

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

Genesis Solar, LLC

**Monthly Compliance Report #27
January 2013**

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

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

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

- Continued New Employee site specific Safety Training and Worker's Environmental Awareness Training.
- Water Treatment Building was completed.
- Admin Building punch-list and closeout is ongoing.
- Delivery and installation of the T-Line poles on the access road commenced.
- Construction of the STG Lube Oil, and Ullage Foundations were completed.
- Punch-list of the wind fence fence in Unit 1 and Unit 2 continues.
- Work continues on the Feed Water Structures.
- North Evaporation Pond was completed.
- Pneumatic testing continues in Unit 2.

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

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

Date	To	Condition	Subject
1/23/2013	CEC	BIO-19	As built drawings for the North Evaporation Pond

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

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

AQ-SC1: Air Quality Construction Mitigation Manager

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

No new applications were submitted in January 2013.

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

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

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

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

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

- No vehicle shall exceed 10 mile per hour on unpaved areas within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads as long as such speeds do not create visible dust emissions.
- Speed limit signs are posted at the lay-down areas and along the access roads for the full length of the project. Dusk and dawn speed limit signs annotating the 35 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 and 35 mph posted for the night hours. The times are based upon the published civil twilight hours.
- As per AQ-SC3 all soil piles have been treated with water and/or tackifier to reduce dust plumes during windy conditions.
- All roads have had water applied to them regularly to reduce dust plumes from moving vehicles.
- Areas where dirt roads intersect asphalt roads have had a 20' X 50' rock pad installed to reduce tracking onto the road.
- A track out, on the entrance to the public road, has been installed to reduce any track out.
- All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.
- No diesel equipment has been allowed to idle in excess of 5 minutes.

AQ-SC4: Dust Plume Response Requirement

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

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

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

AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting

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

See Appendix A

BIO-2: Designated Biologist

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

See Appendix B.

BIO-4: Biological Monitors

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

See Appendix B.

BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan

And

BIO-8: Impact Avoidance and Minimization Measures

Requirement: Submit compliance documentation for implementation of BRMIMP measures.

See Appendix B

BIO-9: Desert Tortoise Clearance Surveys and Fencing

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

See Appendix B

BIO-11: Desert Tortoise Compliance Verification

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

See Appendix B.

BIO-13: Monthly Raven Observation

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

Included in Appendix B

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

See Appendix B.

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

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

See Appendix B

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

Requirement: Submit burrowing owl mitigation compliance documentation.

See Appendix B.

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

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

See Appendix B

BIO-22: Mitigation for Impacts to State Waters

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

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

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

Requirement: Submit the past Month of training records.

During January, the total number of personnel who received the Construction Worker Environmental Awareness Training was 126. The number of personnel who have received the training to date is 3070. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Appendix C.

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

No NCR's issued in the month of January.

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

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

CUL-13: Flag and Avoid

Requirement: Submit compliance documentation regarding flagging inspections.

Exclusion zones associated with cultural resource locations have been re-flagged as necessary and are inspected regularly for integrity.

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

Requirement: Submit documentation regarding compliance with DESCP.

Repair and completion of all channels continue.

TRANS-2: Vehicle Weight Limits

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

No permits received for the month of January

See Appendix G

TRANS-3: Public ROW Encroachment

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

On January 23, 2013 GSEP received an approval from the BLM for the amended ROW of the transmission line.

TRANS-4: Hazmat Transport Permits/Licenses

Requirement: Report hazardous material transport permits received.

Earliest delivery anticipated May 2013

WASTE-6: Hazardous Waste Generator Identification Number

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

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

WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment

Requirement: Submit compliance documentation and inspection approvals.

There were 3 first aids and 3 recordable injuries in the month of January.

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

Weekly bulletins are enclosed in Appendix F.

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

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

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

GEN-3: CBO Payments

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

1 invoice for \$ \$263,584.53 was paid to the CBO, during the month of January.

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

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

2 Inspectors were approved and submitted in the month of January; Jim Chamber and Monica Hernandez.

See Appendix D

GEN-7: Facility Design Discrepancy Documentation

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

No discrepancies reported for the Month of January.

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

Requirement: Submit a copy of statement of work completed.

See Appendix D

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

Requirement: Submit a copy of CBO approval.

See Appendix D

CIVIL-3: CBO Inspection of 2007 CBC Compliance

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

None received in the month of January.

See Appendix D

CIVIL-4: Final Grading Plans - CBO Submittal

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

See Appendix D

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

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

See Appendix D

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

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

See Appendix D

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

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

See Appendix D

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

Requirement: Submit a copy of transmittal letter to CBO.

See Appendix D

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

Requirement: Submit a copy of CBO inspection approvals.

See Appendix D

ELEC-1: CBO Submittal - Electrical Equipment and Systems

Requirement: Submit:

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

See Appendix D

PAL-5: PRS Monitoring and Stop Work Authority

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

See Appendix E

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

Requirement: Submit schedule updates.

See Appendix D

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

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

See Appendix D

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

See Appendix D

COMPLIANCE-5 - Compliance Matrix

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

The Compliance Matrix is enclosed

COMPLIANCE-6 – Monthly Compliance Report

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

See Appendix G

COMPLIANCE-13 – Post Certification Amendments

No Amendments submitted/approved for the month of January.

Compliance Matrix

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
x			AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	Assign Air Quality Construction Mitigation Manager	ECM	> 30d pt gd		12/17/10	11/16/2010 1/13/11	Approved 12/2/2010
	x		AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	AQCOMM remain onsite to monitor construction activities	ECM	Ongoing				
x			AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	Prepare Air Quality Construction Mitigation Plan (AQCMP)	ECM	> 30d pt gd		12/17/10	23-Nov-10	Approved 12/2/2010
	x		AQ-SC7	Dust Control Plan - Construction	Submit Operations Dust Control Plan.	Operations	> 30d pt operation		10/01/13		CEC Approved 110110
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
	x		AQ-34	NSPS Compliance -341 HP generators	Submit the engine specifications regarding NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase		06/30/11		
	x		AQ-41	NSPS Compliance - 315 HP fire pump engines	Submit the engine specifications demonstrating compliance with NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase		06/30/11		
x			BIO-1	Designated Biologist - staff assignment	Assign Designated Biologist	AECOM	> 30d pt gd		12/17/10	9/27/2010 2/18/11	Approved /German
x	x		BIO-2	Designated Biologist - responsibilities	Des Bio Pre-con: Consult on the preparation of the BRMIMP; Oversee survey efforts for sensitive bio resources; Mark sensitive biological resource areas and inspect regularly;	AECOM			n/a	n/a	n/a
x			BIO-3	Biological Monitors - Staff assignment	Assign Bio Monitors and submit training verification	AECOM	> 30d pt gd		12/17/10	10-Dec-10	Approved (various dates)
x			BIO-6	Worker Environmental Awareness Program (WEAP)	Prepare and Submit WEAP (including trainer resume)	AECOM/Thomas	> 30d pt gd		12/17/10	3-Dec-10	Comments received 12/08/10
x			BIO-6	Worker Environmental Awareness Program (WEAP)	Submit Final WEAP.	Tetra Tech	> 10d pt gd		01/06/11	1/4/2011 1/14/11	Approved 1/14/11
x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit Draft BRMIMP	Tetra Tech	> 30d pt site mobilization		12/17/10	23-Nov-10	comments received 12/21/10
x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit final BRMIMP.	Tetra Tech	> 7d pt gd		01/09/11	1/5/2011 1/11/11	Approved 1/12/11
x	x		BIO-8	Impact Avoidance and Minimization Measures	If an active bird nest is detected, submit Nesting Bird Monitoring and Management Plan	Tetra Tech	< 7d pt noisy construction in nesting habitat		01/10/11	1/25/2011 2/25/11	3/14/2011
	x		BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE II	Fluor	pt construction		04/25/11	completed	completed
x			BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE I	Fluor	pt construction		01/10/11	completed	completed
x			BIO-8	Impact Avoidance and Minimization Measures	Designated Biologist must monitor ground disturbing activities prior to pre-construction site mobilization.	Tetra Tech / Fluor	pt site mobilization		01/16/11	completed	
	x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. Ph I	Tetra Tech	< 30d after survey complete		02/17/11	2/25/2011 3/28/11	Comments received 3/14/11
	x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. P II	Tetra Tech	< 30d after survey complete		05/15/11		
	x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	If tortoises were relocated during fence installation, inspect fences at least two times a day for the first 7 days.	Tetra Tech	Monthly		Monthly		N/A
x			BIO-9	Desert Tortoise Clearance Surveys and Fencing	Install exclusion (supervised by Des. Bio or Monitors) fencing PT site clearing and grubbing.	Fluor	pt clearing and grading		01/18/11	completed	CEC approval 4/15/11
x			BIO-10	Desert Tortoise Translocation Plan	Submit final version of Desert Tortoise Translocation Plan.	Tetra Tech	< 30d pt site mobilization		12/17/10	11/29/10, resubmitted 12/28/10 resub 1/7/11 1/10/11 2/8/11	Approved 1/10/11
x			BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph I	Tetra Tech	> 14d pt gd		01/02/11	3-Jan-11	NA
	x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit an Acquisition Proposal compensation lands.	Tetra Tech	< 12m after start of construction		01/12/12		
	x		BIO-12	Desert Tortoise Compensatory Mitigation	Fund activities for Des Tort compensation. Submit verification of funding to CPM.	NextEra	< 60d CPM determining requirements				
	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				
	x		BIO-12	Desert Tortoise Compensatory Mitigation	If delegated to third party, complete acquisition within 18 months of gd activities.	NextEra	< 18m after start of gd		07/09/12		
	x		BIO-12	Desert Tortoise Compensatory Mitigation	If mitigation is not completed 30d pt gd, post security for funding.	NextEra	> 30d pt gd		04/01/11		
x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement.	Tetra Tech	> 30d pt gd		12/17/10	3-Jan-10	NA
x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement. Phase II	Tetra Tech	> 30d pt gd		04/02/11		

