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**Genesis Solar Energy Project
Eastern Riverside County, California**

Genesis Solar, LLC

**Monthly Compliance Report #40
February 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 February, 2014.

During the month of February 2014, Project activities included:

- Steam blows occurred in February.
- 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 February

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
2/07/14	CEC	MECH-3	HVAC Letter from the CBO
2/07/14	CEC	AQ-20	Re-submittal of the Drift Eliminator Manufacturer Guarantee
2/18/14	CEC/MDAQMD	AQ-6, AQ-20	Initial Emission Compliance Tests
2/19/14	CEC	COM-06	January 2014 MCR

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 (AQ-CMM) has been assigned to this project. As per AQ-SC2 an Air Quality Construction Mitigation Plan (AQ-CMP) has been submitted and approved by the California Energy Commission (CEC).

AQ-SC1: Air Quality Construction Mitigation Manager

Requirement: AQ-SC1 (AQ-CMM): 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 AQ-CMM is unavailable.

No new applications were submitted in February 2014.

AQ-SC3: Construction Fugitive Dust Control; AQ-CMM 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.

No water was used for the month of February for construction activities.

Under the direction of the AQ-CMM and as per the AQ-CMP 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 February, 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 6:00 AM to 5:45 PM and 25 mph posted for the night hours, for the main access road, in the month of February.
- 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 February.

AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting

Requirement: The AQCMC 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 February, 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 February 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 February. 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 February, the total number of personnel who received the Construction Worker Environmental Awareness Training was 19. The number of personnel who have received the training to date is 4302. 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 February.

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 February.

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 February.

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 February.

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 February.

There were no injuries in the month of February.

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 February.

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 February.

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 February.

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 February.

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 February.

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 February.

See Appendix G

COMPLIANCE-13 – Post Certification Amendments

No Amendments submitted/approved for the month of February.

Compliance Matrix

Master Matrix

Items to be turned Over
Completed-Agency Approved
Waiting on Approval from Agency
To Be Submitted
MCR Ops and Construction
In Progress-Construction

#	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	
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	In-progress		
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	
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	
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 Buidling Standards Code Compliance	Submit a statement that all facility designs, construction, installation, and inspection requirements of the LORS and CEC's decision have been met.	McCord	< 30d after receipt of CO		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 Resoures 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	
535B	CEC		x	x	GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO) 4-	BV	< 30d of receipt		Temporary CO received	
434	CEC			x	Soil & Water-13	Channel Maintenance Program	Submit written commitment to adopt and implement the Program.	Operations	After S&W-13 Approval			
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	C-Color
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)			C
471	CEC		x	x	TLSN-2	Pre- and Post- Energization Maesurements	Measure strengths of EMF before energization according to (ANSI/IEEE) standard procedures. Submit measurement report.	McCord	< 60d of test			C
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			C

Master Matrix

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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			C
564	CEC			x	GEN-8	As-builts, CBO Notification of Completion and Compliance	Provide CBO with 3 sets of electronic plans.	McCord	< 90d after construction completion			C
377	CEC			x	NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	McCord	following first sustained output of 90%	Submitted on 03/06/14	Awaiting Approval from the CEC	
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	Submitted on 03/06/14	Awaiting Approval from the CEC	
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		Approved by the CEC on 5/10/13. Resubmittal on 2/28/14 to the RCEHD. Waiting on comments/approval	
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	Awaiting Approval from the CEC and MDAQMD	
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	Awaiting Approval from the CEC and MDAQMD	
24C	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	Awaiting Approval from the CEC and MDAQMD	
24D	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	Awaiting Approval from the CEC and MDAQMD	
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	Awaiting Approval from the CEC	
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	Resub on 02/07/14	Awaiting Approval from the CEC	
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	Resub on 02/07/14	Awaiting Approval from the CEC	
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.	
481	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM that permanent lighting is installed and ready for inspection.	Gavaldon	pt operation			C
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			

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#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
25	CEC			x	AQ-5	Operation limits- NG boilers	Equipment shall not be operated for more than 1,000 hours per rolling 12 month period or exceed 14 hours per calendar day. Maintain boiler use records	Operations	Annually			
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	DELETED	DELETED	DELETED			
59	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	DELETED	DELETED	DELETED			
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			

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

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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			
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	

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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	5yrs after start of operation			
392	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Fourth quarterly report serves as annual report. Include trend analysis. Determine where pumping has caused drawdown >5ft below baseline.	Worley Parsons	Jan-31 Annually			
393	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If required, compensate landowners by March 31.	NextEra	Mar-31 Annually			
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			

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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			
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			
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			
139	CEC		x	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	Monthly Inspection and < 48hrs following rain event - For the life of the project			C
145	CEC		x	x	BIO-11	Desert Tortoise Compliance Verification	Provide agencies with reasonable access to the Project site and compensation lands.	NextEra	Ongoing			C

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146	CEC			x	BIO-11	Desert Tortoise Compliance Verification	Submit a Final Listed Species Mitigation Report.	AECOM	< 45d after initial start up			C
168	CEC		x	x	BIO-13	Raven Management Plan	Implement the approved Raven Management Plan.	AECOM	Ongoing			C
180	CEC		x	x	BIO-16	Avian Protection Plan.	Implement an Avian Protection Plan	Tetra Tech / Operations	Ongoing	Submitted Jan 2011.		C
181	CEC		x	x	BIO-16	Avian Protection Plan.	Report project-related bird deaths or injuries to agencies.	AECOM	Ongoing			C
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				C
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			C
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		C
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.			C
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			C
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.			C
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			C
249	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Consult with agency regarding removal of injured wildlife in evap ponds.	AECOM	Ongoing			C
252	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Des Bio or Monitor must inspect netting monthly during operation.	German	monthly			C
268 B				x	BIO-22	Mitigation for Impacts to State Waters	A total of disturbed state waters					C
268C				x	BIO-22	Mitigation for Impacts to State Waters	Report in annual					C
268 A	CEC			x	BIO-22	Mitigation for Impacts to State Waters						C
268	CEC	x	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			C
272	CEC			x	BIO-23	Decommissioning and Closure Plan	Implement a final Decommissioning and Closure Plan.	Operations	Project closure			C
275	CEC		x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Implement Revegetation Plan.	Alice Karl	Ongoing			C
283	CEC		x	x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Implement a CST Protection and Mitigation Plan.	AECOM	Ongoing			C
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			
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			C
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			C
437	CEC		x	x	Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Implement Water Supply Plan mitigation measures.	Jeff Harvey	Ongoing			C
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			C
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			C
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			C
473	CEC			x	TLSN-3	Combustible Material Inspections	Maintain 11me ROW free of combustible material.	Operations	Ongoing			C
480	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM of lighting complaint resolution/implementation.	Gavaldon	< 48hr of resolution			C
483	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit any received lighting complaints. Include proposal to resolve and schedule.	Operations	< 48hr of complaint receipt			C
484	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit a copy of complaint resolution report.	Operations	< 30d of resolution			C
489	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit copy of complaint glare resolution form.	Operations	< 30d of receipt			C
490	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit any glare complaints, including resolution and schedule.	Operations	< 48hr of complaint receipt			C
491	CEC		x	x	VIS-4	Reflective Glare Mitigation	Notify CPM resolution/implementation for glare complaints.	Operations	< 48hr of resolution			C
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.	Operations	< 10d of notification from authorities			C
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			C
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			C
644	CEC		x	x	COMPLIANCE-1	Unrestricted Access	Provide CEC staff and delegate agencies or consultants unrestricted access to the power plant site.	NextEra				C

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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.				C
646	CEC		x	x	COMPLIANCE-2	Compliance Record	Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Operations				C
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/Operations				C
652	CEC	x	x	x	COMPLIANCE-8	Confidential Information	Submit confidential information to CEC Executive Director with a request for confidentiality.	Gavaldon	Ongoing			C
655	CEC		x	x	COMPLIANCE-11	Unplanned Permanent Facility Closure	Submit an on-site contingency plan. (Please refer to BIO-23 and S&W-14)	McCord	> 90d of CPM determination			C
656	CEC		x	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. (Please refer to BIO-23 and S&W-14)	Gavaldon	< 24 hrs of closure			C
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/Operations	Ongoing			C
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)			

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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)			
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)			
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			C
10	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	AQCMM to inspect and tag all diesel-fueled engines Diesel engines and tier standards - see full text. Do not idle diesel equipment for more than 5 mins.(see full text for exceptions)	Gavaldon	Construction Completion 2/14/13			C
107	CEC		x		BIO-3	Biological Monitors - Staff assignment	Submit information on additional bio monitors, if needed	Gavaldon	> 10d pt monitoring activity			C
111	CEC		x		BIO-4	Biological Monitors - responsibilities	Bio Mons assist DB with surveys and monitoring disturbance activities.	Guigliano	Ongoing			C
112	CEC		x		BIO-5	Designated Biologist and Biological Monitor Authority	Des Bio to notify agencies if there a stop work order.	German	Ongoing			C
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			C
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			C
141	CEC	x			BIO-9	Desert Tortoise Clearance Surveys and Fencing	Design security gates with minimal ground clearance to deter ingress by tortoises.	McCord				C
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			C
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			C
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			C
150	CEC		x		BIO-11	Desert Tortoise Compliance Verification	Notify the CPM immediately of any NCR.	AECOM	upon discovery			
155	CEC			x	BIO-12	Desert Tortoise Compensatory Mitigation	Provide to agencies a total disturbance acreage, including B/A aerial photography.	McCord	< 90d after completion of gd			
455	CEC	x	x		TRANS-2	Vehicle Weight Limits	Retain copies of transportation permits and supporting documentation on-site for inspection if requested.	Gavaldon				
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 (During Construction, if needed)			
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 (During Construction, if needed)			

