-0730 monitored removal of mini ex and trash bin from south of unit 2 outside DT fence
 0725-0740 inspected evap ponds
 0830-1100 conducted kit fox searches
 1100-1400 drove mirror rows for wildlife in unit 2
 1400-1500 conducted kit fox searches

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 areas prior to temp 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			Two ravens on power poles in common area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Loggerhead shrike
 Side blotched lizard
 Red tailed hawk
 Prairie falcon
 Raven
 American kestrel
 Says phoebe

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/29/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 41

Start Time: 6:30:00 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: 0630 Inspect access road throughout day. No mortality findings. 1130 avian mortality survey unit 2. Blocks 2, 10, portion of 5. One AMKE mortality located. Completed incident form, contacted USFWS LE, 1215, salvaged and placed in freezer. 1400 office. 1500 return unit 2 badge.

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			Fewer activities and clean up efforts continue.
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			Prepare map for maintenance.
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 in common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: TUVU, house finch

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/29/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 44

Start Time: 6:00:00 AM Stop Time: 3:39:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0615-0700 replaced rip rap barrier at plant entrance gate area
 0730-0830 monitored removal of gravel pile outside DT fence south of unit 1
 0900-1100 inspected DT fence unit 1, filled in minor gaps
 1100-1345 drove mirror arrays in unit 1
 1400-1538 inspected DT fence unit 2

Monitor Checklist

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

Additional Notes: Species observed;
 Says phoebe
 Loggerhead shrike
 Kestrel
 Raven
 Rock wren
 House finch

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/30/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 35%, Pcp: None
 High Temp (°F): 78 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: 0600-0615 attended construction crew tailboard meeting
 0615-0830 monitored concrete removal around trailers in common area
 0830-1030 monitored unit 1
 1030-1200 finished up inspecting mirror arrays in unit 2
 1300-1530- inspected mirror arrays 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			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			On raven perched on power pole in common area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Says phoebe
 Loggerhead shrike
 Kestrel
 Raven
 Rock wren
 House finch
 Red tailed hawk
 Horned lark

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/31/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 56

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: 0600-0615 attended construction crew tailboard meeting
 0615-0730 monitored concrete removal around tortoise guards in unit 2
 0800-0915 monitored steel plate removal outside plant site along fiber optic ROW
 0930-1400 monitored fence repair in SW corner of unit 2
 1400-1445 inspected mirror arrays block 1 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			Two ravens flying over unit 2 power block
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Loggerhead shrike
 Kestrel
 Raven
 Red tailed hawk

ATTACHMENT 4

SURVEY DATA FORMS

Evaporation Pond Monitoring Form

GENESIS SOLAR ENERGY PROJECT

MONTHLY EVAPORATION POND MONITORING (BIO-21)

Date	01-06-2014	Biomonitor	RON WALKER
Sunrise Time	6:43 AM	Sunset Time	: PM

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

DAWN SURVEY (two hours after sunrise)

Start Time	End Time
6:43 AM	8:43 AM

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

Comments for #1: Pond netting is effective in keeping birds out of ponds.

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

Comments for #2: Netting proves hazardous to diving birds such as grebes.

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

Comments for #3: 4-5 small holes on top of netting on northern pond, holes in NW corner.

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: 2 grebes on top of netting, grebes have been there for several months, have been reported to DB in previous pond monitoring reports.

MIDDAY SURVEY (i.e. 1100 to 1300)

Start Time	End Time
11:00 AM	12:00 PM

* 2 ravens flew over evap ponds at 0714, did not land.

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

Comments for #1: Pond netting effective in excluding birds

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: See comment # 4 above

DUSK SURVEY (two hours preceding sunset)

Start Time	End Time
2:45 PM	4:45 PM

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

Comments for #1: Pond netting is effective in keeping birds out of pond areas.

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: See comment # 4 above

Common Raven Fixed Point Survey Data Table

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



Monitor	Date	CORA Observation Point	Start Time	End Time	Minimum Visibility (m)	Maximum Visibility (m)	Wind Direction	Wind Speed (mph)	Precipitation	Temp. (°F)	Cloud Cover
Eric German	1/16/2014	R4. 683203 W, 3727508 N	1:34:00 PM	1:45:00 PM	99999	99999	N	3	None	79	0%
Eric German	1/16/2014	R3. 683684 W, 3727437 N	2:06:00 PM	2:17:00 PM	99999	99999	N	3	None	79	0%
Eric German	1/16/2014	R5. 685761 W, 3727662 N	2:35:00 PM	2:45:00 PM	99999	99999	NW	3	None	79	0%
Eric German	1/16/2014	R7. 686177 W, 3725504 N	3:07:00 PM	3:18:00 PM	99999	99999	W	2	None	82	0%
Eric German	1/16/2014	R2. 686736 W, 3726215 N	3:28:00 PM	3:39:00 PM	99999	99999	N	3	None	82	0%
Eric German	1/16/2014	R6. 687910 W, 3726586 N	3:44:00 PM	3:55:00 PM	99999	99999	NW	3	None	82	0%
Eric German	1/16/2014	R1. 691217 W, 3722767 N	4:41:00 PM	4:52:00 PM	99999	99999	NW	4	None	76	0%

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



Monitor	Date	CORA Observation Point	Observation Time	Sex	Age	No. of CORA	Activity	Flight Direction (to)	1 st Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
Eric German	1/16/2014	R2. 686736 W, 3726215 N	-	-	-	-	-	-	-	-	-	-	-	No CORA observed.
Eric German	1/16/2014	R1. 691217 W, 3722767 N	4:46:00 PM	-	-	1	Perched above ground	-	-	-	-	NO	YES	Perched on wooden pole 300mnw
Eric German	1/16/2014	R6. 687910 W, 3726586 N	-	-	-	-	-	-	-	-	-	-	-	No CORA observed.
Eric German	1/16/2014	R7. 686177 W, 3725504 N	-	-	-	-	-	-	-	-	-	-	-	No CORA observed.
Eric German	1/16/2014	R5. 685761 W, 3727662 N	-	-	-	-	-	-	-	-	-	-	-	No CORA observed.
Eric German	1/16/2014	R3. 683684 W, 3727437 N	-	-	-	-	-	-	-	-	-	-	-	No CORA observed.
Eric German	1/16/2014	R4. 683203 W, 3727508 N	-	-	-	-	-	-	-	-	-	-	-	No CORA observed.