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	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
x	x		BIO-12	Desert Tortoise Compensatory Mitigation	Fund <u>long-term maintenance and management</u> activities of the compensation lands. Submit verification of funding.	NextEra	< 30d after CPM approval				Wildlands Approved 10/11/11
	x		BIO-12	Desert Tortoise Compensatory Mitigation	Acquire and transfer fee title to the compensation lands, a conservation easement over the lands, or both.	Fluor			11/01/11	Complete	Complete
	x		BIO-12	Desert Tortoise Compensatory Mitigation	Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).	Fluor			11/01/11	Complete	Complete
	x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Management Plan for Compensation Lands.	Fluor	< 180d after acquisition		11/01/11	Complete	Complete
x			BIO-13	Raven Management Plan	Submit final Raven Management Plan.	Tetra Tech	> 30d pt construction		12/17/10	12/3/2010 1/4/11 1/8/11 1/10/11 2/8/11 2/15/11	Approved 3/2/11
x			BIO-13	Raven Management Plan	Post payment to the REAT Account for Regional Raven Management Program. Submit documentation of payment..	NextEra	< 10d pt Project-related gd		01/07/11	23-Dec-10	CEC Approval 10/11/11
x			BIO-14	Weed Management Plan	Submit final Weed Management Plan.	Alice Karl	> 10d pt Project-related gd		01/06/11	8/25/2010 resubmitted	Approved 1/10/11
	x	x	BIO-14	Weed Management Plan	Implement the Weed Management Plan.	Alice Karl	Ongoing				
x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge.	Thomas Darden	until fledged		After Feb 1	24-Feb-11	Complete
x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge. PLANT SITE, PHASE II	Thomas Darden	until fledged		After Feb 1	24-Feb-11	Complete
x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Conduct two pre-construction nest surveys. If construction is inactive for > 3 weeks, additional surveys may be required.	Thomas Darden	< 7d pt construction		02/01/11	24-Feb-11	Complete
x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit letter report of nest survey results.	Thomas Darden	pt gd		04/22/11	24-Feb-11	Complete
	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Avoid construction in buffer zones established for active bird nests as determined and flagged by Des Bio.	Thomas Darden	until fledged		04/22/11	24-Feb-11	Complete
x			BIO-16	Avian Protection Plan.	Submit a final Avian Protection Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	12/6/2010 1/4/11	Approved 1/12/11
	x	x	BIO-16	Avian Protection Plan.	Implement an Avian Protection Plan	Tetra Tech / Operations	Ongoing			Submitted Jan 2011.	Submitted Jan 2011.
	x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization	Submit a report of badger and kit fox survey results. Ph I	Nextera Energy	< 30d after survey complete		02/17/11	2/25/2011 3/28/11	CEC approval 4/15/11
	x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization	Submit a report of badger and kit fox survey results. Ph II	Nextera Energy	< 30d after survey complete		05/15/11		CEC approval 4/15/11
x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Notify agencies that a relocation of owls is necessary.	Thomas Darden	> 10d after survey complete		04/15/11		N/A
	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
	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit verification to agencies that compensation land or easements have been acquired.	Tetra Tech	< 18m after start of construction		07/09/12		Approved Wildlands 10/11/11
x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph I	Tetra Tech	< 30d pt construction		01/16/11	Completed	Approved report 3/14/11
x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph II	Tetra Tech	< 30d pt construction		04/01/11		Approved report 3/14/11
x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase II	Tetra Tech	> 10d pt construction-related gd		04/22/11		Approved Wildlands 10/11/11
x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase I	Tetra Tech	> 10d pt construction-related gd		01/06/11	NA	N/A
x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Provide land/mitigation compensation security verification.	Tetra Tech	> 30d pt construction-related gd		12/17/10	23-Dec-10	Approved Wildlands 10/11/11
x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Submit Burrowing Owl Relocation and Mitigation Plan.	Tetra Tech	< 30d after survey complete		12/17/10	11/26/2010 resubmitted 1/7/11	Approved 1/11/11

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit drawings and plans with ESAs and Section A Measures.	Tetra Tech	> 30d pt gd		12/17/10	3-Jan-11	Approved 1/12/11
x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If compensatory mitigation is required, post Security for acquisition and enhancement funds.	NextEra	> 30d pt gd		12/17/10	NA	NA
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
x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit the Final Summer-Fall Botanical Survey Report.	Tetra Tech	> 30d pt gd		12/17/10	N/A	NA
x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Rare Plant Surveys</u> - Submit draft Special-Status Plant Mitigation Plan.	Tetra Tech	> 30d pt gd		12/17/10	N/A	NA
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Deposit the required funds and submit verification of deposit.	NextEra	> 30d after acquisition				Wildlands Approved 10/11/11
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Status and Distribution</u> : Post funds for selected mitigation.	NextEra	< 18m after start of gd		07/09/12		Wildlands Approved 10/11/11
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Submit a formal acquisition proposal and draft Management Plan.	Tetra Tech	> 90d pt acquisition				Wildlands Approved 10/11/11
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Compensatory Mitigation: Complete acquisition and submit verification.	Tetra Tech	< 18 m after start of gd		07/09/12		N/A per CEC on 11/02/10
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	<u>Compensatory Mitigation</u> : Submit any agreements with an approved, delegated third party.	Tetra Tech	> 90d pt acquisition				N/A per CEC on 11/02/10
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If selected, initiate study <6m after gd.	Tetra Tech	< 180d after gd		07/15/11		N/A per CEC on 11/02/10
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If selected, submit draft and final study within 24m and 30m after gd, respectively.	Tetra Tech	< 24m after start of gd		01/05/13		N/A per CEC on 11/02/10
x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and	Assign a Designated Botanist.	Tetra Tech	none		none	9/27/2010 2/8/11	Approved 10/15/10
x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and	Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).	Tetra Tech			12/17/10	12/3/2010 resubmitted	Approved 1/14/11
x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Establish and mark boundaries for ESAs PT start of any ground- or vegetation-disturbing activities.	Tetra Tech	pt gd		01/16/11	completed	NA
x			BIO-19-B	Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation	If a special-status plant is found, record extent of population using GPS. Assess the extent of the species (qualitatively) within one mile of Project boundaries.	Karl, Darden	pt construction		01/16/11	NA	NA
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	
x			BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Collect seeds from affected Special-Status Plants and arrange for long-term storage prior to construction.	Tetra Tech	pt construction		01/16/11	NA	NA
x			BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Special-status plants: CNDDB Rank plants -If detected within the Project Disturbance Area, prepare and implement a Mitigation Plan.	Tetra Tech	n/a		n/a	NA	NA
x			BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Post security for acquisitions and enhancement of MFTL habitat.	NextEra	> 30d pt construction-related gd		12/17/10	23-Dec-10	1/4/2011
	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
	x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Complete MFTL compensation land acquisition and submit verification.	Tetra Tech	< 18m after start of construction		07/09/12		Wildlands Approval 11/10/11
	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
	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
x			BIO-22	Mitigation for Impacts to State Waters	Notify agencies prior to disturbance and completion of work in jurisdictional waters.	Tetra Tech / Fluor	> 5d pt construction-related gd in state waters		01/10/11	3-Jan-11	NA
x			BIO-22	Mitigation for Impacts to State Waters	Provide verification of Security 30d pt CR gd.	NextEra	> 30d pt construction-related gd		12/17/10	23-Dec-10	1/4/2011
	x	x	BIO-22	Mitigation for Impacts to State Waters	Drainage BMPs: Minimize road building, construction activities and vegetation	Genesis Project management/ECM	Ongoing				Wildlands Approved 11/10/11
x			BIO-22	Mitigation for Impacts to State Waters	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that BMPs shall be implemented.	ECM	> 30d pt construction-related gd in state waters		01/11/11	23-Nov-10	NA
x			BIO-23	Decommissioning and Closure Plan	Post security for Decommissioning and Closure Plan.	NextEra	> 10d pt construction-related gd		01/06/11	4-Jan-11	Approved 1/11/11