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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(During Construction, if needed)			
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			
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			
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			
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			
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				
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				
278	CEC				BIO-25		DELETED					
279	CEC				BIO-26		DELETED					
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
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

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#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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			
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			
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			
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			
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			
445	CEC				Soil & Water-18	Water Policy Compliance Water Supply Plan	DELETED					
487	CEC				VIS-3	Tlne setback from I-10	DELETED					
507	CEC				WASTE-8	Reuse/Recycling Plan	DELETED					
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			
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			
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			

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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			
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			
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	Submitted on 03/06/14	Approved by the CEC on 03/10/14	
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	Approved by the CEC in 2/26/14	
474	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Submit compliance documentation.	Gavaldon	> 30d pt energization	1/21/14	Approved by the CEC in 2/26/14	
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	Approved by the CEC in 2/26/14	
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	
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 absorption 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	

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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)	
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	

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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	
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	

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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	
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 within 24m and 30m after gd, respectively.	Tetra Tech	< 24m after start of gd		N/A per CEC on 11/02/10	

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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: CNDDB 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	
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	

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289	CEC	x			CUL-1	prehistoric Trails Network Cultural Landscape (PTNCL) Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	NextEra	< 10d of transfer	27-Sep-10	Approved 10/15/10	
290	CEC	x			CUL-1	PTNCL Documentation and Poss. NRHP Nomination	Contribute funds for the PTNCL Documentation and Possible NRHP Nomination program.	NextEra	upon receipt of invoice	27-Sep-10	Approved 10/15/10	
291	CEC	x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	NextEra	< 10d of transfer	27-Sep-10	Approved 10/15/10	
292	CEC	x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCL)	NextEra	upon receipt of invoice	27-Sep-10	Approved 10/15/10	
293	CEC	x			CUL-3	Cultural Resources Personnel	Assign a cultural resource specialist (CRS).	AECom	pt site mobilization	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 geoaarchaeologist.	AECom	> 75d pt gd	26-Aug-10	CRS, Approved 10/18/10 Alt CRS (add info submitted 10/29) PPA, Approved 10/18/10 PHA, Approved 10/18/10 GE (add 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	
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 CRMMMP.	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	

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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	
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	

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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 construction		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 RCFWCDC	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	
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	
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	

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

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#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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	
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 CBO's 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	

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#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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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#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Date Submitted to Agency	Agency Status	Updated
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 < 1mile 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	
24A	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	

Master Matrix

#	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. <u>FOR UNIT 2</u>	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	
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			C
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			

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	XK3J33/GP8T 95	NA	57-60	2007	440	III	Sukut	Sukut	9/28/2011	4/11/2012	Removed from site
Scraper	CAT 657	DF9C83/DG6 M34	NA	57-66	2006	600	III	Sukut	Sukut	9/28/2011	4/12/2012	Removed from site
Scraper	CAT 657	VT6M63/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	CWSY75/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 -SDG60S	1473A20166	NA	689	NA	NA	NA	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site

**Genesis Solar Energy Project
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	LI6V63	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/DU 7M84	NA	57-41	NA	440	III	Sukut	Sukut	10/28/2011	8/2/2013	
Scraper	CAT 657	XG9N34/NY8 599	NA	57-40	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Scraper	CAT 657	NX6E67/XF4 H83	NA	57-56	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Skiploader	CAT 414E	KF6F93	NA	NA	2007	78	III	Sukut	Sukut	11/3/2011	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	

Appendix B
Biological and Botany Reports
BIO-8: Impact Avoidance and Minimization Measures

**GENESIS SOLAR ENERGY PROJECT
BIOLOGICAL RESOURCES
MONTHLY COMPLIANCE REPORT
FOR FEBRUARY 2014**



Prepared for:

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Prepared by:

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February 2014

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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). Completion of temporary tortoise exclusion fence removal, herbicide application, and pre-construction surveys for access road shoulder and revegetation work were other activities during the month of February. 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 February 2014. The following biological surveys and monitoring took place in February 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).
- Biological surveys for access road shoulder completion, access road revegetation, and area of security gate installation.

Wildlife species observed and photos taken during these activities, if applicable, 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 February 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, laydown yard activities, tackifier application and herbicide treatment (in accordance with the approved Pesticide Use Proposal (PUP)). All Plant Site construction activities occurred within the desert tortoise (DT) exclusion fencing. There was fox sign observed onsite including 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 February. Unit 1 mirror fields were monitored on an incidental basis as part of general site monitoring. Unit 1 and 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 on site during monitoring. 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 February 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 (06:00 to 17:45) paved access road speed limit is 45 MPH. The nighttime (17:46 to 05:59) speed limit is 25 MPH. A 1,000-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. No sensitive species were found during access road monitoring activities during the month of February.

- BMs monitored dust suppression activities and water activities that had the 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. The water tanks were removed during the month of February and tackifier was applied to perimeter dirt roads within the plant site. 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.
- Evaporation Pond Monitoring
 - One day per month operational evaporation ponds are monitored. Monitoring for bird activity and mortalities is conducted for two hours in the morning, one hour mid-day, and two hours in the evening. The ponds are checked on a more frequent incidental basis for presence of general wildlife and need for repair. Areas requiring repair were identified and reported to compliance. One bird mortality, white throated swift, was discovered in February associated with the evaporation ponds. One dehydrated exhausted bird, a Ruddy Duck, was removed from on top of the netting and brought to the rehabilitation center on the day of evaporation pond monitoring. The bird was hydrated, allowed to rest and released. 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 February. A small section of temporary exclusionary fencing remained following reporting of completion in 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. The Western burrowing owl detected in January (reported to the agencies and documented within the January MCR) was not observed during February follow up surveys. No other sensitive species were observed during temporary tortoise exclusion fence.
- Raven Monitoring
 - Monitors recorded incidental raven observations and activities during general construction monitoring.
 - Monthly point count surveys were conducted by Genesis operations staff. The results from the raven surveys are reported below. Per the Common Raven Monitoring, Management and Control Plan monthly raven counts will continue throughout the first five years of Project operation. After the first five years of Project operation, the monitoring program will be reviewed by the BLM, CDFW, and USFWS to determine if more frequent or less frequent monitoring is necessary. No raven nesting sites have been observed at the plant site or along linear corridors within the Project right of way. The ground beneath one known raven nest proximate to the transmission corridor has been inspected for desert tortoise remains, no desert tortoise remains 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 2014 forward.
- Monitoring of ESAs
 - All construction activities, with the exception of temporary tortoise exclusion fence removal and herbicide application within the storm water channels around the perimeter of the Plant site, occurred within the Plant Site.

- All biological ESAs are outside of the tortoise exclusionary fencing. ESAs along the 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 and mostly operational 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 February. In accordance with the approved PUP for the GSEP, herbicide was applied by a contractor within channels using backpack sprayers and the channels were surveyed prior to application. Clearance surveys were performed along the access road in anticipation of access road shoulder work, revegetation, and security gate installation. 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 February 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 48 incidental raven sightings during 20

monitoring days. This represents a month-over-month decrease¹ in incidental raven observations.

Formal raven monitoring in accordance with the COCs consisted of monthly and bi-weekly surveys per the Raven Plan. There are seven raven monitoring point locations (Attachment 1). Ravens recorded are within an 800m radius. No ravens were observed during the February monthly raven count surveys. One raven was 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
2/11/14	Ruddy Duck	Evaporation Pond
2/13/14	White-Throated Swift	Evaporation Pond
2/19/14	Unknown (bird wing)	Solar trough field
2/19/14	Unknown (bird wing)	Solar trough field

¹There were approximately 87 incidental raven sightings in January 2014. 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.

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 with the Weed Management Plan. Any herbicide application will be conducted in accordance with the approved PUP. If treatment with herbicides occurs onsite, a Pesticide Use Record (PAR) will be provided to the BLM within 24 hours of treatment.

Herbicide treatment was initiated within the perimeter storm water channels and onsite. BMs cleared the areas prior to treatment and monitored treatment activities as appropriate.