Common Raven Fixed Point Observation Data Sheet

Obs Pt.

Page ____ of ____

Cloud Cover: 97 %

No CWRA observed

Habitat Codes: CBS-Creosote Bush Scrub, SD/SS-Sand Dunes/Sand Sheets, DP-Desert Pavement, OT-other (please specify, provide details of Project structure/facility)

ADDITIONAL NOTES

Common Raven Fixed Point Observation Data Sheet

Obs Pt	2
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Page ____ of ____

Cloud Cover: 99 %

no CORA observed

Habitat Codes: CBS-Creosote Bush Scrub, SD/SS-Sand Dunes/Sand Sheets, DP-Desert Pavement, OT-other (please specify, provide details of Project structure/facility)

ADDITIONAL NOTES

Common Raven Fixed Point Observation Data Sheet

Obs Pl. 3

Page ____ of ____

Precipitation (circle one): none light rain rain snow sleet hail fog other Temp: 77 (°F) Cloud Cover: 97%

No CORA observed

Habitat Codes: CBS-Creosote Bush Scrub, SD/SS-Sand Dunes/Sand Sheets, DP-Desert Pavement, OT-other (please specify, provide details of Project structure/facility)

OBS. #
(Time)

ADDITIONAL NOTES

Genesis Solar Energy Project
Eastern Riverside County, California
Common Raven Fixed Point Observation Data Sheet

Date (mm/dd/yyyy) 1-30-14 Observer (init.) DP Start Time 10:53 End Time 11:04 Obs Pl. 4

Visibility: Clear or Min _____ Max _____ (m) Page _____ of _____

Wind Direction from (circle one): Calm N NE E SE S (SW) W NW Variable Speed: Low _____ High _____ (km/h) 2mph

Precipitation (circle one): (none) light rain rain snow sleet hail fog other Temp: 77 (°F) Cloud Cover: 90 %

Obs #	Time	Sex	Age	# of birds	Activity (circle 1st, X others)	Flight Dir (to)	Horizontal Distance (m)		Habitat Type/ Perch Structure	Aud?	Vis?	Notes
							1st	closest				
1					WA PE FL OT							No CORA observed
2					WA PE FL OT							
3					WA PE FL OT							
4					WA PE FL OT							
5					WA PE FL OT							
6					WA PE FL OT							
7					WA PE FL OT							
8					WA PE FL OT							
9					WA PE FL OT							
10					WA PE FL OT							
11					WA PE FL OT							
12					WA PE FL OT							

Activity Codes: WA-walking on ground, PE-perched above ground, FL-flying, OT-other (please specify)

Habitat Codes: CBS-Creosote Bush Scrub, SD/SS-Sand Dunes/Sand Sheets, DP-Desert Pavement, OT-other (please specify, provide details of Project structure/facility)

OBS. # (Time)	ADDITIONAL NOTES

Genesis Solar Energy Project
Eastern Riverside County, California
Common Raven Fixed Point Observation Data Sheet

Date (month/day) 1-30-14 Observer (init.) CNC Start Time 11:50 End Time 12:08 Obs Pt. 5

Visibility: Clear or Min _____ Max _____ (m) Page _____ of _____

Wind Direction from (circle one): Calm N NE E SE S SW W NW Variable Speed: Low _____ High _____ (km/h) 3 mph

Precipitation (circle one): none light rain rain snow sleet hail fog other Temp: _____ (°F) Cloud Cover: _____ %

Obs #	Time	Sex	Age	# of birds	Activity (circle 1st, X others)	Flight Dir (to)	Horizontal Distance (m)		Habitat Type/ Perch Structure	Aud?	Vis?	Notes
							1st	closest				
1					WA PE FL OT							No Co ^{comm} After leaving observ. site, 3 CoRA flew by.
2					WA PE FL OT							
3					WA PE FL OT							
4					WA PE FL OT							
5					WA PE FL OT							
6					WA PE FL OT							
7					WA PE FL OT							
8					WA PE FL OT							
9					WA PE FL OT							
10					WA PE FL OT							
11					WA PE FL OT							
12					WA PE FL OT							

Activity Codes: WA-walking on ground, PE-perched above ground, FL-flying, OT-other (please specify)

Habitat Codes: CBS-Creosote Bush Scrub, SD/SS-Sand Dunes/Sand Sheets, DP-Desert Pavement, OT-other (please specify, provide details of Project structure/facility)

OBS. # (Time)	ADDITIONAL NOTES
12:12	Raven fly over heading north (1)
	" " " " South (1)
	" " " " West (1)

Common Raven Fixed Point Observation Data Sheet

Obs Pl. 6

Page ____ of ____

Cloud Cover: 98 %

No CORA observed.