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
x			BIO-23	Decommissioning and Closure Plan	Submit a draft Decommissioning and Closure Plan.	Worley Parsons	> 30d pt construction-related gd		12/17/10	25-Aug-10	Approved 10/15/2010
x			BIO-24	Revegetation of Temporarily Disturbed Areas	Submit to the CPM a final agency-approved Revegetation Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	8/25/2010 resubmitted	Approved 1/12/11
		x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Conduct Spadefoot Toad surveys. Submit findings	Alice Karl	Oct-10		10/30/10	25-Oct-10	N/A
		x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	If ponds are created, submit compliance documentation yearly.	Tetra Tech	Jan-31 Annually			n/a	N/A
	x		BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	If ponds are created, provide as-built drawings and photos.	Tetra Tech	> 90d pt operation		08/02/13	n/a	N/A
x			BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Submit a final CST Protection and Mitigation Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	11/20/2010 resubmitted	Approved 1/11/11
	x		BIO-28	Golden Eagle Inventory and Monitoring	Submit results of eagle inventory.	Tetra Tech	< 30d of survey completion		06/30/11		
x			BIO-29	in-Lieu Mitigation Option	Notify CEC if an in-lieu fee is preferred for bio mitigation.	NextEra	pt construction-related gd		01/16/11	23-Dec-10	NA
x			CUL-1	prehistoric Trails Network Cultural	Submit notice of fund transfer.	NextEra	< 10d of transfer			27-Sep-10	Approved 10/15/10
x			CUL-1	PTNCL Documentation and Poss. NRHP	Contribute funds for the PTNCL Documentation and Possible	NextEra	upon receipt of invoice			27-Sep-10	Approved 10/15/10
x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP	Submit notice of fund transfer.	NextEra	< 10d of transfer			27-Sep-10	Approved 10/15/10
x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape	Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCL)	NextEra	upon receipt of invoice			27-Sep-10	Approved 10/15/10
x			CUL-3	Cultural Resources Personnel	Assign a cultural resource specialist (CRS).	AECom	pt site mobilization		01/16/11	26-Aug-10	Approved 10/18/10
x			CUL-3	Cultural Resources Personnel	Obtain services of a specialist backhoe operator during excavation of CA-Riv-9072	AECom	NA		NA	5-Apr-12	
x			CUL-3	Cultural Resources Personnel	Submit resumes for a CRS, alternate CRS (optional), prehistoric archaeologist, ethnographer, historical archaeologist, project	AECom	> 75d pt gd		11/02/10	26-Aug-10	CRS, Approved 10/18/10
x	x		CUL-3	Cultural Resources Personnel	Submit confirmation of CR staff availability for CUL-8, 10, 11, 12 and 17.	AECom	10d pt data recovery		01/07/11	Completed with resume	NA
x			CUL-3	Cultural Resources Personnel	Submit letter with names and quals of CR Monitors.	AECom	15d pt data recovery		01/02/11	10-Dec-10	Approved 1/13/11
x			CUL-3	Cultural Resources Personnel	Submit letter with names and quals of field crew members.	AECom	15d pt data recovery		01/02/11	NA	N/A
x	x		CUL-4	Project Documents for Cultural Resources Personnel	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM. Phase II	Jessica Auch	15d pt start of each phase		01/01/11	Completed	N/A
x	x		CUL-4	Project Documents for Cultural Resources Personnel	Submit CR data and maps to CR staff and CPM.	Jessica Auch	> 60d pt gd		11/17/10	1-Dec-10	Pending - addl info requested
x	x		CUL-4	Project Documents for Cultural Resources Personnel	Submit any changes in footprint.	Jessica Auch	15d pt gd		01/01/11	1/4/2011 3/18/11	Approved 3/30/11
x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit information from curation facility.	Jessica Auch	> 30d pt gd		12/17/10	12-Nov-10	NA
x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit letter agreement to fund curation fees.	Jessica Auch	> 20d pt gd		12/27/10	10-Dec-10	NA
x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit the CRMMP.	Jessica Auch	> 30d pt gd		03/01/11	3/1/2011 4/4/11	
x			CUL-7	Worker Environmental Awareness Program	CRS to submit training program.	Jessica Auch	> 30d pt gd		12/17/10	12/10/2010 resubmitted on	comments received 2/28/11
x			CUL-9	Authority to Halt Construction; Treatment of Discoveries	Submit confirmation that CRS and CR staff have stop-work authority and notification requirements.	Jessica Auch	> 30d pt gd		12/17/10	10-Dec-10	NA
x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.	Jessica Auch	> 15d pt data recovery		01/01/11	21-Dec-10	NA
x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.Phase II	Jessica Auch	> 15d pt data recovery		03/10/11	9-Mar-11	3/28/2011
x			CUL-12	Surface Collection with Sampling for site	Notify CPM that collection at CA-Riv-9072 will commence.	Jessica Auch	> 15d pt data recovery		01/01/11	9-Mar-11	3/28/2011
x			CUL-12	Surface Collection with Sampling for site CA-RIV-9076	Submit a preliminary letter report detailing finds at CA-Riv-9072. Can be included with report for CUL-11.	Jessica Auch					
			CUL-14		DELETED	Jessica Auch					
			CUL-15		DELETED	Jessica Auch					
x			CUL-16	Native American Assessment of Impacts	Submit results of Native American consultation.	Jessica Auch	> 15d pt construction		01/01/11		
x			CUL-16	Native American Assessment of Impacts	Notify CPM of consultation.	Jessica Auch	> 30d pt construction		12/17/10	12-Dec-10	NA
x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Documentation that security gate/guard is in place.	Jessica Auch	pt grading		05/01/11		
x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Consult with Native American representatives regarding to the McCoy Spring National Register Archaeological District and sites CA-Riv-0523, CA-Riv-3149, CA-Riv-4569, and CA-Riv-4699	Jessica Auch	pt construction		Ongoing through CEC specialist under CUL-1	Ongoing	

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Process Safety Management Plan.	Fluor	> 60d pt receipt of hazmat	02/18/13	03/04/13		NOT REQUIRED PER THE CEC 1/28/13
	x		HAZ-4	HTF pipe system isolation valves	Submit design drawings showing the number, location, and type of HTF isolation valves.	Fluor	> 30d pt const. of solar array		08/31/11		
x			HAZ-5	Construction Site Security Plan	Submit a Construction Security Plan Verification.	Fluor	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/10/10
x			NOISE-1	Resident Notification- Pre-construction	Notify residents within 2 miles of the site and 0.5 mile of linears of start of construction. (Include phone # for noise complaints)	Fluor	> 15d pt gd		01/01/11	14-Jan-11	CEC Approval 1/19/11
	x	x	NOISE-1	Resident Notification- Pre-construction	Maintain telephone number for noise complaints until facility is operational for one year.	Fluor / Operations	1yr				
	x		NOISE-1	Resident Notification- Pre-construction	Post telephone number for noise complaints at the site during construction, visible to passersby.	Fluor	Ongoing				
x			NOISE-1	Resident Notification- Pre-construction	Submit statement and documentation of compliance to CPM.	Fluor	pt gd		01/16/11	14-Jan-11	
x			NOISE-3	Noise Control Program	Submit a Noise Control Program and a statement of commitment.	Fluor	> 30d pt gd		12/17/10	30-Nov-10	Approved 12/20/10
x			Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan.	Fluor	> 30d pt site mobilization		04/02/11	Prelim 3/9/11	Approved 1/21/11
x			Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan. PHASE I	Fluor	> 30d pt site mobilization		12/22/10	27-Dec-10	Approved 1/21/11
		x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit documentation of mitigation to well owners.	Worley Parsons	< 60d after start of operation		12/30/13		
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	
x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor wells, seeps and springs to establish preconstruction conditions.	Worley Parsons			12/17/10	completed	
x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit report of all pre-construction items, including calculations and assumptions.	Worley Parsons	> 30d pt construction		12/17/10		
x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a Groundwater Level Monitoring and Reporting Plan to the CPM for review and approval.	Worley Parsons	> 30d pt construction		12/17/10	3-Dec-10	Approved 12/21/10
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	Fluor	> 30d pt construction of GW well		04/01/11		
x	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit to CPM a copy of the water well construction packet submitted to the County of Riverside.	Fluor	> 60d pt construction of GW well		03/02/11	31-Mar-11	
x			Soil & Water-5	Construction and Operation Water Use	Install and maintain metering devices as part of the water supply and distribution system (gpd and total). Submit compliance documentation.	Fluor	> 30d pt construction		12/17/10	31-Jan-11	
x			Soil & Water-8	Revised Project Drainage Report and Plans	Submit a Revised Project Drainage Report with the 30 percent Grading and Drainage Plans.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	
	x		Soil & Water-9	Detailed FLO-2D Analysis	Submit a detailed FLO-2D analysis with the 30 percent Grading and Drainage Plans and revised Project Drainage Report.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	
	x		Soil & Water-10	Collector and Conveyance Channel Compliance with RCFCWCD	Submit two copies of the 30 percent channel design drawings.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11	
	x		Soil & Water-11	Channel Erosion Protection	Incorporate channel erosion protection methods (except "I") in the Grading and Drainage Plans and all submittals required in SOIL&WATER-8 through SOIL&WATER-10.	Fluor	> 60d pt site mobilization (plant)		03/02/11	Prelim 3/9/11	
x			Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit Decommissioning Plans.	Worley Parsons	> 60d pt site mobilization		11/17/10	22-Oct-10	Approved 10/29/10
x			Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Submit a Water Supply Plan.	Jeff Harvey	> 30d pt GW extraction for const.		12/17/10	12/3/2010 resub. 2/1/11	Pending - Comments received 1/4/11
x			Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit the Ground Subsidence Monitoring and Action Plan.	Worley Parsons	> 30d pt GW extraction for const.		12/17/10	8-Dec-10	Approved 12/23/10
x			Soil & Water-19	Estimation of Impacts to PVMGB	Submit a report detailing results of the PVMGB underflow depletion modeling effort.	Worley Parsons	< 30d pt site mobilization		03/15/11	19-Mar-11	
x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Groundwater Quality Monitoring and Reporting Plan > 6 weeks pt start of construction.	Worley Parsons	> 45d pt construction		12/02/10	27-Oct-10	Approved 12/21/10
x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Well Monitoring Installation and Groundwater Quality Network Report.	Worley Parsons	> 30d pt construction		12/17/10	3-Dec-10	Approved 12/21/10
x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Commence groundwater quality monitoring prior to construction.	Worley Parsons	pt construction		12/18/10		CEC Approval 12/21/10
x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit GW quality and level monitoring data.	Worley Parsons	> 30d pt GW extraction for const.		12/17/10	3-Dec-10	NA
x			TRANS-1	Traffic Control Plan	Submit copies of comment letters received from County and Caltrans and any associated changes to Traffic Plan.	Fluor	> 30d pt construction		12/17/10	16-Dec-10	NA
x			TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County.	Fluor	> 60d pt gd		11/18/10	11/23/2010 resubmitted	Approved 1/17/11