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

GENERAL DAILY NOTES AND OBSERVATIONS

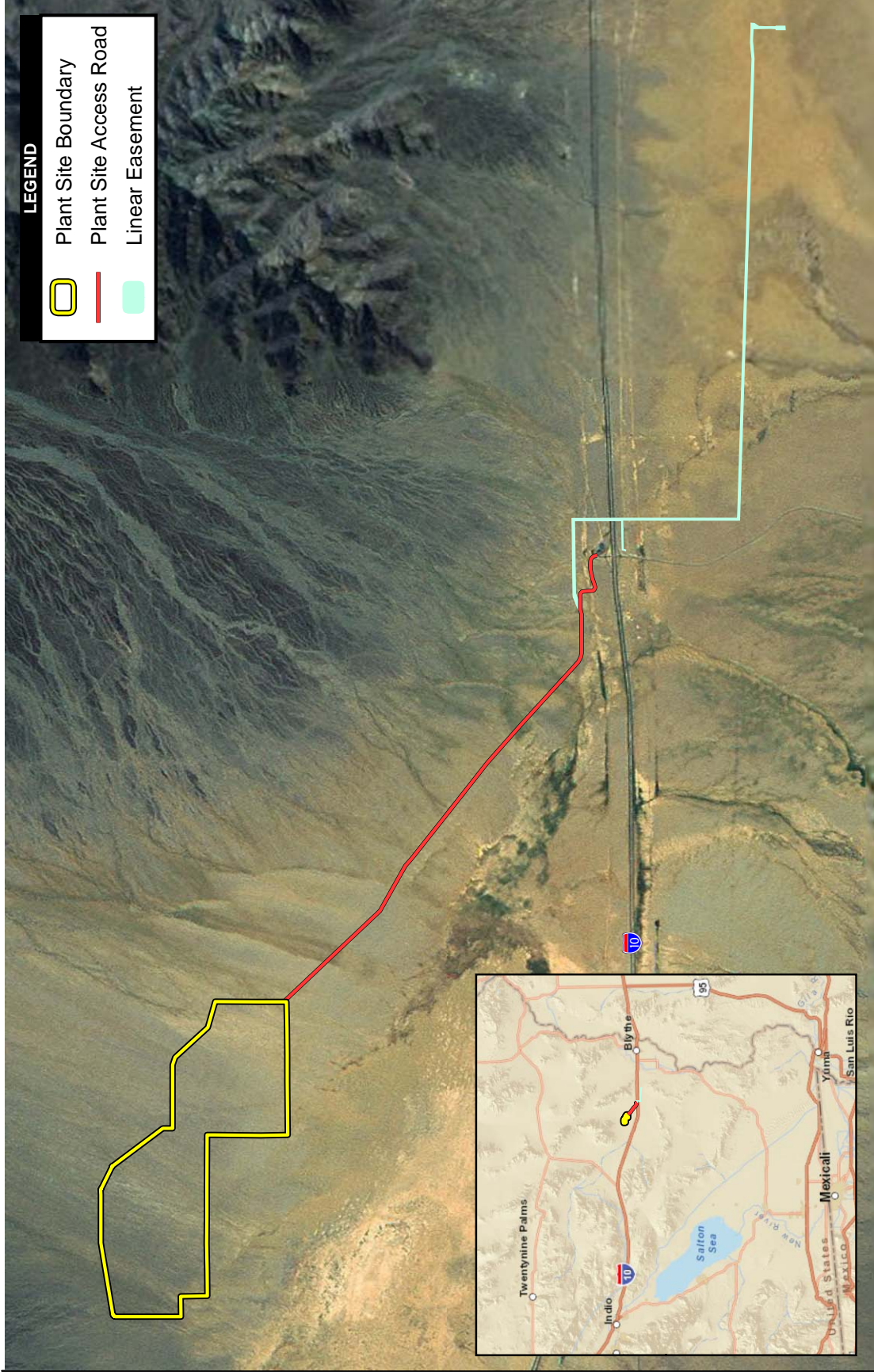
Daily notes detailing compliance monitoring activities are provided in the forms attached (Attachments 3 and 4).

REFERENCES




Not applicable during this reporting period.

ATTACHMENT 1

FIGURES



LEGEND

-  Plant Site Boundary
-  Plant Site Access Road
-  Linear Easement

**Genesis Solar Energy Project
Vicinity Map**

Path: P:\2011\60220713\06GIS6.3_Layout\Bio\MCR\2013\01 - January\Project Site 20130131.mxd, 2/1/2013, irelandm