Habitat Codes: CBS-Creosote Bush Scrub, SD/SS-Sand Dunes/Sand Sheets, DP-Desert Pavement, OT-other (please specify, provide details of Project structure/facility)

ADDITIONAL NOTES

Common Raven Fixed Point Observation Data Sheet

Obs Pl. 7

Page ____ of ____

n) ~~14 mph~~ 14 mph

Cloud Cover: 97 %

no CoRA observed

Habitat Codes: CBS-Creosote Bush Scrub, SD/SS-Sand Dunes/Sand Sheets, DP-Desert Pavement, OT-other (please specify, provide details of Project structure/facility)

ADDITIONAL NOTES

Avian Reporting Data Table and Reporting Data Forms

						Specimen Collection Information										
Report Year (yyyy) *	Project Proponent *	Project Name *	Project Type *	Salvage Permit # (if applicable)*	Eagle Permit # (if applicable)*	Specimen Number *	<div><div>How to Use the Search Box: You may either start typing your choice or click on the arrow on the right hand side of the search bar to view all choices. Once you locate the appropriate choice, you can highlight the text and then hold down the CTRL button while pressing C on</div><div>SPECIES COMMON NAME SEARCH BOX:</div><div></div></div>	Scientific Name (include subspecies, if known) *	SPITS Code	Number of individuals found or number of nests relocated (if active nest relocation) *	Age	Sex	How found? (Carcass survey, incidental detection) *	Discovery Date *	Name of individual discovering injury/mortality	Collection Date *
2014	NextEra Energy Resources	Genesis Solar Energy Project	Solar Energy	N/A	N/A	N/A	Pigeons & Doves	Columba livia	ROPI	1	Adult	Unknown	Incidental	1/9/2014	Eric German	1/9/2014
2014	NextEra Energy Resources	Genesis Solar Energy Project	Solar Energy	N/A	N/A	N/A	Rock Wren	Salpinctes obsoletus	ROWR	1	Adult	Unknown	Incidental	1/13/2014	Eric German	1/13/2014
2014	NextEra Energy Resources	Genesis Solar Energy Project	Solar Energy	N/A	N/A	N/A	Rock Wren	Salpinctes obsoletus	ROWR	1	Adult	Unknown	Incidental	1/13/2014	Eric German	1/13/2014
2014	NextEra Energy Resources	Genesis Solar Energy Project	Solar Energy	N/A	N/A	N/A	American Kestrel	Falco Sparverius	AMKE	1	Adult	Female	Carcass Survey	1/29/2014	Eric German	1/29/2014

Bird/Carcass Information										Location					
Condition of Bird/Carcass (or if Active Nest Relocation, please indicate that here)*	Estimated time dead/injured before discovery	Description of Carcass/Injury (noticeable injuries, entire, partial, feather, scavanged, disarticulation, emaciated)*	Suspected cause of injury/mortality (field determination)*	Level of certainty for suspected cause * Observed - 100% Valid - >90% certainty Probable - >50% certainty Possible - <50%, but > 0% certainty Not Applicable - 0% certainty or unknown	Official cause of death	Who determined official cause of death? (Lab Name)	Necropsy? Y/N	Disposition (Where did carcass end up?)*	Injured animal outcome? (Died, euthanized, released, rehab center, zoo)	Transect/Subplot Number *	Where found: GPS Latitude (decimal degrees)*	Where found: GPS Longitude (decimel degrees)*	Habitat surrounding carcass	County (Note: Please list only primary name e.g. Grant Parish would be "Grant", and Alameda County would be "Alameda")	State
Dead, fresh (eyes moist)	0-8 hours	Good condition, blood stained feathers in neck area.	Collision (other)	Valid (>90%)	unknown	N/A	unknown	Freezer on site	N/A	N/A	33.66582	-114.99642	Other (note)	Riverside	CA
Broken up	7 days	Carcass partially desiccated and some disarticulation.	Unknown	Not Applicable (0% or Unknown)	unknown	N/A	unknown	Freezer on site	N/A	N/A	33.65419	-114.97412	Bare Ground	Riverside	CA
Broken up	7 days	Carcass partially desiccated and some disarticulation.	Unknown	Not Applicable (0% or Unknown)	unknown	N/A	unknown	Freezer on site	N/A	N/A	33.65414	-114.97407	Bare Ground	Riverside	CA
Broken up	7 days	Rear part of carcass, feet and tail attached.	Unknown	Not Applicable (0% or Unknown)	unknown	N/A	unknown	Freezer on site	N/A	N/A	33.65588	-114.98087	Bare Ground	Riverside	CA

Weather conditions					Project Feature information		Project Feature information							Additional information	
Estimated weather conditions at time of mortality/injury	Wind speed (Day of death, estimated)	Max wind gust speed (Day of death, estimated)	Wind direction (Day of death, estimated)	Moonphase (Julian calendar phase)	Project feature where injured bird/carcass was found*	Project feature where injured bird/carcass was found* (use if more than one feature found)	Project feature where injured bird/carcass was found* (use if more than 2 features found)	Distance to Project Feature (Feet) *	Azimuth of carcass to project feature	Flight diverters on transmission line? (Y/N)	Type of flight diverter? (<i>List various types</i>)	Transmission compliant with APLIC 2012? (Y/N)	Type and configuration of structure (e.g. structure type, nameplate information, manufacturer information, model number, height, presence/absence of guy wires, structure ID#, line name, circuit number, circuit name, etc.)	Biometric Data on bird (Optional, but could include weight, wing chord, tarsus, tail molt, fat level, brood patch, etc.)	Additional Information and Notes (Band information, other identifying numbers, mitigating conditions)
Clear	0			unknown	Project Building	N/A	N/A	110	90	N	N/A	N/A	N/A		Found in access road. Seen alive earlier in day. Rock dove found in access road to unit 1 power block, bird removed from access road by worker to prevent further damage to carcass. Collected at trailer and trailer coordinates used for reporting Band AU 2011 ARPU 79363. 1450 left message of mortality.
Unknown				unknown	Fencing	Transmission Tower	N/A	10	0	N	N/A	N/A	N/A	Wren beak, barring on tail, rufous/brown/dark gray back.	2nd ROWR carcass about 5 meters to east at 33.65414, -114.97407. Both mortalities in former laydown of piping.
Unknown				unknown	Fencing	Transmission Tower	N/A	10	0	N	N/A	N/A	N/A	Wren beak, barring on tail, rufous/brown/dark gray back.	Both mortalities in former laydown of piping.
Clear				unknown	Solar Trough	Other	N/A	4	150	N	N/A	N/A	N/A		Partial carcass, tail and feet. Other remains not found. Located beneath solar trough in small amount of vegetation surrounded by bare ground. 4 feet NE of caisson. Carcass likely to have been predated upon.