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
x			TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County, Phase II	Fluor	> 60d pt gd		03/02/11		
x			TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit photographs or video of all affected public roads, easements and ROWs.	Fluor	> 30d pt site mobilization		12/17/10	21-Dec-10	NA
x			TRANS-5	Restoration of Public Roads, Easements, and ROWs	Notify the County and Caltrans of schedule for construction.	Fluor	pt site mobilization		01/16/11	Completed 1/24/11	NA
	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	Fluor	> 30d pt construction of Tline		06/24/12		CEC Approval 1/16/13
x	x		VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Submit a Surface Treatment Plan.	Fluor	> 30d pt ordering		06/30/11		
x			VIS-5	Visual Mitigation and Re-vegetation of Staging Area	Meet with CPM to discuss how staging area site plan will minimize visibility from rest area.	Fluor	> 90d pt construction		10/18/10	12/28/2010 1/14/11	Approved 1.17.11
x			VIS-6	Reduction of Form, Line and Texture Contrast	Meet with the CPM to discuss incorporation of visual contrast reduction into the design plans.	Fluor	> 90d pt construction		10/18/10	12-Oct-10	Approved 10/25/10
x			WASTE-2	PE or PG - Staff Assignment	Submit resume for a PE or PG.	NextEra	> 30d pt site mobilization		12/17/10	4-Nov-10	Approved 11/30/10
x			WASTE-4	Construction Waste Management Plan	Submit a Construction Waste Management Plan.	Fluor	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/16/10
x			WASTE-5	UXO Identification, Training and Reporting Plan	Submit a UXO Identification, Training and Reporting Plan.	Tetra Tech	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/21/10
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	Fluor/Tomey Pouncy	pt CPM submittal		12/03/10	completed	Approved 1/14/11
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	Fluor	> 30d pt construction		12/17/10	12/16/2010 1/13/11	Approved 1/14/11
x			Worker Safety-3	Construction Safety Supervisor - Staff Assignment	Submit name and contact information for the Construction Safety Supervisor (CSS).	Fluor	> 30d pt site mobilization		12/17/10	11/16/2010 1/11/10	CEC Approval 4/15/11
x	x		Worker Safety-4	Construction Safety Supervisor - Staff Assignment	CSS to include compliance documentation in Monthly Compliance Report.	Fluor	Monthly				
x			Worker Safety-4	CBO Payments	Submit verification of agreement with CBO for a Safety Monitor to CPM.	NextEra	> 60d pt construction		11/17/10	3-Nov-10	CEC Approval 1/19/11
x			Worker Safety-4	CBO Payments	Post payment to CBO for a Safety Monitor.	NextEra	TBD w CBO		01/01/11	14-Jan-11	CEC Approval 7/19/11
	x	x	Worker Safety-5	Automatic External Defibrillator onsite	Install a portable automatic external defibrillator (AED) on site during construction and operations.	Fluor / Operations	Ongoing		05/01/11		
x	x	x	Worker Safety-5	Automatic External Defibrillator onsite	Conduct AED training program in accordance with CPM-approved program.	Fluor / Operations	Ongoing		05/01/11		
x			Worker Safety-5	Automatic External Defibrillator onsite	Submit verification that AED exists onsite and the training and maintenance program.	Fluor	> 60d pt site mobilization		11/17/10	3-Nov-10	Approved 1.14.11
	x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit to the RCFD and CPM preliminary plans of location and details for a second access gate to the site.	Fluor	> 60d pt site mobilization (plant)		03/02/11		RCFD Approved 5/16/11
	x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit revised and final plans for second access gate. Include letter or statement regarding comments from RCFD.	Fluor	> 30d pt site mobilization (plant)		04/01/11		
	x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit verification that all-terrain fire engines have been delivered and acceptable to RCFD.	Fluor/McCord	> 180d pt receipt of HTF		11/03/12		CEC/RCFD Agreement to
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	NextEra	> 30d pt site mobilization		12/17/10	12/21/2010 1/12/11	CEC temp Approval 11/16/12
x			Worker Safety-8	Dust Control Plan	Submit Dust Control Plan.	Fluor w/ Tt support	> 60d pt site mobilization		11/17/10	1-Nov-10	Approved 1/13/11
x			GEN-2	Facility Design Submittals to CBO and CPM	Submit a schedule of facility design submittals, and master drawing and master specifications lists before submitting the initial engineering designs for CBO review.	Fluor	< 60d pt grading		11/17/10	17-Nov-10	Approved 12.20.10
x			GEN-4	Resident Engineer - Staff Assignment	Assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.	Fluor	> 30d pt grading		12/17/10	14-Jan-11	CEC Approved 1/19/11
x			GEN-4	Resident Engineer - Staff Assignment	Notify the CPM of the CBO's approvals of the RE and other	Fluor	< 5d of approval		12/08/10	30-Dec-10	Approved 1/19/11
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the soils (geotechnical) engineer.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of soils (geotechnical) engineer.	Fluor	< 5d of approval		12/08/10	30-Dec-10	NA
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the civil engineer.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the mechanical engineer .	Fluor	> 30d pt construction		12/17/10	1-Dec-10	Approved
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the engineering geologist.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of civil eng assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of mech eng assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of eng. geologist assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
	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
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	Fluor	> 15d pt grading		12/22/10	23-Dec-10	Approved 1/21/11
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	Fluor	> 15d pt grading		04/16/11		Approved 1/21/11
x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of Paleo Resource Monitors.	Tetra Tech	> 20d pt gd		04/11/11		
x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of the Paleo Resource Specialist (PRS).	Tetra Tech	> 60d pt gd		11/17/10	2-Sep-10	Approved 10/25/10
x			PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit maps and drawings showing the footprint of the power plants, construction lay down areas, and all related facilities.	Fluor	> 30d pt gd		12/17/10	4-Jan-11	NA
x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit schedule of construction phases before work commences on affected power plants.	Fluor	pt start of const on affected power plants		05/01/11	4-Jan-11	NA
x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If the footprint of the project or its linear facilities change, provide maps and drawings reflecting those changes.	Fluor	> 15d pt gd		01/01/11	1/4/2011 3/8/11	Approved 3/17/11
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	Tetra Tech	> 30d pt gd		12/17/10	3-Dec-10	Approved 12/21/10
x			PAL-4	Paleontological WEAP	Include paleo resources in the WEAP.	Tetra Tech	> 30d pt gd		12/17/10	14-Dec-10	Approved 1/4/2011
x			PAL-4	Paleontological WEAP	Submit script and final video of paleo training.	Tetra Tech	> 30d pt gd		12/17/10	14-Dec-10	Approved 1/4/2011
x			COMPLIANCE-9	Complaints, Notices and Citations	Send a letter to property owners living < 1mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns.	NextEra	pt construction		01/16/11		Approved 1/19/11
		x	BIO-13	Raven Management Plan	Submit a status report of the Raven Management Plan implementation.	Fluor	< 30d after start of operation		11/30/13	Complete	Complete
		x	BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation.	Alice Karl	< 30d after start of operation		11/30/13		
	x		VIS-5	Visual Mitigation and Re-vegetation of Staging Area	Submit a revegetation plan for the staging area.	Fluor	> 60d pt operation		09/02/13		
	x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	AQCOMM to submit compliance documentation to the CPM in each Monthly Compliance Report.	ECM	MCR				
	x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	Implement Dust Control BMPs	ECM			01/17/11		
	x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	Stabilize all disturbed areas after construction activities.	ECM	Construction Completion		07/01/14		
	x		AQ-SC4	Dust Plume Response Requirement	Implement Dust Plume Response Requirement	ECM			01/17/11		
	x		AQ-SC4	Dust Plume Response Requirement	Submit information on dust plume observations, response, and list of equipment onsite in Monthly Report.	ECM	MCR		Monthly	Ongoing	
	x		AQ-SC4	Dust Plume Response Requirement	Monitor all construction activities for visible dust plumes. If plumes observed, implement mitigation as specified.	ECM	Ongoing				
	x		AQ-SC5	Diesel engine emissions - monitoring and reporting	Implement Diesel-Fueled Engine Control	ECM	MCR		01/17/11		
	x		AQ-SC5	Diesel engine emissions - monitoring and reporting	Submit compliance documentation in Monthly Compliance Report.	ECM	MCR		Monthly	Ongoing	
	x		AQ-SC5	Diesel engine emissions - monitoring and reporting	AQCOMM to inspect and tag all diesel-fueled engines Diesel engines and tier standards - see full text. Do not idle diesel equipment for more than 5 mins.(see full text for exceptions)	ECM	Ongoing		Monthly	Ongoing	
		x	AQ-SC6	Fleet Plan for operations vehicles	Update Fleet Plan every other year. Submit the Fleet Plan with Annual Report.	Operations	Bi-Annually		Annual		
	x	x	AQ-SC6	Fleet Plan for operations vehicles	Submit to the CPM a Fleet Plan for vehicles dedicated to mirror washing and maintenance activities.	NEE	> 30d pt operation	08/13/13	08/27/13		
		x	AQ-SC7	Dust Control Plan - Operations	Implement all requirements of the Operations Dust Control Plan	Operations	Ongoing				
	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				
x	x	x	AQ-SC8	Air permit submittals	Submit all modified or revised ATC/PTO documents and all federal air permits.	Construction/Operations	< 15d of receipt			02/11/13 renewed	
		x	AQ-1	Equipment Operation, Application Requirements - NG boilers	Operate NG boilers in compliance with all data and specifications submitted with application.	Operations	Ongoing				
		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				
		X	AQ-3	Emissions limits, reporting - NG boilers	Emissions shall not exceed the following hourly emission limits (see full text)	Operations	Ongoing				
		x	AQ-3	Emissions limits, reporting - NG boilers	Submit emissions compliance documentation in Annual Compliance Report.	Operations	Annually				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
		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				
		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				
		x	AQ-6	Initial MDAQMD Compliance Test - NG boilers	Submit test results within 180 days of initial start up.	Operations	< 180d after initial start up				
	x		AQ-6	Initial MDAQMD Compliance Test - NG boilers	Notify agencies within fifteen working days before the initial MDAQMD compliance test.	Operations	< 15d prior to test				
		x	AQ-7	Annual MDAQMD Compliance Test - NG boilers	Perform annual MDAQMD compliance tests.	Operations	Annually				
		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				
		x	AQ-9	HTF Ullage/Exp. Tanks - HTF storage	Ullage tanks - This system shall store only HTF.	Operations	Ongoing				
		x	AQ-10	HTF Ullage/Exp. Tanks - Carbon adsorbtion 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				
		x	AQ-10	HTF Ullage/Exp. Tanks - Carbon adsorbtion system	Operate ullage tanks system with the carbon adsorption system. [VOC and Benzene emissions cap, see full text]	Operations	Ongoing				
		x	AQ-10	HTF Ullage/Exp. Tanks - Carbon adsorbtion system	Submit compliance documentation in Annual Compliance Report.	Operations	Annually				
		x	AQ-10	HTF Ullage/Exp. Tanks - Carbon adsorbtion system	Submit a yearly summary report of all VOC emissions.	Operations	Jan-31 Annually				
	x		AQ-10	HTF Ullage/Exp. Tanks - Carbon adsorbtion system	Submit a monitoring and change-out plan for the system.	Fluor	pt initial start up		08/01/12		
		x	AQ-10	HTF Ullage/Exp. Tanks - Carbon adsorbtion system	Submit initial test results within 180 days after startup.	Operations	< 180d after initial start up		04/30/14		
	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.	Construction	> 30d pt taking delivery of the HTF	03/20/13	04/03/13		
	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.	Fluor	> 30d pt taking delivery of the HTF	03/19/13	04/02/13		
		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				
	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.	Fluor	> 30d pt taking delivery of the HTF	03/15/13	04/02/13		
		x	AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit volume of HTF removed and added in Annual Report.	Operations	Annually				
	x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit a report of test results to the District.	Construction	< 45d after test				
	x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify District prior to testing.	Construction	10d prior to test	04/10/13	04/15/13		
	x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Provide a written test plan for District review and approval.	Construction	30d prior to test	03/12/13	03/26/13		
		x	AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Submit to the District a compliance test protocol.	Operations	< 60d after initial start up		12/30/13		
		x	AQ-14	HTF Ullage/Exp. Tanks - Initial MDAQMD Compliance Testing and Reporting	Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test report.	Operations	< 180d after initial start up		04/30/14		
		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				
		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				
		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				
		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				
		x	AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Include Ullage/tank emission rate caps compliance documentation in Annual Report.	Operations	Annually				
		x	AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Maintain emission rates below specified volumes.	Operations	Ongoing				
	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.	Fluor / Operations	Ongoing	IF/THEN			