Source: GSEP 2012; AECOM 2012; +cubed 2010; ESRI 2012

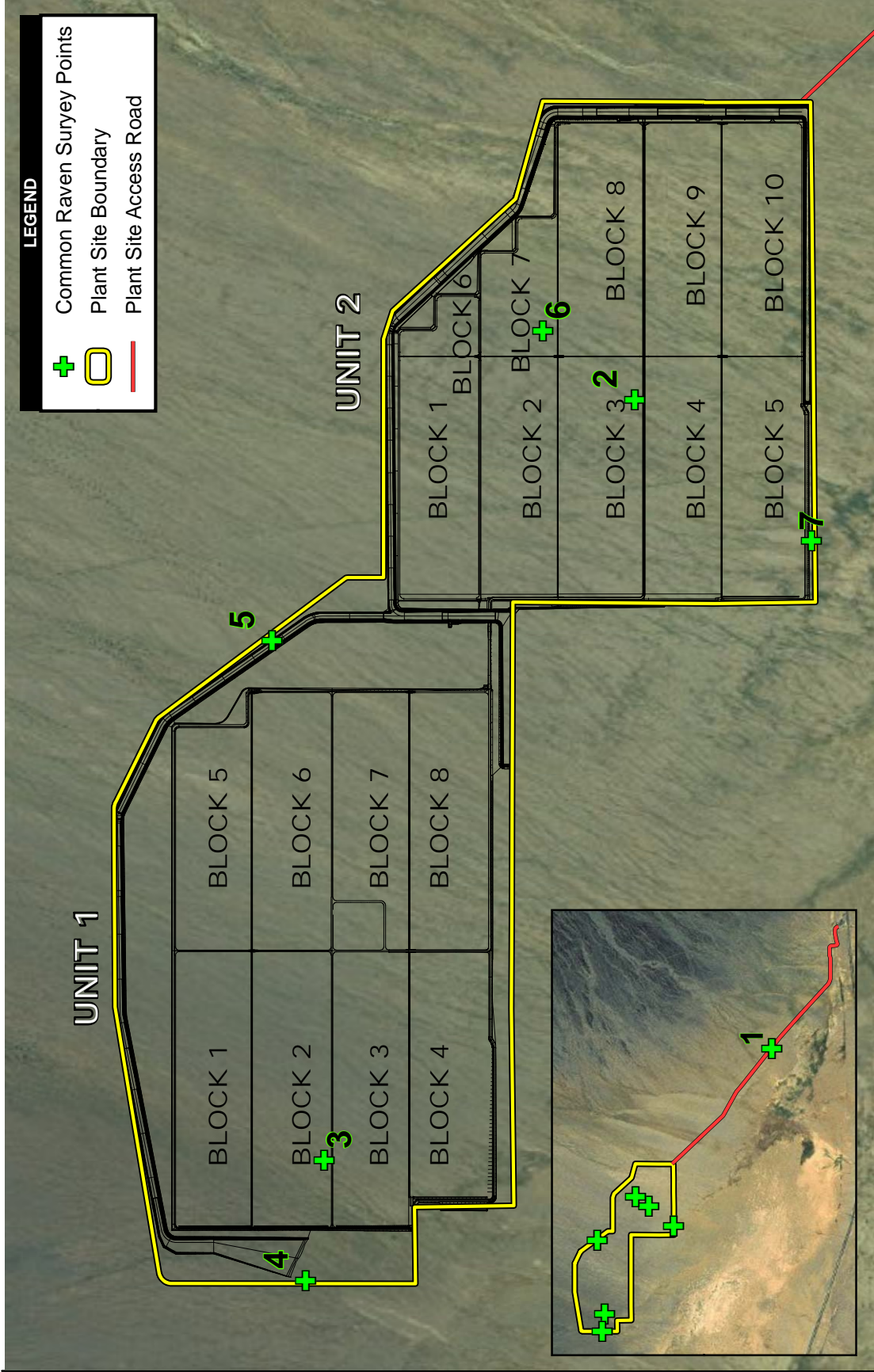
7,500 Feet






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



Genesis Solar Energy Project



LEGEND

-  Common Raven Survey Points
-  Plant Site Boundary
-  Plant Site Access Road

**Common Raven
Survey Points**

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

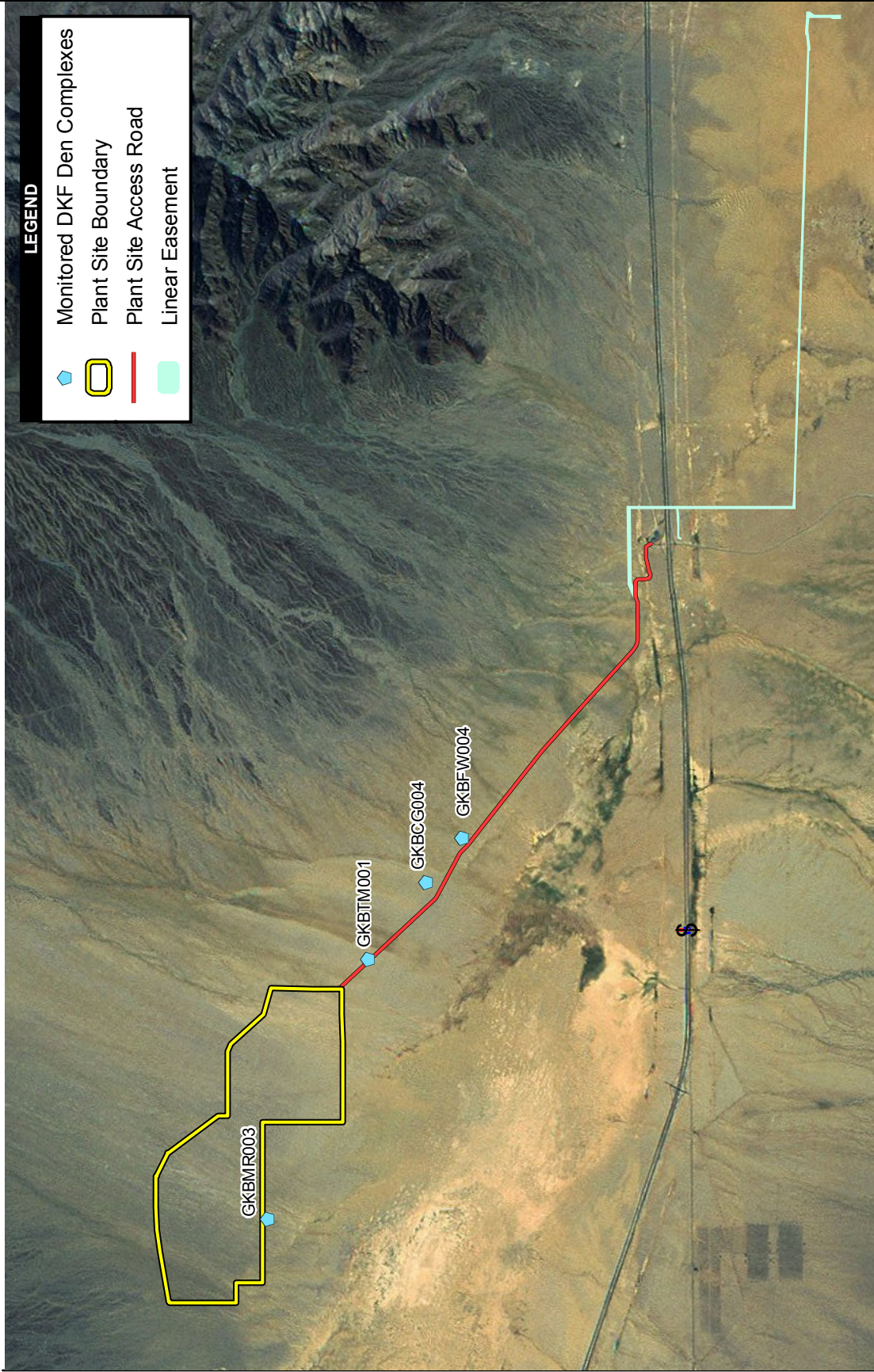


Scale: 1:24,000; 1 inch = 2,000 feet




Genesis Solar Energy Project

Path: P:\2011\60220713\66GIS6.3_Layout\Bio\MCR\2012\3 - March\CORA_Survey Points_20120412.mxd, 4/12/2012, irelandm



LEGEND

-  Monitored DKF Den Complexes
-  Plant Site Boundary
-  Plant Site Access Road
-  Linear Easement

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

7,500 0 7,500 Feet

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



Genesis Solar Energy Project

February 2014 DKF Den Complexes Monitored by Camera Stations and/or Periodic Biological Monitor Visits

Path: P:\2011\60220713\06GIS\6.3_Layout\Bio\MCR\2014\02 - February\DKF Camera Complexes 2014\03\05.mxd, 3/5/2014, irelandm

ATTACHMENT 2

**SPECIES OBSERVED DURING FEBRUARY
SURVEYS AND MONITORING**

SPECIES OBSERVED DURING FEBRUARY SURVEYS AND MONITORING

Animals:

Black-tailed Jackrabbit
Desert Kit Fox

Birds:

American Kestrel
Brewer's Sparrow
Common Raven
Costa's Hummingbird
Ferruginous Hawk
Great Horned Owl
Grebe (species)
Green-winged Teal
Horned Lark
House Finch
Loggerhead Shrike
Mountain Bluebird
Northern Harrier
Prairie Falcon
Red-tailed Hawk

Rock Wren
Ruddy Duck
Sage Sparrow
Sage Thrasher
Say's Phoebe
Turkey Vulture
Vespert Sparrow

Western Grebe
Western Meadowlark
White-crowned Sparrow
White-throated Swift
White-winged Dove

Reptiles:

Desert Horned Lizard
Desert Iguana
Horned Lizard
Mojave Fringe-toed Lizard
Side-blotched Lizard
Sidewinder
Whiptail Lizard
Zebra-tailed Lizard

ATTACHMENT 3

DAILY BIOLOGICAL MONITORING LOGS

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/3/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 70 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
 0630-0745 monitored removal of temp DT fence at SW corner of unit 2
 0849-1030 inspected DT fence of unit 1
 1030-1100 inspected evap ponds
 1145-1510 conducted kit fox telemetry searches, downloaded wildlife camera cards

Monitor Checklist

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

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

Revegetation botanist on site conducting invasive plant removal along access road

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/4/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 35%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 55

Start Time: 10:30:00 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: 1030 and throughout day inspect access road. No mortality findings. 1100 inspect unit 1. No biological findings. 1400 meeting. 1445 office.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
Workspace limits verified and properly marked?	X			All construction activities inside 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		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		Reports of tailgating and weaving. To be reported to compliance.
Biological Issues	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
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			2 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Designated botanist crews onsite removing mustard from fence line and access road.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/4/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 69 Low Temp (°F): 44

Start Time: 6:00:00 AM Stop Time: 2:38:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0630-0900 conducted DT fence repairs
 0900-1000 inspected DT fence on one half of unit 2
 1015-1046 conducted kit fox search
 1115-1415 conducted DT search at power poles on CRS access road

Monitor Checklist

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

Additional Notes: Species observed;
 Loggerhead shrike
 Kestrel
 House finch
 Red tailed hawk
 Great horned owl

Revegetation botanists on site conducting invasive plant removal along access road and plant site perimeter.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/5/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 59

Start Time: 8:15:00 AM Stop Time: 4:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0815 inspect access road. No mortality findings. 0830 meeting. 1000 meeting. 1100 office. 1115 informed of spill unit 1 East terrace C row 22. 1130 investigate honey bees. Unit 2 west terrace b row 37. 1215 inspect evap ponds. No findings. 1230 office. 1600 inspect access road. No mortality 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			Picked up litter along access road.
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 within 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 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, RTHA, AMKE, says phoebe.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/5/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 70%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 50

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0630-0730 walked half of unit 2 DT fence inspection on outside
 0730-0800 inspected evap ponds
 0800-0825 picked up lath along access road
 0830-1300 walked inside perimeter fence of unit 1
 1300-1400 worked on DT fence repairs

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 east fence of unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Loggerhead shrike
 Kestrel
 House finch
 Red tailed hawk
 Rock wren
 Side blotched lizard
 Says phoebe

Revegetation botanists on site conducting invasive plant removal along access road and plant site perimeter.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/6/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 80%, Pcp: None
 High Temp (°F): 63 Low Temp (°F): 57

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 inspect access road throughout day. No mortality findings. 0900 inspect perimeter fence. Mark location of potential excluder locations. Noted areas of fox digs and prints. 1015 office. 1230 train operations gps usage. 1345 inspect evap ponds. No new findings. 1430 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			All activities inside fence.
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 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			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 activities inside fence
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 perched on buggies in common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/6/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 65 Low Temp (°F): 47

Start Time: 6:00:00 AM Stop Time: 12:00:00 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
 0630-0900 walked inside fence line of unit 2 DT fence inspection on inside
 0900-1000 searched for evidence of KF on inside
 1000-12000 worked on DT fence repairs

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 perimeter fence SW corner unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

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

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/10/2014

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 65 Low Temp (°F): 49

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0630-0930 walked unit 1 DT fence inspection
 0930-1000 checked evap ponds
 1000-1100 checked inside fence unit 1 and power block
 1100-1245 conducted DKF 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			2 ravens perched 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
 Kestrel
 Red tailed hawk
 Says phoebe
 Sage sparrow
 Prairie falcon
 Turkey vulture

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/11/2014

Monitor: Andrew Fisher
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 74 Low Temp (°F): 52

Start Time: 5:45:00 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: From 06:27-08:27 I conducted the monthly evaporation pond monitoring. One female ruddy duck was perched on top of the netting in the southwest corner of the southern evap pond. The two dead grebes that have previously been recorded are still hanging from the netting and there are several large holes in the top of the northern evap pond netting.

From 9:00-11:00 I walked the northern channel of unit 1 to look for burrowing owls and kit foxes-none were observed.

From 11:00-12:00 I conducted the mid-day evap pond monitoring. The female ruddy duck that was on the southern pond netting had walked to the edge of the netting and I carefully captured the duck and it was taken to rehab.