Date & Time: Thu Jan 9 13:57:46 PST 2014
Position: 11 N 685764 3726903
Altitude: 391ft
Azimuth/Bearing: 011 N11E 0196m/s (True)
Elevation Angle: -86.0°
Horizon Angle: +81.8°
Zoom: 1X
Bird mortality



Date & Time: Mon Jan 13 11:46:48 PST 2014
Position: 11° N 687852 3725854
Altitude: 379ft
Azimuth/Bearing: 267° S87W -4742mils (True)
Elevation Angle: 76.2°
Horizon Angle: +28.0°
Zoom: 1X
bird mortality rock wren

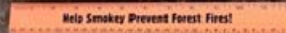


1/13/14 11:46
Alt. 379ft
3725854
Elev 76.2°
Bearing 267° S87W
Horizon 28.0°
Zoom 1X
bird mortality rock wren

Date & Time: Mon Jun 13 11:53:17 PST 2011
Position: 11°N 66°05' 37.25653
Altitude: 388H
Azimuth Bearing: 273° N87W 4853m/s True
Elevation Angle: 73.8°
Horizon Angle: +38.3°
Zoom: 1x
bird mortality rock area



kestrel mortality unit 2 east row 21



ATTACHMENT 5

CORRESPONDENCE

Ireland, Mike

From: German, Charles
Sent: Friday, January 17, 2014 2:41 PM
To: Rodriguez, Magdalena@Wildlife; Tera_Baird@fws.gov; Watson, Carol@Energy; Chuck.griffin@us.bureauveritas.com; mmassar@blm.gov
Cc: Gavaldon, Jennifer; Guigliano, Jennifer; Gardner, Amy H; Ireland, Mike
Subject: Genesis Western Burrowing Owl Informational
Attachments: 20140117_WBO_Form.pdf

A single Western Burrowing Owl was observed during surveys for removal of the temporary desert tortoise exclusion fence. An Informational Construction Wildlife Incident Form is attached. The Owl was within the apron of a burrow and flushed. The bird appeared healthy.

The burrow is located 140 meters north of the east west linear desert tortoise fence. Activities will be low noise and low disturbance. The Staff Report on Burrowing Owl Mitigation, March 7, 2012, recommends a 100m buffer during medium levels of disturbance for nesting sites at this time of year. Only one Owl was observed and the burrow does not appear to be a nesting site at this time. The monitors are aware of the burrow location and activities are in a perpendicular to the burrow. The work in the area is scheduled to be completed early next week.

Eric German
Designated Biologist
Genesis Solar Energy Project
805.895.9842

INFORMATIONAL
Construction Wildlife Incident Form

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

INCIDENT DETAILS

Date: 1/15/14 Observer: ERIC GERMAN

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

Cause of Death: N/A

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

Photo No. PHOTO OF BURROW

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

WBO APPEARED HEALTHY AND RETURNED TO BURROW SITE

LOCATION

DATUM: NAD 83

UTM E: 686871 UTM N: 3727362

Location Details (microhabitat, etc.):

CREOSOTE SCRUB
140 METERS NORTH OF EAST WEST LINEAR OF
TEMPORARY DESERT TORTOISE EXCLUSION FENCE

IDENTIFICATION

Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): WESTERN BURROWING OWL

Sex (circle one): Male / Female / Unknown

Age (circle one): Adult / Juvenile / Unknown

Is Animal Tagged? (circle one): Yes / No -NOT SEEN

Identification Remarks: _____

ENVIRONMENTAL CONDITIONS

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

Approx. Temperature (circle one) °F / °C: 65°

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

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dune or Sand Sheet /

Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): LEFT IN PLACE

Date & Time: Wed Jan 15 16:00:20 PST 2014
Position: 11 N 686865 3727364
Altitude: 398ft
Azimuth/Bearing: 199° S19W 3538mils (True)
Elevation Angle: -36.5°
Horizon Angle: -41.3°
Zoom: 1X
WBO Burrow.



Appendix C

Haz-6

Worker Environmental Awareness Program Training

Genesis Site Safety Orientation

WEAP

Signature	Print Name	Company	Date
	Eric Mitchell	KRONNE, Inc	JAN
	James Nuan	Bentley Nevada GE	
	Mark Crandall	Siemens Energy	
	Daniel Lemeroux	Nexera	
	Andrew P. Kurlich	Inter Service Inc.	
	Rosemarie Dierks	Blackbox	
	Carlos Rance	Siemens	
	Jason Oliver	Siemens	
	Adriel Saez	Spx Cooling Tower	
	Terry Danto	FLUOR	
	John But	VEU	1/3/14
	Nick Probst	Siemens	1/3/14
	SAM Chew	Total Western	1/6/14
	Thomas Dillon	Total Western Inc	1-6-14
	Randy Simon	Total western	1-6-14
	Mike Garcia	TOTAL western	01-06-14
	Saul Serna	Total Western	1/6/14
	Carlos H. Reyes	Universal Plant Services	1/6/14
	Robert Smith	Universal Plant Services	1/6/14
	Michael Terzoli	universal Plant service	1/6/14
	Che Lau	SCE	1/13/14
	Justin Chien	SCE	1/13/14
	CLIFF SEITZINGER	SCE	1/13/14
	Milton Tony Harper	SCE	1/13/14
	Justin Deane	EPC Services	1/14/14
	ELLIS STOMA	Fluorserve	1-20-14
	Jerry Scott	UPS	1-20-14
	Randall Grahman	UPS	1-20-14
	Doug Wagner	GE Bentley Nevada	1-22-14
	John Hay	California B/R	1-23-14
	STEVE PARIS	Victory Energy	1-23-14
	CHARLES BROOKS	SIEMENS	28 JAN 14
	Tim Taylor	SIEMENS	
	Brandon Pennington	Sentry	30 JAN 14