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
		x	AQ-18	Equipment Operation, Application Requirements - Cooling Towers	Operate cooling towers in compliance with all data and specifications submitted in application.	Operations	Ongoing				
		x	AQ-19	Equipment Operation Manufacturer Specifications - Cooling Towers	Operate cooling towers in compliance with all manufacturer specifications.	Operations	Ongoing				
		x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Comply with drift rate emissions cap (<i>see full text</i>).	Operations	Ongoing				
	x		AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit manufacturer guarantee data for the drift eliminator.	Fluor	> 30d pt cooling tower operation		10/01/13		
		x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit compliance documentation on operating emission rates with Annual Report.	Operations	Annually				
	x		AQ-22	Water Testing Protocol - Cooling Tower	Submit a test and emissions calculation protocol.	Fluor	> 30d pt testing				
		x	AQ-23	Operating Time Restrictions - Cooling Towers	Submit compliance documentation with Annual Report.	Operations	Annually				
		x	AQ-23	Operating Time Restrictions - Cooling Towers	Do not operated for more than 3,200 hours per rolling twelve month period and more than 15 hours per calendar day.	Operations	Ongoing				
		x	AQ-24	Maintenance and Operation Log - Cooling Tower	Maintain operations log onsite for 5 years.	Operations	Ongoing				
		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				
		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				
		x	AQ-26	Equipment Operation Manufacturer Specifications - 341HP generators	Operate generators in compliance with all manufacturer specifications.	Operations	Ongoing				
		x	AQ-27	Fuel Restrictions - 341 HP generators	Use only ultra-low sulfur diesel fuel. Retain fuel purchase records.	Operations	Ongoing				
	x		AQ-28	Elapsed Operating Time Meter - 341 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.	Fluor	> 30d pt installation			25-Feb-13	
		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				
		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				
		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				
		x	AQ-30	Operations and Maintenance log - 341 HP generators	Submit compliance documentation in Annual Report.	Operations	Annually				
		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				
		x	AQ-31	Voluntary Power Outage Use - 341 HP generators	Do not use generators during a voluntary power outage or reduction.	Operations	Ongoing				
		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				
		x	AQ-33	ATCM Compliance - 341 HP generators	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing				
		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				
	x	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.	Fluor / Operations	Ongoing				
		x	AQ-36	Fuel Restrictions - 315 HP fire pump engines	Use only ultra-low sulfur diesel fuel for equipment.	Operations	Ongoing				
	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.	Fluor	> 30d pt installation			25-Feb-13	
		x	AQ-38	Operating time restrictions - 315 HP fire pump engines	Limit use for emergency power. Operate < 50hrs/yr for testing.	Operations	Ongoing				
		x	AQ-39	Operations and Maintenance log - 315 HP fire pump engines	Maintain an operations log for this unit current and on-site, for three years.	Operations	3 yrs after start of operations		11/01/13		
		x	AQ-39	Operations and Maintenance log - 315 HP fire pump engines	Submit compliance documentation in Annual Report.	Operations	Annually				
		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				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
		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				
	x	x	AQ-42	Gas tank and pump - toll free number	Post the required toll-free number on the equipment.	Fluor / Operations	Ongoing				
		x	AQ-43	Gas tank and pump - inspection and maintenance records	Maintain an inspection, repair and maintenance log onsite for at least two years.	Operations	2 yrs after start of operations		11/01/13		
	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.	Fluor / Operations	Ongoing				
	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.	Fluor	Ongoing				
		x	AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests annually. Document test data on a Form similar to EO VR-401-A Form 1	Operations	< 60d after construction completion		08/29/14		
		x	AQ-46	Gas tank and pump - initial and annual testing	Submit results of pressure checks.	Operations	< 30d after test				
		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	Fluor	Annually				
		x	AQ-46	Gas tank and pump - initial and annual testing	Make test results available to CPM upon request.	Operations	Ongoing				
	x		AQ-46	Gas tank and pump - initial and annual testing	Notify District pt testing. (initial and annual)	Fluor	> 10d prior to test				
		x	AQ-46	Gas tank and pump - initial and annual testing	Submit passing test reports to District.	Operations	< 6w pt expiration of permit				
	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.	Fluor / Operations	Ongoing				
		x	AQ-48	Gas tank and pumps - certified technician	Maintenance and repair of system components shall be performed by OPW Certified Technicians.	Operations	Ongoing				
		x	AQ-49	Gas tank and pumps - maintenance intervals	Maintenance Intervals shall be conducted by an OPW trained technician annually.	Operations	Annually				
		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				
	x		BIO-2	Designated Biologist - responsibilities	Include documentation of biological resource compliance in the Monthly Compliance Reports.	AECOM	MCR		Monthly		
		x	BIO-2	Designated Biologist - responsibilities	Des Bio to submit bio compliance documentation through operations, unless approved by the CPM.	AECOM	Annually				
		x	BIO-2	Designated Biologist - responsibilities	Submit BRMIMP compliance summary reports in Annual Compliance Report.	AECOM	Ongoing				
	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.	AECOM	Ongoing				
	x		BIO-3	Biological Monitors - Staff assignment	Submit information on additional bio monitors, if needed	AECOM	> 10d pt monitoring activity				
		x	BIO-4	Biological Monitors - responsibilities	Employ a Bio Mon during operations if any action could affect a sensitive bio resource.	AECOM	Ongoing				
	x		BIO-4	Biological Monitors - responsibilities	Assist with surveys and in monitoring of site mobilization activities.	AECOM	pt construction		Ongoing		
	x		BIO-4	Biological Monitors - responsibilities	Include BIO-4 compliance documentation in Monthly Compliance Report.	AECOM	Monthly		Monthly		
	x		BIO-4	Biological Monitors - responsibilities	Bio Mons assist DB with surveys and monitoring disturbance activities.	AECOM	Ongoing				
	x	x	BIO-5	Designated Biologist and Biological Monitor Authority	Des Bio to notify agencies if there a stop work order.	AECOM/Thomas	Ongoing				
		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				
	x		BIO-6	Worker Environmental Awareness Program (WEAP)	Submit training records in the Monthly Compliance Report.	Fluor	Monthly				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	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.	Fluor	Ongoing				
		x	BIO-6	Worker Environmental Awareness Program (WEAP)	Keep signed training forms on site for >6m after start of operations and 6m after staff dismissal.	Operations	> 6m Operations		11/01/13		
x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit the revised or supplemented BRMIMP.	Tetra Tech	< 10d of receipt of addl permits				
x		x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Conduct Aerial Surveys and submit pre-const. photos for review	Tetra Tech	after construction completion		01/02/11	10-Jan-11	pending
		x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Construction disturbance verification - submit post-construction aerial images of the project site .	Fluor	< 90d after construction completion		09/28/14		
x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit any outstanding permits within 5 days of receipt and revise BRMIMP accordingly.	Tetra Tech	< 5d of receipt				
x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Include BIO-7 compliance documentation in Monthly Compliance Report.	Tetra Tech	MCR				
	x	x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit to the CPM a Construction Termination Report.	Tetra Tech	< 30d after construction completion		07/30/14		
	x		BIO-8	Impact Avoidance and Minimization Measures	Speed limit = 25 mph on all dirt roads and 45 mph on all paved roads.	Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Signs - Post speed limit signs at entrances and wildlife signs at potential crossing areas.	Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Water - prevent puddles from forming. Bio Monitor must patrol areas watered outside fence to ensure no puddles form.	Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Use non-toxic soil bonding and weighting agents on unpaved surfaces.	Fluor	Ongoing				
			BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Annual Compliance Report.	AECOM	Annually				
	x		BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Monthly Compliance Report.	Tetra Tech	MCR		Monthly		
x	x		BIO-8	Impact Avoidance and Minimization Measures	Design facility lighting to prevent side casting of light towards wildlife habitat.	Fluor					