From 3:19-5:19 pm I conducted the evening evaporation pond monitoring. No birds were observed in the nets.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 CORA observed flying south towards common area in the NE corner of Unit 1. At 11:30 1 CORA observed flying southeast towards common area past the evap ponds.
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 2/11/2014

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

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0700-0800 conducted kit fox fence repairs in unit 1
 0630-0930 walked unit 2 DT fence inspection
 1200-1300 took waterfowl to Blythe wildlife rehabilitation center
 1300-1400 picked up stakes from T-line ROW

Monitor Checklist

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

Additional Notes: Species observed;
 Loggerhead shrike
 Kestrel
 Red tailed hawk
 Say's phoebe
 Green winged teal
 Ruddy duck
 House finch
 Rock wren
 Zebra tail lizard
 Side blotch lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/12/2014

Monitor: Andrew Fisher
 Weather Conditions: Partly Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 52

Start Time: 6:30:00 AM Stop Time: 2:33:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One:	Plant Site	Access Road	Gas Line	Transmission Line	Other (explain)
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Activity Log: 06:30-9:00 walked around unit 2 drainage channel and looked for potential burrowing owl and kit fox burrows. None observed and pulled out sahara mustard.

9:00-11:00 walk along access road and pulled out old wooden stakes and sahara mustard.

11:00-12:00 walked the HTF collector lines in unit 1 between the top two solar blocks looking for dead birds, or potential burrows. None were observed.

12:30-2:30 walked along southern part of transmission line by guard shack and removed old wooden stakes. Left the site at 2:30pm.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
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 <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/12/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 53

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
 0620-0700 checked evap ponds
 0700-1100 picked up lath along right of way access road
 1200-1400 picked up lath along transmission line right of way

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;
 Loggerhead shrike
 Kestrel
 Red tailed hawk
 Say's phoebe
 House finch
 Rock wren
 Zebra tail lizard
 Sidewinder

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/13/2014

Monitor: Andrew Fisher
 Weather Conditions: Partly Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 48

Start Time: 6:30:00 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: 6:30-7:45 I drafted the access road avian monitoring protocol for berm removal and the creation of the 3-foot road shoulder.

7:45-9:20 I drove the Unit 1 block 4 to look for avian mortalities and none were observed.

9:20-10:00 attempted unsuccessfully to remove a drowned unknown bird that resembled a white-throated swift from northern evap pond. Avian mortality log filled out.

From 10:00-12:00 I drove unit 1 block 3 to look for avian mortalities and none were observed.

From 12:00-2:30 I picked up lathe near the guard shack and then departed the site.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
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 <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/13/2014

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 52

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

Sites Monitored

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

Activity Log: 0600-0615 attended construction crew tailboard meeting
 0620-0645 checked evap ponds
 0645-0800 picked up lath along right of way access road
 0800-0830 checked assembly building for birds and bats
 0830-0900 checked evap pond for bird mortality
 0900-1000 fixed lath and flagging at guard shack
 10008-1400 picked up lath along transmission line right of way

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
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 <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 ravens on trash bin in common area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Kestrel
 Red tailed hawk
 Says phoebe
 Horned lark
 Rock wren
 Whiptail lizard
 Zebra tail lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/14/2014

Monitor: Andrew Fisher
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 54 Low Temp (°F): 48

Start Time: 6:21:00 AM Stop Time: 8:30:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: From 06:30-08:30 I drove Unit 1 block 5 looking for any dead birds and none were observed. I left the site thereafter.

Monitor Checklist

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

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/17/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 91 Low Temp (°F): 52

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

Sites Monitored

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

Activity Log: 0745 inspect access road. Removed litter. 0800 obtained pedestrian gate key from operations. 0815 inspect perimeter exclusion fence unit 2. 1030 inspect north unit 1. No findings. 1100 inspect evaporation ponds. Recover avian mortality, swift, reported 2/14. Appears to be white throated swift. 1300 office. 1445 inspect gates unit 1. Noted that locks in both units are not always able to be accessed from inside and outside gates.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			All activities inside 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	All activities inside perimeter 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			Both units inspected intact. Grates could use cleaning.
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. Common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: White-throated Swift

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/17/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 84 Low Temp (°F): 62

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

Sites Monitored

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

Activity Log: 0500-0900 drove to project site
 0915-1200 walked unit 1 for DT fence inspection
 1200-1420 inside unit 2 DT fence inspection, conducted fence repairs on DT fence as needed

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
 Red tailed hawk
 Kestrel
 House finch
 Western meadowlark
 Horned lark
 Zebra tail lizard
 Desert iguana

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/18/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 35%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 55

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

Sites Monitored

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

Activity Log: 0730 inspect access road. No mortality findings. Picked up litter, 0800 opened gates for sedimentation pond access. 0830 inspect for BUOW seen during fence removal surveys. GBOCG002. Owl not seen, limited old sign. No whitewash. 0930 inspect evap ponds. No findings. 1000 walk western boundary. Remove old lathe and inspect channel for sensitive species and nesting birds. Channel work 30 min. No sensitive species or avian findings. West of unit 1. Noted tamarisk 50+ at west bank. 1145 mirror field bird survey. Unit 2 block 5 and 10. Did not complete 10. No avian mortality findings. 1400 meeting. 1445 office.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
Workspace limits verified and properly marked?			X	All activities inside fence
All activities within approved workspace limits?			X	All activities inside fence
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. Windblown along unit 2 perimeter.
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 <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?			X	All activities 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			1: Foraging at buggies.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Desert Horned lizard, zebra-tailed lizard, HOLA, Ferruginous Hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/18/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 84 Low Temp (°F): 46

Start Time: 6:27:00 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: 0628-0700 cleared access road to plant site
 0700-0730 cleared assembly building for birds
 0800-0900 checked on burrow for potential BUOW use north of unit 2
 0900-1145 cleaned up lath west side unit 1 outside DT fence
 1145-1200 patched DT fence unit 2
 1200-1400 surveyed mirror arrays unit 2 for wildlife

1 hour for channel inspection
 Prior to application of herbicides

Monitor Checklist

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

Additional Notes: Species observed;
 Says phoebe
 Red tailed hawk
 Kestrel
 House finch
 Western meadowlark
 Horned lark
 Zebra tail lizard
 Desert iguana
 Prairie falcon
 Ferruginous hawk
 Horned lizard
 Horned lark

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/19/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 50

Start Time: 7:30:00 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: 0730 inspect access road. No mortality findings. 0745 unit 1 channel nesting bird and due diligence survey. No nesting birds or sensitive species found. 1 hour 45 minutes. 1000 meeting. 1200 mirror field survey, unit 2 . Complete block 10. 1250 bird wing located. Passerine. Unit 2 block 9 row 16. 1300 Bird wing (different) located unit 2 block 8 row 55. Unknown bird, larger than passerine. Phone call made to inform USFWS by biologist.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?			X	All activities inside 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	All activities inside fence.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 flying in common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Desert horned Lizard, rock wren

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/19/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 85%, Pcp: None
 High Temp (°F): 84 Low Temp (°F): 43

Start Time: 6:15:00 AM Stop Time: 2:50:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0628-0700 cleared access road to plant site
 0700-0735 checked evap pond
 0745- 1200 walked channel north side unit 1 side outside DT fence
 1200-1415 conducted wildlife searches of mirror fields
 1415-1445 collected wildlife camera cards

1.5 hour for channel inspection
 Prior to application of herbicides

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 of unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

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

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/20/2014

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 55

Start Time: 7:30:00 AM Stop Time: 1:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0730 inspect access road and area of blood spot near structure 39. No mortality findings. 0810 inspect unit 2 drainage channels for nesting birds and sensitive species. No nests, nesting birds or other sensitive species found. 1100 contact management regarding 2/25 herbicide spraying. Orient management to use of binoculars. 1130 office.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			All activities within 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		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	All activities within 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: 3 flying, 1 perched
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/20/2014

Monitor: Ron Walker
 Weather Conditions: Windy, Clouds: 5%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 52

Start Time: 6:30:00 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: 0630-0700 cleared access road
 0745-1015 cleared channel around unit 2
 1030-1100 pulled wildlife camera cards
 1100-1132 filled out USFWS data forms
 1200-1430 conducted wildlife search in 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			No work activities outside DT fence
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			4 ravens flying and perching on ground in common area of unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Says phoebe
 Rock wren

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/21/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 48

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0645-0700 checked evap ponds
 0710-0845 moved wildlife camera stations
 0900-1100 monitored unit 1 and inspected DT fence on 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			No work activities outside DT fence
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
 Prairie falcon
 Kestrel
 Loggerhead shrike
 Red tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/24/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 46

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0645-0700 checked evap ponds
 0730-0930 walked outside unit 2 for DT fence inspection
 1000-1100 checked on hydrant structure leaking water in unit 1 on northside of power block
 1130-1215 checked on hydraulic leak from backhoe working in assembly building
 1245-1400 checked equipment laydown area 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			No work activities outside DT fence
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 under mirrors on ground in block 4 unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Species observed;
 Says phoebe
 Sage sparrow
 Rock wren
 Kestrel
 Northern harrier
 Red tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/25/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 50%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 50