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications

Genesis submittal count and CBO Response:

<u>Submittal Title</u> <u>Applicant</u>	<u>Submission date/Reviewer</u>	<u>Date Returned to</u>
• MECH-2-015.0 - Aux Boiler Package Unit 1 - PC1 (01/14/14 Tom Trimberger)		01/21/14: For Reference Only
• MECH-2-016.0 - Instrument Air Package Unit 0 -PC1 (01/22/14 Tom Trimberger)		01/21/14: For Reference Only
• MECH-2-017.0 - Instrument Air Package Unit 1 -PC1 (01/22/14 Tom Trimberger)		01/21/14: For Reference Only
• MECH-2-018.0 - Deaerator Unit 1 - PC1 (01/24/14 Tom Trimberger)		01/21/14: For Reference Only
• MECH-2-019.0 - HTF Steam Heaters U1 & 2 -PC1 (01/27/14 Tom Trimberger)		01/22/14: For Reference Only
• MECH-2-020.0 - Feedwater Heaters Unit 1 -PC1 (01/27/14 Tom Trimberger)		01/22/14: For Reference Only
• STRUC-1-134.0 - PDC 2A Structural Calculations PC4 (01/28/14 Alan Ho)	01/28/14: Returned with Comment	(CBO and Designer were able to come to an understanding. All criteria have been met, <u>Submittal Approved 02/06/14</u>)
• STRUC-1-313.0 - Meteorological Monitoring System PC3 (02/06/14 – Alan Ho)		01/03/14: Approved

Appendix E

Cultural Monitor Reports

Cul-8 and Cul-13

Construction Monitoring Plan and Flag and Avoid

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 January.

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

January 2014		
Date	Number of Cultural Resource Monitors	Number of Native American Monitors
1/2/2014	1	1
1/3/2014	1	1
1/6/2014	1	1
1/7/2014	1	1
1/8/2014	1	1
1/9/2014	1	1
1/10/2014	1	1
1/13/2014	1	1
1/14/2014	1	1
1/15/2014	1	1
1/16/2014	1	1
1/17/2014	1	1
1/20/2014	1	1
1/21/2014	1	1

1/22/2014	1	1
1/23/2014	1	1
1/24/2014	1	1
1/27/2014	1	1
1/28/2014	1	1
1/29/2014	1	1
1/30/2014	1	1
1/31/2014	1	1

Number of Isolate Forms submitted- 0
 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 grading, backfilling, tortoise fence removal, and various trenching activities on site. Zero artifacts were found during the month of January.

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

The Project Safety Man-Hours captured are as follows:

24,554	Man hours logged in January
24,554	Man hours logged during 2014
3,803,810	Job total man-hours

Project total RIR 0.73

2014 RIR 0

Project LTIR 0

There were not any significant injuries in January.

1130 days without a lost time injury.

- Contractor Safety Audits were completed and actions taken to correct deficiencies.
- Contractors held Weekly All Hands Safety Meetings with agenda and documented attendance.
- 3rd party audits continued from Bureau Veritas weekly.
- 25 Safety Orientations/WEAP training for the month.



January 6, 2014

Heavy Equipment

While on the jobsite it is important to remember to practice safe working habits while operating or working around heavy equipment. To protect yourself and prevent accidents be alert and follow these important safety tips.

- Always be aware of where the construction equipment is and which direction it is traveling.
- Stay out of the equipment's blind spots.
- Make eye contact with the equipment operator before you approach the machine.
- Never stand near a working machine.
- Use the standard hand signals related to communicate with the equipment operator.
- Avoid equipment unless you must go near it.
- Be aware of where other workers are and keep them out of the way of moving equipment.
- Never ride on equipment or allow others to. Falls from equipment can be deadly.
- Be sure to follow speed limits while driving around heavy equipment; 10 MPH or slower.
- Verify that your UTV has a whip for additional visibility.
- Always wear site specific PPE.

Operating construction equipment around workers

If you will be operating construction equipment on the jobsite other contractor employees will be on foot in close proximity to your work area, take extra caution. Before you enter the site, check to be sure all lights, horns, back-up warning alarms, mirrors and other safety items are working. Know your machine's blind spots. Be sure you understand the hand signals that will be used.