	x		BIO-8	Impact Avoidance and Minimization Measures	Immediately clean up and properly dispose of all hazardous material spills and any contaminated soil.	Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Des. Bio or Bio Monitor must walk immediately ahead of equipment during brushing and grading activities in unfenced habitat.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Stockpile spoil and topsoil in disturbed areas lacking native vegetation and are not habitat for special-status species.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Des. Bio must be onsite during disturbance-activities in unfenced areas.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Install and maintain facility lighting downward. Use minimum lighting needed, including motion or infrared sensors.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Avoid loud construction activities (>65dBA) from February 15 to April 15 in nesting habitat. (See full text for exceptions).	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Backfill or slope all open trenches outside fenced area at end of day. Inspect open trenches at beginning, throughout and end of day.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Cap or elevate (>8" above ground) all pipes greater than 3" diameter and outside fenced area. OR inspect before moving.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Remove road-killed animals on Project roads. Contact agencies immediately if animal is a special-status species.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Service vehicles and equipment in designated areas only. Service/maintenance vehicles must carry a bucket and pads to absorb leaks or spills.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Keep all food and trash in self-closing containers and remove from site daily.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Workers must not feed wildlife or bring pets to the Project site.	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	No firearms or weapons onsite.	Tetra Tech / Fluor	Ongoing				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	x		BIO-8	Impact Avoidance and Minimization Measures	Stabilize all disturbed soils and roads (const and oper).	Tetra Tech / Fluor	Ongoing				
	x		BIO-8	Impact Avoidance and Minimization Measures	Install and maintain erosion control measures to prevent sedimentation of "Waters of the State". Sediment and other flow-restricting materials shall be moved to a location where they shall not be washed back into the stream.	Tetra Tech / Fluor	Ongoing				
	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).	Tetra Tech	< 7d before noisy construction				
x	x		BIO-8	Impact Avoidance and Minimization Measures	Locate parking areas, staging and disposal site locations in areas without native vegetation or special-status species habitat.	Tetra Tech / Fluor					
	x		BIO-8	Impact Avoidance and Minimization Measures	Park and store vehicles within exclusion fence. If not possible, check under vehicle for tortoise before moving.	Tetra Tech / Fluor					
	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.	Fluor	< 24hrs pt fence construction				
	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.	Tetra Tech	< 24hr following rain event				
	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.	Tetra Tech	< 48hrs following rain event				
x			BIO-9	Desert Tortoise Clearance Surveys and Fencing	Design security gates with minimal ground clearance to deter ingress by tortoises.	Fluor					
	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.	Tetra Tech	following const of permanent fence		04/15/11		
x	x		BIO-10	Desert Tortoise Translocation Plan	Submit a Translocation Plan status report following translocation of a DT.	Tetra Tech	< 30d after initiation of relocation				
	x		BIO-11	Desert Tortoise Compliance Verification	Des Bio must be onsite daily during ground-disturbing construction activities located beyond permanent fencing.	Tetra Tech	Ongoing				
	x	x	BIO-11	Desert Tortoise Compliance Verification	Provide agencies with reasonable access to the Project site and compensation lands.	NextEra	Ongoing				
		x	BIO-11	Desert Tortoise Compliance Verification	Submit a Final Listed Species Mitigation Report.	Tetra Tech	< 45d after initial start up		12/15/13		
	x		BIO-11	Desert Tortoise Compliance Verification	Des. Bio to conduct compliance inspections at least once per month after grading is completed.	Tetra Tech	Monthly		Monthly		
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.	Tetra Tech	< 2d of discovery				
x			BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph II	Tetra Tech	> 14d pt gd		04/17/11		
	x		BIO-11	Desert Tortoise Compliance Verification	Notify the CPM immediately of any NCR.	Tetra Tech	upon discovery				
	x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit PAR analysis for compensation lands.	Tetra Tech	< 60d after CPM approval				
		x	BIO-12	Desert Tortoise Compensatory Mitigation	Provide to agencies a total disturbance acreage, including B/A aerial photography.	Fluor	< 90d after completion of gd		09/28/14		
		x	BIO-13	Raven Management Plan	Include the status of the Raven Management Plan implementation in Jan 31 report during operations.	Fluor	Jan-31 Annually				
	x	x	BIO-13	Raven Management Plan	Implement the approved Raven Management Plan.	Fluor	Ongoing				
		x	BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation in Jan 31 report during operation.	Alice Karl	Jan-31 Annually				
		x	BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit summary report of nest buffer zones in Jan 31 report during operations.	Alice Karl	Jan-31 Annually				
	x	x	BIO-16	Avian Protection Plan.	Report project-related bird deaths or injuries to agencies.	Tetra Tech	Ongoing				
		x	BIO-16	Avian Protection Plan.	Continue quarterly and annual reporting on APP until agencies determine not necessary.	Nextera Energy	Ongoing, Quarterly and annually				
		x	BIO-16	Avian Protection Plan.	Submit report of study design and results after two years of data collection.	Nextera Energy	< 3yr after start of operation		10/15/16		
		x	BIO-16	Avian Protection Plan.	Submit quarterly monitoring reports of APP status. Follow up with an annual report (Jan 31).	Nextera Energy	Jan-31 Annually				
	x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Perform pre-construction surveys for badger and kit fox dens. Ph II	Thomas Darden	pt construction		03/15/11	Ongoing	
		x	BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit results of monitoring and management of compensation lands.	Tetra Tech	Jan-31 Annually for first 5yrs of operations				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit burrowing owl compliance documentation in monthly compliance report.	Tetra Tech	MCR				
	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.	Tetra Tech	> 90d pt acquisition				
		x	BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit a Construction Termination Report identifying status of owl mitigation.	Tetra Tech	< 30d Start of Operations		11/30/13		
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a Distribution Study is implemented as contingency mitigation, complete implementation within 2yrs of start of construction.	Tetra Tech	< 24m after start of construction		01/05/13		
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a Distribution Study is implemented as contingency mitigation, initiate study within 6 months from the start of construction.	Tetra Tech	< 6m after start of construction		07/15/11		
	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.	Tetra Tech					
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: If proposed, secure approval of a Habitat Enhancement/Restoration Plan.	Tetra Tech	< 6m after start of construction		07/15/11		
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.	Tetra Tech					
	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.	Tetra Tech	MCR		Monthly	n/a	
	x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: initiate activities > 12m from the start of construction.	Tetra Tech	< 12m after start of construction		01/12/12		
	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).	Fluor	Ongoing				
	x	x (closure)	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Designated Botanist: monitor disturbance activities weekly.	Tetra Tech	Weekly		01/17/11	Submitted in monthly report	
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.	Fluor					
		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.	Darden	Ongoing, this task is in the daily and weekly DB reports. Included in the monthly compliance reports.				
	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)	Darden	Ongoing				
	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.	Darden, Karl, and operations	Ongoing, Re-vegetation efforts to begin middle of October.				
		x	BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit final accounting of MFTL habitat disturbed during construction within 90d of construction completion.	Tetra Tech	< 90d after start of operation		01/29/14		
	x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit a formal acquisition proposal and PAR analysis.	Tetra Tech	> 90d pt acquisition				
		x	BIO-21	Evaporation Pond Netting and Monitoring	Report any dead wildlife to Des Bio <24hrs. Des Bio must report to agencies .48hrs.	Tetra Tech / Operations	< 1d of detection, all dead wildlife has been reported				
		x	BIO-21	Evaporation Pond Netting and Monitoring	If no entanglements are detected after 12 months, continue to monitor quarterly.	Tetra Tech	quarterly		Quarterly		
		x	BIO-21	Evaporation Pond Netting and Monitoring	Submit quarterly reports to agencies for first year of operation. Thereafter, submit reports annually.	Tetra Tech	quarterly		Quarterly		
		x	BIO-21	Evaporation Pond Netting and Monitoring	If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).	Tetra Tech	biannually				
		x	BIO-21	Evaporation Pond Netting and Monitoring	Submit annual reports no later than January 31 of each year.	Tetra Tech	Jan-31 Annually				
		x	BIO-21	Evaporation Pond Netting and Monitoring	Netting cannot touch the water in evap ponds.	Operations	Ongoing				
		x	BIO-21	Evaporation Pond Netting and Monitoring	Consult with agency regarding removal of injured wildlife in evap ponds.	Tetra Tech	Ongoing				
	x		BIO-21	Evaporation Pond Netting and Monitoring	Install a visual deterrent in addition to the mesh cover.	Fluor					
		x	BIO-21	Evaporation Pond Netting and Monitoring	Submit as-built drawings and photos of evap ponds	Fluor	> 30d pt operation		10/01/13	19-Feb-13	