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

Sites Monitored

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

Activity Log: 0730 inspect access road. No mortality findings. 0800 safety and review weap protocols with spray crew, then monitor. No biological issues. 1400 meeting. Access road work, shoulder and reveg, to begin next week. 1530 survey access roads.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			Channel herbicide application. Other activities inside 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		Removed 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		To be reported to compliance.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Channel Herbicide application
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: Black tailed jack rabbit

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/25/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 80%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 47

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0800 cleared area ahead of herbicide application in NW channel of unit 1
 0830-1218 conducted kit fox searches and downloaded wildlife camera cards
 1230-1433 walked unit 1 for DT fence inspection
 1530-1800 surveyed access road prior to road shoulder work

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			No work activities outside DT fence
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
 Sage sparrow
 Rock wren
 Kestrel
 Northern harrier
 Red tailed hawk
 Prairie falcon

2 hours for channel surveys
 3 hours for access road surveys

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/26/2014

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 66

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

Sites Monitored

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

Activity Log: 0730 inspect access road. No mortality findings. 0800 meeting and access road shoulder walk thru. 1000 meeting. 1100 survey north side of access road transects. 1700 office. 1800 investigate grebe in netting of south evaporation pond. Grebe still there possibly entangled. Will check in morning.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Picked up litter.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?	X			Channel herbicide spray
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: Mftl, desert iguana, black tailed jack rabbit, desert horned lizard.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/26/2014

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 55

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

Sites Monitored

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

Activity Log: 0600-0630 cleared access road
 0630-0800 cleared area ahead of herbicide application in NW channel of unit 1
 0830-0900 checked evap ponds
 0900-0940 inspected unit 2 DT fence
 1330-1539 surveyed access road prior to road shoulder work
 1539-1630 checked evap ponds

Monitor Checklist

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

Additional Notes: Species observed;
 Sage sparrow
 Rock wren
 Kestrel
 Red tailed hawk
 Fringe toed lizard
 Whiptail lizard
 Desert iguana
 White winged dove
 Western grebe

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/27/2014

Monitor: Andrew Fisher
 Weather Conditions: Windy, Clouds: 25%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 57

Start Time: 6:27:00 AM Stop Time: 4:55:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: From 06:30-12:45 I conducted a nesting bird survey along the main access road and a 500-foot buffer. Only habitats and vegetation with a potential to support nesting birds at this time of year were searched. One active loggerhead shrike nest was found and labeled GNEAF01. Other birds seen include: sage thrasher, mountain bluebird, sage sparrow, Brewers sparrow, vespet sparrow, white-crowned sparrow, Costas hummingbird, turkey vulture, American kestrel, horned lark, western meadowlark, and common raven. Upon arrive at the Arizona crossing a raven was observed flying toward the south along the H-frame powerline with a stick in its beak, presumably carrying it to a nest location.

From 1:00-5:00 pm walked along the south side of the access road from the plant site to the guard shack and looked for nesting birds, burrowing owls and potential fox dens.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
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 <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.	X			N/A
Common Ravens Present? If yes, note number and activity.	X			A pair of ravens was observed several times along the south part of the access road near the Arizona crossing carrying sticks.
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 2/27/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 40%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 57

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

Sites Monitored

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

Activity Log: 0630 arrived. 0700 meeting with contract lead to orient self with work OTF. (Main gate install). 0730 survey southside of access road between plant site. 1700 office.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?			X	N/A
Only approved access roads utilized for ingress and egress?			X	N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?			X	N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?			X	N/A
Speed limit observed by all project personnel?		X		Will report to compliance
Biological Issues	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
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			Shrike nest found during surveys.
Common Ravens Present? If yes, note number and activity.	X			1 foraging
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: TUVU, northern harrier. DKF observed on site in morning NW of pb2 near header pipes.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/27/2014

Monitor: Matt Kedziora
 Weather Conditions: Partly Sunny, Clouds: 40%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 60

Start Time: 7:00:00 AM Stop Time: 4:55:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: Tailboard with Eric 0700-0730

 0730-
 WBO transects on access roads (south side) all day at 20m widths; 15.6 miles walked each

 End 1700

Monitor Checklist

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

Additional Notes: Species- TUVU, brew spar, hola, western meadow lark, AMKE, harrier hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/27/2014

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 35%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 56

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: 0600-0630 checked evap ponds
 0630-0730 cleared channel area unit 2 prior to spraying
 0800-0900 searched for kit fox unit 2 power block area
 0930-1400 conducted access road surveys
 1400-1230 checked evap ponds and herbicide application
 1500-1730 checked potential burrows for wildlife occupancy

 1330-1539 surveyed access road prior to road shoulder work

Monitor Checklist

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

Additional Notes: Species observed;
 Sage sparrow
 Rock wren
 Kestrel
 Blue bird
 Fringe toed lizard
 Whiptail lizard
 Desert iguana
 Desert kit fox
 Loggerhead shrike

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/28/2014

Monitor: Andrew Fisher
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 66

Start Time: 6:15:00 AM Stop Time: 10:53:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:20-9:30 I surveyed for nesting birds along the access road and none were found.

 09:30-10:30 I surveyed for nesting birds, kit fox, and burrowing owls around the guard shack and Arizona crossing out to 500-feet. No new or active burrows were observed.

Monitor Checklist

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

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/28/2014

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 80%, Pcp: None
 High Temp (°F): 82 Low Temp (°F): 60

Start Time: 6:30:00 AM Stop Time: 1:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0630 safety and meet with bios. 0645 survey transects north side of access road. No sensitive species observed. 1315 offsite.

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?			X	Construction activities inside fence.
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 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			Observed vehicles.
Biological Issues	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Report that DKF observed prior day NW pb2 area has been seen there on other occasions.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/28/2014

Monitor: Matt Kedziora
 Weather Conditions: Cloudy, Clouds: 95%, Pcp: None
 High Temp (°F): 79 Low Temp (°F): 60

Start Time: 6:30:00 AM Stop Time: 11:38:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0630-0730 tailboard

 0700- WBO burrow survey north side of access road, 20m transects
 1200- end transects

Monitor Checklist

General	Yes	No	N/A	Comments <small>Attach Supplemental Report if needed</small>
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 <small>Attach Supplemental Report if needed</small>
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.			X	N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1- north side of AR, flying
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: Species- AMKE, TUVU, west bluebird, HOLA, zebra lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 2/28/2014

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 65

Start Time: 6:00:00 AM Stop Time: 2:08:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0630 checked in with vegetation management staff
 0645-0715 cleared SW corner of Unit 2 for placement of generator
 0740-0930 conducted surveys for wildlife occupancy of mammal burrows along access road
 1000-1408 walked transects along northside of access road

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Areas cleared prior to application of herbicides
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
 Kestrel
 Blue bird
 Fringe toed lizard
 Whiptail lizard
 Desert kit fox
 Loggerhead shrike
 Prairie falcon
 Northern flicker
 Turkey vulture

ATTACHMENT 4

SURVEY DATA FORMS

Evaporation Pond Monitoring Form

GENESIS SOLAR ENERGY PROJECT
MONTHLY EVAPORATION POND MONITORING (BIO-21)

Date	2-11-2014	Biomonitor	Andrew Fisher
Sunrise Time	06:27 AM	Sunset Time	5:19 PM

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

DAWN SURVEY (two hours after sunrise)

Start Time	End Time
06:27 AM	08:27 AM

1. Netted ponds effective in excluding birds? Yes No

Comments for #1: 1 ♀ Ruddy duck on the Southern pond in SW corner
Flock of 15 Green-wing teal flew past, tried to land & were scared off

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

Comments for #2: 1 Say's Phoebe hanging around Southern Ponds.

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

Comments for #3: Several large holes in top of Northern's pond netting.

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: Grebe still present on ~~both~~ Southern & Northern ponds in netting, previously recorded. NO NEW DEAD BIRDS

MIDDAY SURVEY (i.e. 1100 to 1300)

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

1. Netted ponds effective in excluding birds? Yes No

Comments for #1: The ♀ Ruddy Duck was safely removed from the top of Pond & taken to Rehab.

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

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

Comments for #2:

DUSK SURVEY (two hours preceding sunset)

Start Time	End Time
3:19 PM	5:19 PM

1. Netted ponds effective in excluding birds? Yes No

Comments for #1: 1 Rock Wren perched on top of pole in SW corner of Northern pond. No other birds observed.