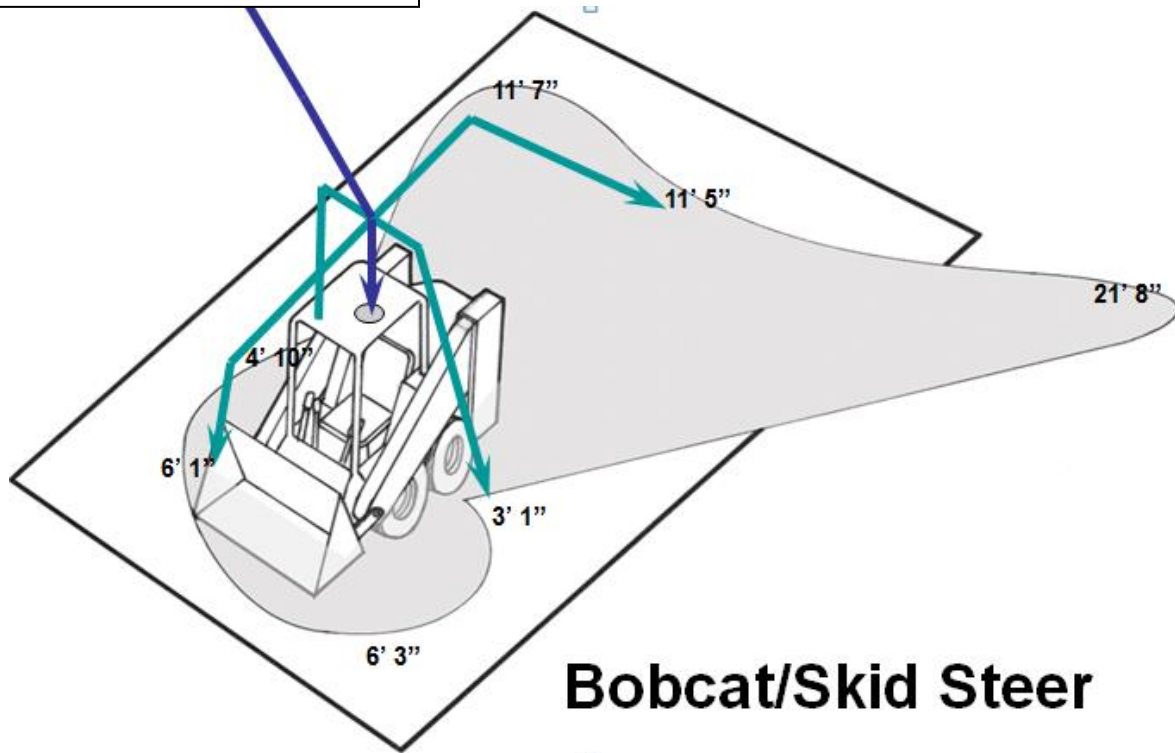
Never give anyone on the construction jobsite a ride on your equipment, unless there is a second seat intended for passengers and it is equipped with safety restraints. Don't operate equipment without proper roll-over protection or protection against falling or shifting loads.

Always use a spotter when moving into proximity of workers or other equipment. Make eye contact with the spotter, and if the spotter moves out of your sight, stop the machine until you have re-established eye contact. If more than one spotter is signaling you, stop until you determine which one is watching your vehicle. Always be aware of overhead hazards, such as power lines, and if necessary use a spotter when crossing under or working near them.

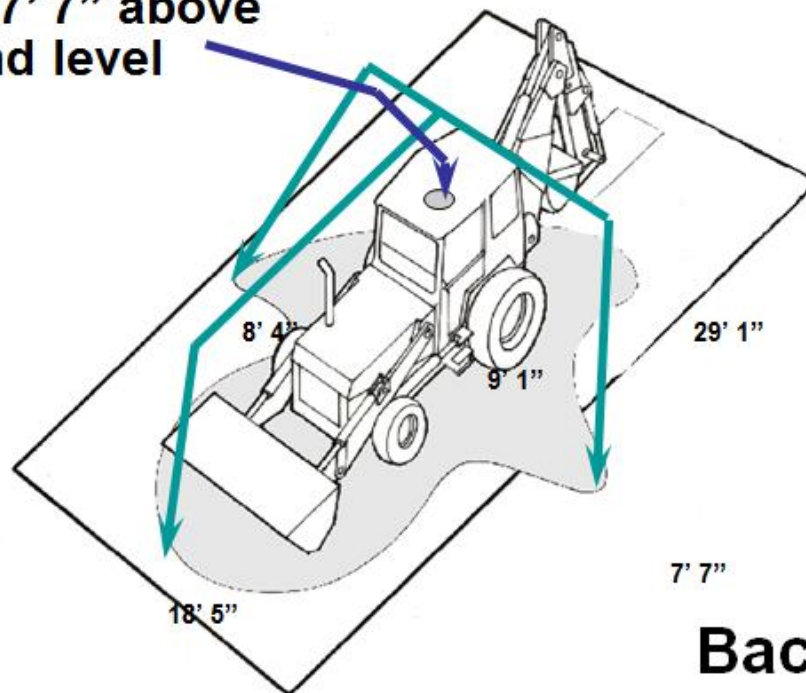
Engage the parking break whenever your vehicle is parked, and set chocks if the vehicle is parked on an incline. Blades, buckets, dump bodies and other attachments should be lowered fully or blocked when equipment is parked.

By using a little common sense, following your company's policies and using the tips above working with or near heavy equipment should be incident free.