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
		x	BIO-21	Evaporation Pond Netting and Monitoring	Des Bio or Monitor must inspect netting monthly during operation.	Tetra Tech	monthly		Monthly		
	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).	Genesis ECM/Operations	Ongoing, part of the WEAP training				
		x	BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Annual Compliance Reports.	Genesis EHS	Annually		Annual		
	x		BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Monthly Compliance Reports.	Genesis ECM	Monthly, a section on the monthly report addresses this issue.		Monthly		
		x	BIO-22	Mitigation for Impacts to State Waters	Submit a final accounting of disturbance to jurisdictional waters during construction.	Genesis ECM	< 90d after start of operation		01/29/14		
	x		BIO-22	Mitigation for Impacts to State Waters	Transfer fee title or submit a conservation easement for compensation lands.	Genesis ECM					
		x	BIO-22	Mitigation for Impacts to State Waters	Submit a report of monitoring and management of compensation lands.	Operations	Jan-31 Annually				
	x		BIO-22	Mitigation for Impacts to State Waters	Submit verification of acquisition.	Fluor	< 18m after start of construction		07/09/12		
		x	BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Operations	Annually				
x	x		BIO-22	Mitigation for Impacts to State Waters	Notify agencies of any change of conditions to the Project (site conditions, impacts, mitigation).	ECM	< 7d upon discovery				
		x	BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Operations	Annually				
		x	BIO-23	Decommissioning and Closure Plan	Revise and submit Decommissioning and Closure Plan every 5yrs during operations.	Operations	every 5yrs				
		x	BIO-23	Decommissioning and Closure Plan	Implement a final Decommissioning and Closure Plan.	Operations	Project closure				
	x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Submit status report of Reveg Plan yearly.	Tetra Tech	Jan-31 Annually				
	x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Implement Revegetation Plan.	Fluor	Ongoing				
		x	BIO-24	Revegetation of Temporarily Disturbed Areas	Provide compliance documentation and status of completion of the Reveg Plan.	Tetra Tech	< 30d after construction completion		07/30/14		
			BIO-25		DELETED						
			BIO-26		DELETED						
	x	x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Implement a CST Protection and Mitigation Plan.	Tetra Tech	Ongoing				
	x		BIO-28	Golden Eagle Inventory and Monitoring	If a nest is found, notify agencies submit final Golden Eagle Monitoring and Management Plan.	DB/Thomas	< 30d after detection				
	x		BIO-28	Golden Eagle Inventory and Monitoring	Survey for golden eagle annually during construction.	DB/Thomas	Annually				
x	x		CUL-3	Cultural Resources Personnel	Submit resume of CRS replacement (if necessary).	AECOM	10d pt CRS departure				N/A
x	x		CUL-3	Cultural Resources Personnel	CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities.	Jessica Auch	Ongoing				
x	x		CUL-3	Cultural Resources Personnel	Submit letter with names and quals of additional CR Monitors.	AECOM	5d pt arrival on site		as needed	30-Mar-11	
	x		CUL-4	Project Documents for Cultural Resources Personnel	If phased construction schedule changes, submit notice of change.	Jessica Auch	< 5d of decision				
	x		CUL-4	Project Documents for Cultural Resources Personnel	Submit weekly schedule and location of activities to CRS and CPM during ground disturbance.	Jessica Auch	Weekly		01/17/11		
	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.	Jessica Auch	> 30d after request to suspend construction				
	x		CUL-6	Cultural Resources Report	Submit documentation of CRR distribution to parties.	Jessica Auch	< 10d of CRR approval				
		x	CUL-6	Cultural Resources Report	Submit the final CRR.	Jessica Auch	< 180d after completion of gd		12/28/14		
x			CUL-7	Worker Environmental Awareness Program	CRS to submit WEAP training acknowledgement form.	Jessica Auch	> 15d pt gd		01/01/11		
	x		CUL-7	Worker Environmental Awareness Program	Submit all new WEAP acknowledgement forms and a running tally of trained employees in monthly compliance report.	Jessica Auch	Monthly		Monthly		
	x		CUL-7	Worker Environmental Awareness Program	Conduct WEAP training for all new workers prior to and during gd (including landscaping)	Jessica Auch	Ongoing				
	x		CUL-8	Construction Monitoring Program	Geoaarchaeologist to observe and sample all trenching of Tline as part of PTCNL documentation and possible NRHP nomination program (CUL-1).	Jessica Auch	1-Aug-11				
x	x		CUL-8	Construction Monitoring Program	Submit statement daily during gd if "no cultural resources over 50 years of age were discovered".	Jessica Auch	daily		01/17/11	Ongoing	
	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.	Jessica Auch	Monthly		Monthly	1-Apr-11	
	x		CUL-8	Construction Monitoring Program	Submit justification for reduction or cessation of CRS daily reporting.	Jessica Auch	< 24hrs pt change of reporting			8-Mar-11	3/28/2011
	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)	Jessica Auch	daily				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	x		CUL-8	Construction Monitoring Program	Notify CPM of NCRs w/in 24 hrs, recommend corrective action.	Jessica Auch	< 24hr of discovery				
	x		CUL-8	Construction Monitoring Program	Include report of any NCRs in monthly compliance report.	Jessica Auch	Monthly				
x	x		CUL-8	Construction Monitoring Program	Submit a copy of any Native American employment request and a copy of a response letter.	Jessica Auch	< 15d of receipt		02/10/11	8-Feb-11	Approved 3/2/2011
x			CUL-8	Construction Monitoring Program	CPM to provide CRS with daily monitoring form.	Jessica Auch	> 30d pt gd		12/17/10	26-Nov-10	NA
x	x		CUL-8	Construction Monitoring Program	Submit documentation of transmittals to Native American representatives following discovery of cultural material.	Jessica Auch	< 30d upon discovery				
x	x		CUL-8	Construction Monitoring Program	Submit "discovery" responses from tribes.	Jessica Auch	< 15d of receipt				
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.	Jessica Auch	< 24hr of discovery			Ongoing notification	
	x		CUL-10	WEAP - Cultural Considerations	Implement CRMMP when within 30meters of these sites.	Jessica Auch	Ongoing				
x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete.	Jessica Auch	< 1w of data recovery completion			1-Feb-11	
x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete. Phase II	Jessica Auch	< 1w of data recovery completion		03/30/11		
	x		CUL-11	Data Recovery for Large sites	Submit letter report of data recovery.	Jessica Auch	< 1w of data recovery completion				
	x		CUL-11	Data Recovery for Large sites	Submit letter report of data recovery. Phase II	Jessica Auch	< 1w of data recovery completion		03/30/11		
	x	x	CUL-11	Data Recovery for Large sites	Submit to CPM any draft research paper to be presented at a professional organization.	Jessica Auch	> 15d pt presentation				
x			CUL-11	Data Recovery for Large sites	Notify CPM of recovery at large sites.	Jessica Auch	> 45d pt gd at site		12/02/10	21-Dec-10	NA
	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.	Jessica Auch	< 7d pt gd at site		04/25/11		
x	x		CUL-13	Flag and Avoid	CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072: avoid impacts to these sites.	Jessica Auch	pt gd within 30m of site		01/16/11		
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.	Jessica Auch	Monthly		01/16/11		
x	x		CUL-13	Flag and Avoid	Flag buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072.	Jessica Auch	pt gd at site		05/01/11		
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.	Jessica Auch	pt gd		01/16/11	1-Mar-11	Pending
x			CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Submit to CPM letter report that data recovery is complete.	Jessica Auch	< 7d of data recovery completion			2/1/2011 2/11/11	Approved 2/14/11
x	x		CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Implement CRMMP within 30 meters of these sites.	Jessica Auch	Ongoing				
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.	Jessica Auch	> 15d pt gd within 30m of site			17-Jan-11	
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	Jessica Auch	> 15d pt gd within 30m of site			9-Mar-11	3/28/2011
	x		CUL-18	Compliance with BLN Programmatic Agreement	Comply with BLM Programmatic Agreement.	Jessica Auch	Ongoing				
	x	x	HAZ-1	Hazardous Materials list of approved substances	Do not use hazmats not listed, or in quantities listed in App A.	Fluor / Operations	Ongoing				
		x	HAZ-1	Hazardous Materials list of approved substances	Submit a list of haz mats contained at the facility in the Annual Compliance Report.	Fluor / Operations	Annually				
	x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Hazardous Materials Business Plan.	Fluor	> 60d pt receipt of hazmat	02/18/13	03/04/13		
	x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Spill Prevention, Control, and Countermeasure Plan.	Mosley	> 60d pt receipt of hazmat	02/18/13	03/04/13		
	x		HAZ-3	Safety Management Plan for Hazardous Material	Submit a Safety Management Plan.	Fluor	> 60d pt receipt of hazmat	02/18/13	03/04/13		
	x	x	HAZ-3	Safety Management Plan for Hazardous Material	Implement Safety Management Plan.	Fluor / Operations	Ongoing				
		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.	Fluor / Operations	Annually				
	x		HAZ-6	Operations Site Security Plan	Submit a Operations Site Security Plan.	Fluor	> 30d pt receipt of hazmat	03/20/13	04/03/13		
		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.	Fluor / Operations	Annually				
	x		Public Health-1	Cooling Water Management Plan	Submit a Cooling Water Management Plan.	Fluor	> 60d pt cooling tower operation				