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

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

Comments for #2:

Common Raven Fixed Point Survey Data Table

**Genesis Solar Energy Project
Eastern Riverside County, California**

Common Raven Fixed Point Observation Data Sheet

Date (mm/dd/yyyy) 2-20-14 Observer (init.) DWP/cmc Start Time 1700 End Time 1720 Obs Pt. 1

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

Wind Direction from (circle one): Calm N NE E SE S SW W NW Variable 5 mph Speed: Low _____ High _____ (km/h)

Precipitation (circle one): none light rain rain snow sleet hail fog other Temp: 73 (°F) Cloud Cover: 90 %

Obs #	Time	Sex	Age	# of birds	Activity (circle 1 st , X others)		Flight Dir (to)	Horizontal Distance (m)		Habitat Type/ Perch Structure	Aud?	Vis?	Notes
					WA	PE		1 st	closest				
1					WA	PE							No CORA observed.
					FL	OT							
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 (mm/dd/yy) 2-20-14 Observer (init.) DWP/Cmc Start Time 1505 End Time 1520 Obs Pt. 2

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

Wind Direction from (circle one): Calm N NE E SE S SW W NW Variable 5 mph Speed: Low _____ High _____ (km/h)

Precipitation (circle one): (none) light rain rain snow sleet hail fog other Temp: 75 (°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
					WA	PE		1st	closest				
1					WA	PE							No Cora Observed.
					FL	OT							
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 (m/d/yyyy) 2-20-14

Observer (init.) DWP/cmc

Start Time 1322

End Time 1338

Obs Pt 3

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 57 High _____ (km/h)

Precipitation (circle one): none light rain rain snow sleet hail fog other

Temp: 70 (°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
					WA	PE		1st	closest				
1					WA	PE							No CORA observed.
					FL	OT							
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 (mm/dd/yy) 2-20-14 Observer (init.) DWP/CMC Start Time 1343 End Time 1400 Obs Pt. 4
 Visibility: Clear or Min _____ Max _____ (m) Page _____ of _____
 Wind Direction from (circle one): Calm N NE E SE S SW W/NW Variable 5 mph Speed: Low _____ High _____ (km/h)
 Precipitation (circle one): none light rain rain snow sleet hail fog other Temp: 10 (°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
					WA	PE		FL	OT				
1					WA	PE							No CORA observed.
					FL	OT							
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 (mm/dd/yyyy) 2-20-14 Observer (init.) DWP/Amc Start Time 1435 End Time 1450 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 5 Speed: Low _____ High _____ (km/h)

Precipitation (circle one): none light rain rain snow sleet hail fog other Temp: 75 (°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
					WA	PE		1st	closest				
1					WA	PE							
					FL	OT							
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 (mm/dd/yy) 2/20/14 Observer (init.) _____ Start Time 1530 End Time 1550 Obs Pt 6

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

Wind Direction from (circle one): Calm N NE E SE S SW W NW Variable 5 Speed: Low _____ High _____ (km/h)

Precipitation (circle one): none light rain rain snow sleet hail fog other Temp: 75 (°F) Cloud Cover: 90 %

Obs #	Time	Sex	Age	# of birds	Activity (circle 1 st , X others)		Flight Dir (to)	Horizontal Distance (m)		Habitat Type/ Perch Structure	Aud?	Vis?	Notes
					WA	PE		1 st	closest				
1					WA	PE							No CORA observed.
					FL	OT							
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 (m/d/yyyy) 2-20-14 Observer (init.) DWD/CMC Start Time 1615 End Time 1635 Obs Pt. 7

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

Wind Direction from (circle one): Calm N NE E SE S SW W NW Variable 5 Speed: Low _____ High _____ (km/h)

Precipitation (circle one): none light rain rain snow sleet hail fog other Temp: 75 (°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
					WA	PE		1st	closest				
1					WA	PE							No CORA observed.
					FL	OT							
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

Avian Reporting Data Table and Reporting Data Forms

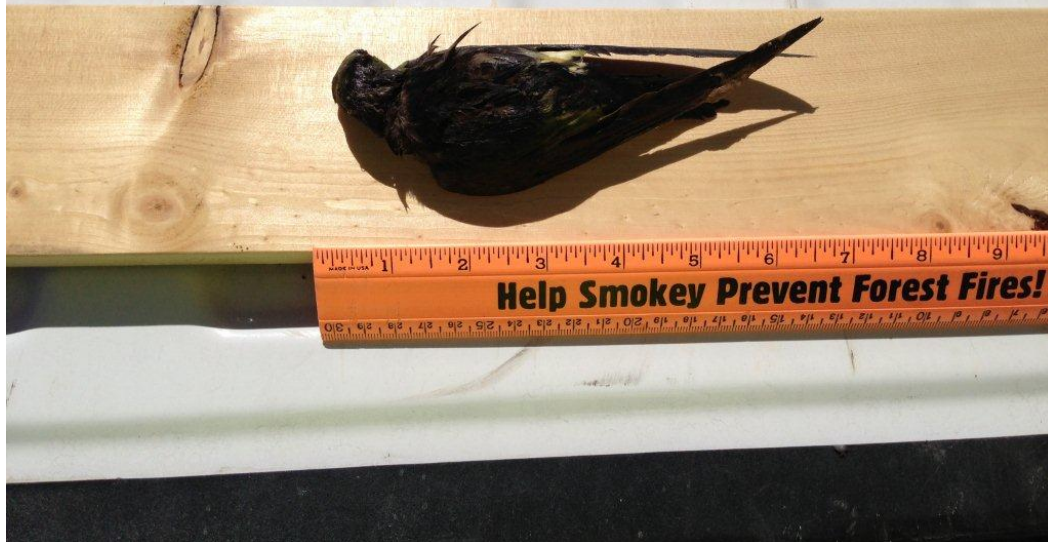
Specimen Collection Information

Report Year (yyyy) *	Project Proponent *	Project Name *	Project Type *	Salvage Permit # (if applicable)*	Eagle Permit # (if applicable)*	Specimen Number *	<p style="color: red; font-size: small;">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 your</p> <p style="color: red; font-size: small;">SPECIES COMMON NAME SEARCH BOX:</p> <input style="width: 100%; height: 20px;" type="text"/>	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	Ruddy Duck	Oxyura jamaicensis	Rudu	1	Adult	Female	Incidental	2/11/2014	Andrew Fisher	2/11/2014
2014	NextEra Energy Resources	Genesis Solar Energy Project	Solar Energy	N/A	N/A	N/A	White-Throated Swift	Aeronautes saxatalis	WTSW	1	Unknown	Unknown	Incidental	2/13/2014	Ron Walker	2/17/2014
2014	NextEra Energy Resources	Genesis Solar Energy Project	Solar Energy	N/A	N/A	N/A	Unknown	Unknown	Unknown	1	Unknown	Unknown	Carcass Survey	2/19/2014	Ron Walker	2/19/2014
2014	NextEra Energy Resources	Genesis Solar Energy Project	Solar Energy	N/A	N/A	N/A	Unknown	Unknown	Unknown	1	Unknown	Unknown	Carcass Survey	2/19/2014	Eric German	2/19/2014
0	0	0	0	0	0				#N/A							
0	0	0	0	0	0				#N/A							
0	0	0	0	0	0				#N/A							
0	0	0	0	0	0				#N/A							

Date & Time: Mon Feb 17 11:40:22 PST 2014
Position: 11 N 685604 3727475
Altitude: 397ft
Azimuth/Bearing: 218° S38W 3878mils (True)
Elevation Angle: -77.9°
Horizon Angle: +36.3°
Zoom: 1X
avian mortality north evap pond reported 2/14/14



Date & Time: Mon Feb 17 11:40:44 PST 2014
Position: 11 N 685604 3727475
Altitude: 398ft
Azimuth/Bearing: 326° N34W 5798mils (True)
Elevation Angle: -83.8°
Horizon Angle: +56.5°
Zoom: 1X
avian mortality north evap pond reported 2/14/14



Date & Time: Mon Feb 17 11:41:40 PST 2014
Position: 11 N 685602 3727473
Altitude: 402ft
Azimuth/Bearing: 283° N77W 5031mils (True)
Elevation Angle: -73.8°
Horizon Angle: +44.5°
Zoom: 1X
avian mortality north evap pond reported 2/14/



Date & Time: Mon Feb 17 11:42:31 PST 2014
Position: 11 N 685604 3727474
Altitude: 402ft
Azimuth/Bearing: 257° S77W 4589mils (True)
Elevation Angle: -78.0°
Horizon Angle: +30.2°
Zoom: 1X
avian mortality north evap pond reported 2/14/



ATTACHMENT 5
CORRESPONDENCE

Not Applicable for February Monthly Compliance Report

Appendix C

Haz-6

Worker Environmental Awareness Program Training

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications

CBO Matrix February 2014

Submittal	Returned
STRUC-1-134.0 - PDC 2A Structural Calculations - PC4	2/5/2014
STRUC-1-313.0 - Meteorological Monitoring System - PC3	2/3/2015

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

MCR for Cultural Resources

CUL-7: Worker Environmental Awareness Program (WEAP)

Requirement: Submit past 30 days of training records

Workers Environmental Awareness Program

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

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

There were no compliance issues this month.

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

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

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

February 2014		
Date	Number of Cultural Resource Monitors	Number of Native American Monitors
2/7/2014	1	1
Number of Isolate Forms submitted- 0		
Number of Site Update Forms submitted- 0		
Number of Monitoring Logs submitted - 1		

Construction activities were monitored in portions of Unit 1, and the common areas. Construction activities monitored included excavation, and backfilling. Zero artifacts were found during the month of February.