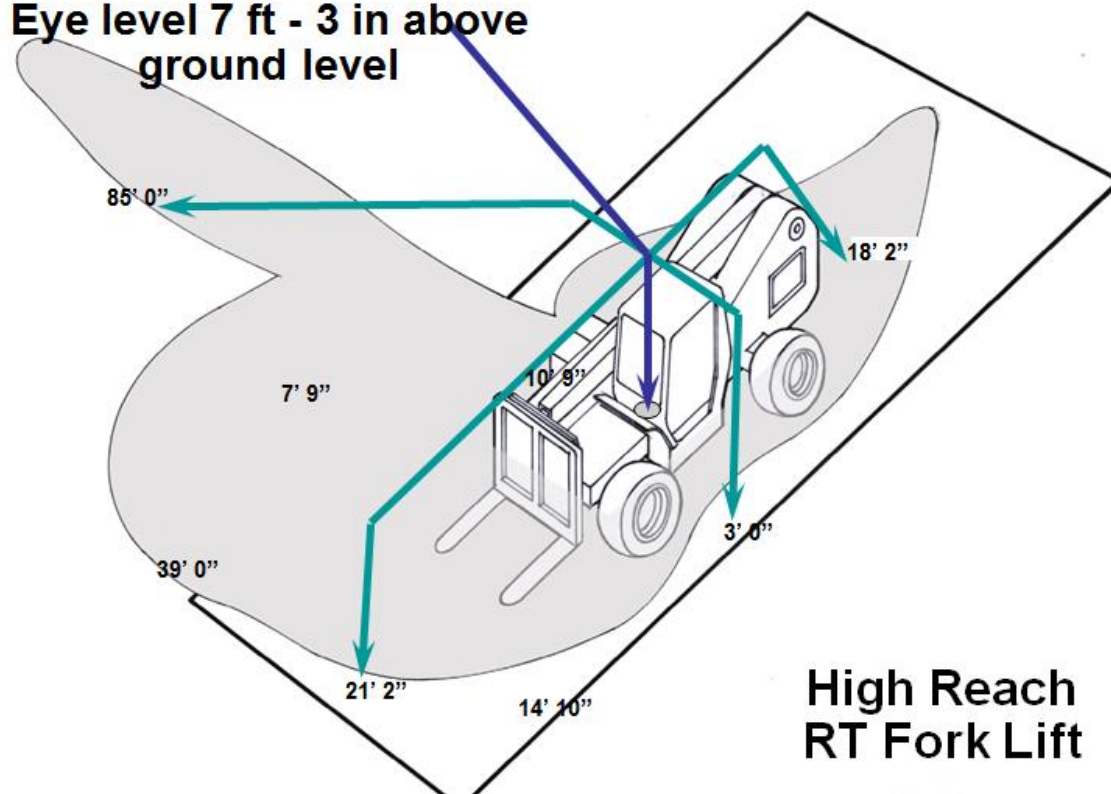
Eye level 5'5" above ground level



Eye level 7'7" above ground level



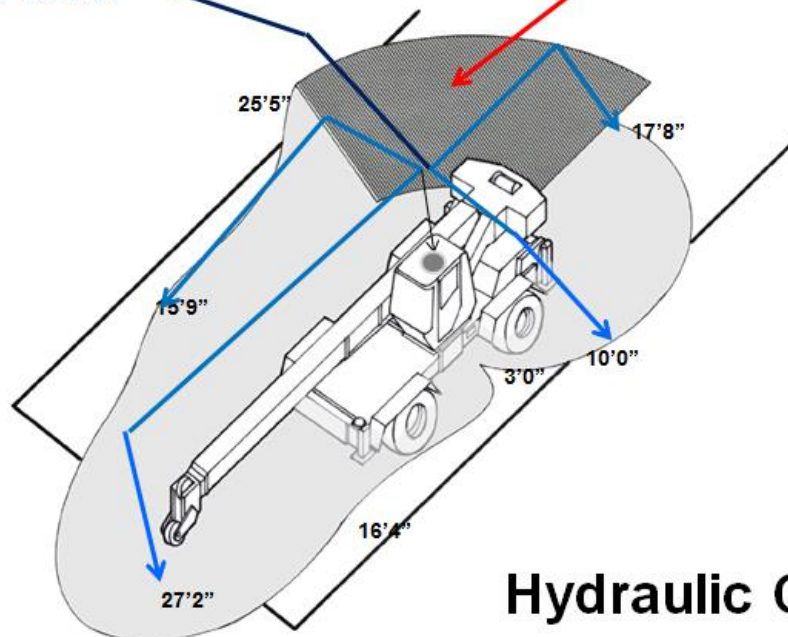
**Eye level 7 ft - 3 in above
ground level**



**High Reach
RT Fork Lift**

**Eye level 7'0" above
ground level**

**Area of fully
obstructed view**



Hydraulic Crane



Make the RIGHT Choice

January 13, 2014

Chemical Releases

Your safety training helps ensure things go right when you do your job. Your training also includes what to do when things go wrong. You are trained to prevent spills when you work with chemicals, but your training also tells you how to respond to one.

Unplanned release of a chemical can have devastating effects. Skin and eye burns, damage to the lungs, fire and explosion, corrosive damage to materials, pollution of air, soil and water are just some of the possible consequences of a chemical spill. Chemical spills can be in the form of liquids, solids, gases and vapors. They can be flammable, corrosive or toxic.

The time to deal with a chemical spill is long before it happens, by rehearsing what you will do and obtaining the supplies you will need for self-protection and clean-up.

First, you need to learn all you can about the chemicals used and stored in your work area. What are the hazards? What would happen if the chemical were exposed to air, oxygen, a spark or water? If breathed in, could it damage the respiratory system, cause unconsciousness or death? Are there possible long-term effects from chemical exposure? You will get this type of information from your training, the Material Safety Data Sheet, container label and other sources.

Here are some basic procedures you for dealing with a spill.

- Alert people in the area of the spill.
- Determine wind direction and speed; if applicable.
- Notify appropriate managers.
- Attend to any injured persons, removing them from exposure and getting to a safety shower if necessary.
- Depending on the nature of the chemical, you might need to open windows and doors to provide ventilation, close up the affected area to contain spills or turn off heat and other ignition sources.
- If you are trained and authorized, use the appropriate materials to absorb or contain the spill. For instance, you might have kits to neutralize spilled acids or bases. For other chemicals, you could be required to sprinkle an absorbent litter on a spill or surround the spill with a dam.

Do not attempt clean-up under these circumstances:

- You don't know what the spilled material is.
- You do not have the necessary training to effectively remedy the situation.
- You don't have the necessary protection or the right equipment to do the job.
- The spill is too large.
- The spill is highly toxic.
- You feel symptoms of exposure.

Know the chemicals that you are working with or that are present in your work area; if you are unsure talk with your supervisor. Learn your part in the spill response plan.