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:

12,201	Man hours logged in February
36,755	Man hours logged during 2014
3,816,011	Job total man-hours

Project total RIR	0.73
2014 RIR	0
Project LTIR	0

There were no significant injuries in February.

1156 days without a lost time injury.

- Contractor Safety Audits were completed and actions taken to correct deficiencies.
- 3rd party audits continued from Bureau Veritas weekly.
- 21 Safety Orientations/WEAP training for the month.



Make the **RIGHT** Choice

February 3, 2014

Hearing Loss Prevention

Work-related hearing loss continues to be a critical workplace safety and health issue. Noise induced hearing loss is 100 percent preventable but once acquired, hearing loss is permanent and irreversible. Therefore, prevention measures must be taken by employers and workers to ensure the protection of workers' hearing.

Approximately 30 million workers are exposed to hazardous noise on the job. Noise induced hearing loss is one of the most common occupational diseases and the second most self-reported occupational illness or injury.

Industry specific studies reveal:

- 44% of carpenters reported that they had a perceived hearing loss.
- 49% of male construction workers have a hearing impairment by age 50 (vs. 9% of the general population) rising to 70% by age 60.

While any worker can be at risk for noise induced hearing loss in the workplace, workers in many industries have higher exposures to dangerous levels of noise. Industries with high numbers of exposed workers include: agriculture, mining, construction, manufacturing, utilities, transportation and military.

Prevention

Removing hazardous noise from the workplace through engineering controls (e.g. installing a muffler or building an acoustic barrier) is the most effective way to prevent noise-induced hearing loss. Hearing protectors such as ear plugs and ear muffs should be used when it is not feasible to otherwise reduce noise to a safe level. NIOSH recommends hearing loss prevention programs for all workplaces with hazardous levels of noise. These programs should include noise assessments, engineering controls, audiometric monitoring of workers' hearing, appropriate use of hearing protectors, worker education, record keeping and program evaluation.

- Know your hazard. Whenever possible, measure the noise levels in your environment on a frequent basis to determine exactly what the hazards are.
- Trust the annual audiogram. Rely on this information to gauge any hearing loss from year to year.
- Select hearing protection that is right for you, that is comfortable for you and that you will wear.
- Wear your hearing protection right. Each type of hearing protector is slightly different. The important thing to remember is that you need to insert ear plugs correctly, or ear muffs completely over the ears. Then, you must always test the fit.
- To test the fit, cup your hands over your ears, then release. If you can hear a difference, you may not be wearing your hearing protector correctly. Remove and then fit again.



Make the RIGHT Choice

February 10, 2014

Ladder Safety

Injury statistics show that the use of ladders presents many hazards. Each year there are more than 164,000 emergency room treated injuries in the U.S. relating to ladders. These injuries frequently cause permanent disability.

Hazards

The hazards associated with ladders include:

- falls from ladders
- struck by falling ladders
- struck by materials falling from ladders
- tripping over ladders (erect or lying on floor)
- lifting heavy ladders
- striking persons or objects when carrying ladders
- contact with electrical equipment

Straight Ladders

- Use the right ladder for the job.
- Inspect the ladder before and after use.
- Tag and remove defective ladders for repair.
- Get help when moving heavy or long ladders.
- Make sure that your boots are safe. If they are wet or muddy, you could slip.
- Put the ladder up correctly. Follow the “4 to 1” rule: One foot back for each four feet up. When you set up the ladder, count the number of rungs up to the point where the ladder touches the wall. The bottom of the ladder must be one rung’s length out from the wall for every four rungs up the wall.
- Secure the top of the ladder, as needed.
- Near doorways, aisles or where there may be the danger of traffic post a warning sign.
- Secure the top and bottom of a ladder when using it to access a platform or scaffold.
- Face the ladder when ascending or descending.
- Maintain 3 points of contact.
- Hoist materials or attach them to a belt. Do not carry materials in your hands.
- Make sure that only one person at a time is on the ladder.
- Don’t stretch or reach beyond the side rails of a ladder. You could lose your balance.

Controls

Establish a program for regular use and maintenance of ladders:

- establish safe practices for the use of ladders and make sure they are followed
- inspecting for common defects such as broken rungs, split side rails, worn or broken safety feet and oil or grease
- destroying ladders that cannot be safely repaired
- prohibiting repairs which include tying or binding with wire
- prohibiting the painting of ladders, as this can hide cracks or other weak points

Stepladders

- Many of the rules for straight ladders apply to stepladders as well.
- Never use a step ladder as a straight ladder.
- Lock the stepladder – spread the legs to their limit and ensure the braces are locked.

Training

Your employee training program should include the following:

- choosing the right ladder for the job
- assessing the area where the ladder will be used, the condition of the floor or ground
- how to level
- inspecting for defects
- using ladders safely
- dangers of overreaching
- awareness of unsafe practices such as:
 - setting ladder on boxes, steps, etc.
 - climbing with wet or greasy boots
 - removing the safety feet
 - leaning the ladder against unstable support

Use the safe practices in this guideline to supplement your training.



Make the RIGHT Choice

February 17, 2014

Recognizing Unsafe Conditions

Recognizing unsafe conditions or hazards in the workplace is not just a safety managers' responsibility. It is everyone's responsibility to identify hazards and make suggestions on how to fix the problem; from the most junior employee to the company president.

Causes of unsafe conditions or actions:

Poor housekeeping

- Practice good housekeeping not just at ground level but also at heights.

Confused material storage

- Keep materials neat and orderly. This will eliminate handling material multiple times, increasing the likelihood of an incident.

Careless handling of materials

- Never take shortcuts while handling materials.
- Always practice proper rigging techniques.
- During material transportation use cribbing and binders rated for the intended load.
- Be conscientious of your body position during offloading and erection, remember to stay out of the line of fire.

Improper or defective tools

- Only use tools in a manner recommended by the manufacturer.
- Always do a pre-use inspection prior to using any tools.
- Defective tools should be tagged out of service.

Failure to install warning systems

- Maintain barricades per site barricading procedures.
- When installing guardrails to function as fall protection ensure that they are in compliance with CalOSHA regulations.

Lack of or failure to wear proper personal protection equipment

- Hard hat, safety glasses and a high visibility vest are required at all times while onsite.
- Wear other PPE as required by the task or conditions present.
- Always wear the correct type of glove when you are at risk of a hand injury.

Weather

- Expect temperatures warmer temperatures
- Determine and observe both company and manufacturers' requirements while working with equipment in windy conditions.

Worker not dressing for the job to be done

- Wear long sleeves and FR clothing as required.

Failure to follow instructions

- If there is any uncertainty or questions that may arise while completing a task ask a peer or supervisor for insight.

Steps to take once an unsafe condition is found:

- If possible, correct the condition yourself immediately.
- Report any major unsafe condition or action to the appropriate company authority.
- Follow-up – report the condition again if it is not corrected

There are three steps to follow in recognizing unsafe conditions. Look for trouble (the unsafe condition), report it and act to prevent it from happening again.



Make the RIGHT Choice

February 24, 2014

Eye Safety

According to the National Institute of Occupational Safety and Health (NIOSH), over 2000 eye injuries happen to workers in the United States every day. Unfortunately, many of these eye injuries occur in the construction industry. Most of these injuries are classified as minor and can be corrected with basic first-aid. However, even “minor” eye injuries can cause life-long vision problems and suffering. Simply getting a small amount of sawdust, cement or drywall in the eye can lead to a scratched cornea which can lead to a series of very painful and long-term problems. Our eyes are a precious commodity. On the jobsite there are many operations that we perform which create hazards that can lead to an eye injury.

Operations that have been known to result in an eye injury are:

- Dusty or windy conditions could lead to particles in the eye.
- Hammering, grinding, sanding and masonry work could produce particles.
- Handling chemicals could lead to splashes in the eye.
- Wet or powdered cement could cause a chemical burn to the eye.
- Welding could lead to exposure to arcs and flashes (intense UV radiation).

Eye injuries can result from simply passing through an area where work is being performed. There are many steps that can be taken in our industry to protect one's eyes. The first is to assess work areas for potential accidents that can be caused by foreign matters getting into the eyes. The second is to have a good, sound approach to eliminate or control the hazard. Then as a last resort, provide protection from the hazard.

Below are prevention strategies to consider:

- Use engineering controls (best) such as machine guards that prevent the escape of particles or welding curtains for arc flash protection.
 - Use administrative controls (good) such as making certain areas “off limits” unless that is your assigned area or putting passage ways out of active work zones.
 - Use the proper protective eyewear (required, but doesn't remove all risk).
- ⇒ The Genesis site requires eye protection meeting ANSI Z87.1. Prescription glasses, meeting the ANSI standard, must have side shields. Chipping, grinding, cutting, bushing etc. requires safety glasses as well as a face shield.

Eye injuries on the jobsite are preventable. When it comes to our safety, we can never take it for granted. We should never agree that injuries on the jobsite are inevitable. Eye hazards, like all other hazards, need to be assessed and determinations made to correct or avoid the hazard. We should all take a moment to look around our jobsite to ensure that safety precautions are being taken to prevent injuries from happening.