January 20, 2014

Protecting Our Hands



Make the RIGHT Choice

Our hands are two the most valuable and widely used tools in the workplace. Proper glove selection is essential in protecting these tools from on-the-job hazards. All too often, workers are faced with a very limited understanding of why hand protection is needed or even how to select a glove properly for their application. The wrong glove often is selected for the job task, which risks injury to the worker or a loss in productivity.

Knowing which type of glove works for the job task will greatly increase worker safety and productivity. It is important to remember that no single glove will provide protection in all applications or against every hazard or substances. By choosing the right material and construction, gloves should protect the hands from the hazards for which they were selected. It is essential that employers and their employees know which gloves are suitable for their tasks. Correct selection is important both to remain in compliance with OSHA regulations and to protect workers from injury. According to OSHA Fact Sheet 93-03, the financial cost of these injuries is more than \$300 million per year in lost production time, medical expenses and worker's compensation.

In the construction industry, workers need protection from abrasive surfaces, wood and metal splinters, and injuries associated with cuts or scrapes, repetitive motions, and vibration. Gloves manufactured from leathers or advanced fibers and polymers such as Kevlar® and Dyneema® provide superior protection from cuts and scrapes as compared to cotton, canvas, or standard synthetic string knit gloves. Additional protection can be provided through various coatings applied to the glove or by lining the gloves with impact- or vibration-dampening gels or pads.

An important factor to remember is that all gloves need to be inspected on a regular basis to avoid glove failure. Inspect gloves prior to each time they are used, replacing them immediately if any damage or degradation is found.

Ask yourself these questions before beginning your task...

Is this task addressed on the JSA and am I trained/qualified to perform the activity?

Are abrasions and punctures from sharp objects a problem? Many gloves are designed to protect from slashes caused by sharp objects, but few provide high levels of puncture resistance from objects such as the ragged edges of a piece of metal or glass. Will the abrasions or punctures occur to the palm, top of the hand, or both?

Am I working with chemicals that require the use of gloves? If unsure consult the MSDS.

Are the gloves properly sized? Gloves that are too large will slide around on the hands, won't provide protection where it is needed, and could become caught in machinery or moving parts. Gloves that are too snug can decrease a worker's dexterity and may become so uncomfortable that workers will remove them.

Are my gloves free from any defects; holes, cuts, burns, that may hinder their performance?

Am I planning my work to avoid pinch points? Although gloves offer some level of protection against hand injuries, plan our work so that hands are not positioned in an area to "test" the gloves.



Make the RIGHT Choice

January 27, 2014

Utility Transportation Vehicles

All-terrain vehicles, ATVs, and Utility Transportation Vehicles, UTVs, have a long-standing reputation for being unsafe and dangerous for riders and passengers. Operational injury statistics are staggering, averaging well over a half-million injuries in the U.S. since 2004. Although many injuries are linked to recreational use, UTVs in the workplace are expanding in a variety of industries, thus increasing the risk of job-related injury.

Many theories exist about what can be done to reduce or eliminate UTV-related injuries, but one thing is certain: Proper training to avoid hazards, execution of preventive maintenance and good work practices while operating a UTV will produce positive results and save lives.

Need to Know

Employees who operate UTVs need to have a well-documented operational plan that includes mechanical orientation with manufacturer limitations, riding theory, how to perform vehicle inspections and basic riding techniques. However, these are just the basic essentials for true safety training.

Inspection and Maintenance

All UTVs should be maintained as recommended by the manufacturer's service schedule. A vehicle inspection must be conducted each day of use. Following a visual inspection, the functional aspects of the UTV safety devices should be checked such as: steering, brakes, mirrors, seat belt, lights and signals. Refer to the owners' manual for other inspection and maintenance recommendations. Report any items not in proper working order to your supervisor and take the UTV out of service until repairs are made.

Safe Operation

- If you have not completed documented training onsite you are not authorized to operate a UTV.
- Use extreme caution. Follow posted speed limits and never drive faster than conditions allow.
- Be alert for changing hazards or hazardous conditions.
- Avoid distractions – drivers must not use cell phones while operating carts.
- Drivers and passengers must wear seat belts.
- Use caution when navigating uneven terrain.
- Never take your hands off the wheel.
- Know maximum weight limits of your UTV. Vehicles are not to be overloaded.
- When hauling loads, check to see that nothing obstructs your view and loads are secured.
- Make sure the load fits within the UTV box.
- The driver is responsible for the safety of their passengers.
- The UTV driver must report all accidents to their supervisor.
- Refer to owner's manual for your particular cart for additional safe operating information.

These are a few hazards associated with operating an ATV, and a few things for all employees to think about. OSHA states: As ATV use increases in the workplace, employers and employees can reduce the risk of injury by modifying work practices, operating ATVs within manufacturer's limitations and obtaining vehicle-specific training. Most incidents you find with work-related injury or death involving a UTV can be linked to inadequate training or failure to follow the training they have received.

Appendix G
Miscellaneous Submittals and Information

Genesis Water Log

Date	DCS Daily Meter in gallons
1/1/2014	-
1/2/2014	-
1/3/2014	-
1/4/2014	-
1/5/2014	-
1/6/2014	-
1/7/2014	396,000
1/8/2014	377,000
1/9/2014	361,000
1/10/2014	-
1/11/2014	-
1/12/2014	-
1/13/2014	295,000
1/14/2014	-
1/15/2014	60,000
1/16/2014	25,000
1/17/2014	15,000
1/18/2014	60,000
1/19/2014	-
1/20/2014	85,000
1/21/2014	65,000
1/22/2014	30,000
1/23/2014	178,933
1/24/2014	-
1/25/2014	121,348
1/26/2014	206,688
1/27/2014	134,816
1/28/2014	196,824
1/29/2014	-
1/30/2014	197,099
1/31/2014	171,265