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	x	x	NOISE-2	Noise Complaint Process	Document, investigate, evaluate, and attempt to resolve all project-related noise complaints.	Fluor / Operations	Ongoing				
	x	x	NOISE-2	Noise Complaint Process	Contact individual making complaint.	Fluor / Operations	< 24hr of receipt				
	x	x	NOISE-2	Noise Complaint Process	Submit the Noise Complaint Resolution Form.	Fluor / Operations	< 5d of receipt				
	x	x	NOISE-3	Noise Control Program	Make the Program available to OSHA upon request.	Fluor / Operations	Ongoing				
		x	NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	Operations	following first sustained output of 90%				
		x	NOISE-4	Occupational Noise Survey	Make the report available to OSHA and Cal/OSHA upon request.	Operations	Ongoing				
		x	NOISE-4	Occupational Noise Survey	Submit report of survey findings.	Operations	< 30d after test				
x	x		Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit compliance documentation in the Monthly Compliance Report.	Fluor	MCR				
		x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit results of monitoring and maintenance activities in Annual Compliance Report.	Fluor / Operations	Annually				
	x	x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Update and maintain the DESCP for the life of the Project.	Fluor / Operations	Ongoing				
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				
	x		Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water from wells, seeps and springs quarterly and at the end of the construction. Submit report on water samples, including all calculations and assumptions quarterly.	Worley Parsons	< 30d following quarter end		04/30/11		
	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit documentation of monetary compensation to well owners.	NextEra	< 30d of payment				
	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				
	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				
		x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a 5 year monitoring report.	Operations	5yrs after start of operation				
	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 / Operations	Jan-31 Annually				
	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If required, compensate landowners by March 31.	NextEra	Mar-31 Annually				
	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				
	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If GW levels are lowered and pumps exposed, reimburse well owner to lower pumps. If pumps cannot be lowered, deepen the well(s) or construct new ones.	NextEra	Ongoing				
	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water level measurements semi-annually after the first year.	Worley Parsons / Operations	semi-annually after first yr of monitoring		01/17/12		
x	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit monitoring reports, complaints, studies and data.	Worley Parsons / Operations	< 10d of receipt				
		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				
	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				
	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				
	x		Soil & Water-3	Groundwater Well Impact Compensation	Submit all documentation and calculations i.e. compensation for energy costs associated with additional lift requirements.	Worley Parsons	< 30d after approval				
	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				
	x	x	Soil & Water-3	Groundwater Well Impact Compensation	Submit a report of compensation provided for increased energy costs.	NextEra	< 30d of payment				
	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				
	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit documentation that drilling was conducted in compliance with 23 CCR, sections 2510 et seq.	Fluor	< 15d after GW well completion		07/16/11		
	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit two copies of any proposed well permit changes.	Fluor	< 10d of submittal or receipt				
	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a Well Completion Report. Concurrently, submit a copy of well drilling logs, water quality analyses, and any inspection reports.	Fluor	< 60d after GW well construction		08/29/11		
	x		Soil & Water-5	Construction and Operation Water Use	Submit a semi-annual report of construction water use.	Fluor	semi-annually		06/30/11		
	x	x	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (g/month and total).	Fluor / Operations	Annually				
	x		Soil & Water-5	Construction and Operation Water Use	GW use during construction must not exceed an annual average of 1,368 afy.	Fluor	Ongoing				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
		x	Soil & Water-5	Construction and Operation Water Use	GW use during operations must not exceed 202 afy	Operations	Ongoing				
	x	x	Soil & Water-6	Waste Discharge Requirements	Submit compliance documentation for the WDRs in Appendices B, C, and D.	Worley Parsons	< 60d pt waste discharge		09/02/13		
	x	x	Soil & Water-6	Waste Discharge Requirements	Submit annual waste discharge permit fee associated with this facility to the Water Boards	Worley Parsons					
	x	x	Soil & Water-6	Waste Discharge Requirements	Submit (for rev and approve) any change to the design, construction, or operation of the evaporation basins, treatment units, or associated storm water system pt initiating changes.	Worley Parsons	pt initiating changes				
	x	x	Soil & Water-6	Waste Discharge Requirements	Submit all monitoring reports required by the WDRs and details of any nonconformance.	Worley Parsons	Ongoing				
		x	Soil & Water-7	Septic System and Leach Field Reqs	Comply with County and State reqs for sanitary waste disposal facilities.	Operations	Ongoing				
	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.	Fluor	> 30d pt start of operations		10/01/13		
	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	Fluor	> 60d pt operation		09/01/13		Michelle from WP working with Riverside County for permits
		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					
		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				
	x	x	Soil & Water-13	Channel Maintenance Program	Supervise the implementation of a Channel Maintenance Program.	Fluor / Operations	Ongoing				
	x		Soil & Water-13	Channel Maintenance Program	Ensure the Project Construction Manager receive training on the Channel Maintenance Program.	Fluor	Ongoing				
	x		Soil & Water-13	Channel Maintenance Program	Submit two copies a Channel Maintenance Program.	Fluor	> 60d pt start of project related activity		03/02/11		
		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				
x			Soil & Water-13	Channel Maintenance Program	Submit written commitment to adopt and implement the Program.	Fluor	> 60d pt start of project related activity		03/02/11		
		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				
	x	x	Soil & Water-15	Colroado River Flow Mitigation, Water Supply Plan	Implement Water Supply Plan mitigation measures.	Jeff Harvey	Ongoing				
		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.	Fluor / Operations	Annually				
	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				
			Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Construct one monument monitoring station per production well or a minimum of three stations.	Worley Parsons	1-Jul-11				
		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				
			Soil & Water-18	Water Policy Compliance Water Supply Plan	DELETED						
	x	x	Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Monitor GW quality and levels semi-annually and submit data semi-annually.	Worley Parsons	semi-annually		06/30/11		
x	x		TRANS-2	Vehicle Weight Limits	Retain copies of transportation permits and supporting documentation on-site for inspection if requested.	Fluor					
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.	Fluor	MCR		05/01/11		
x	x		TRANS-3	Public ROW Encroachment	Obtain necessary encroachment permits from Caltrans and all relevant jurisdictions. Report receipt of permits in Monthly Report.	Fluor	MCR		01/16/11		
	x	x	TRANS-3	Public ROW Encroachment	Retain copies of encroachment permits onsite for inspection for at least six months after the start of commercial operation.	Operations	> 6m after start of operation		01/01/14		
		x	TRANS-4	Hazmat Transport Permits/Licenses	Retain copies of hazardous material transport permits onsite for inspection.	Operations	> 6m after start of operation		01/01/14		
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.	Fluor	pt gd		05/01/11		
	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.	Fluor	Ongoing				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
		x	TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit letter of ROW repair completion, including concurrence from Caltrans or the County.	Fluor					
		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.	Fluor	< 60d after construction completion		08/29/14		
	x		TLSN-1	Compliance with Cal Pub Utility Commissions (Tline)	Construct Tline in accordance with CA PUC's req's, California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	Fluor	Ongoing				
		x	TLSN-2	Pre- and Post- Energization Maesurements	Measure strengths of EMF after energization according to (ANSI/IEEE) standard procedures < 6months of start of operations.	Operations	< 60d of test				
	x	x	TLSN-2	Pre- and Post- Energization Maesurements	Measure strengths of EMF before energization according to (ANSI/IEEE) standard procedures. Submit measurement report.	Operations	< 60d of test				
		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				
		x	TLSN-3	Combustible Material Inspections	Maintain Tline ROW free of combustible material.	Operations	Ongoing				
	x		TLSN-4	Metallic Object Grounding in ROW	Submit compliance documentation.	Fluor	> 30d pt energization		08/09/13		
	x		TLSN-4	Metallic Object Grounding in ROW	Ensure all permanent metallic objects within the Tline ROW are grounded.	Fluor	Ongoing				
	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.	Fluor	upon completion of installation				
		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				
	x		VIS-2	Temporary and Permanent Exterior Lighting	Submit a Lighting Mitigation Plan.	Fluor	> 60d pt ordering permanent lighting		06/30/11		
	x	x	VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM of lighting complaint resolution/implementation.	Fluor	< 48hr of resolution				
	x		VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM that permanent lighting is installed and ready for inspection.	Fluor	pt operation		10/31/13		
	x		VIS-2	Temporary and Permanent Exterior Lighting	If after inspection lighting modifications are needed, notify CPM that modifications are complete.	Fluor	< 30d after notification				
	x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit any received lighting complaints. Include proposal to resolve and schedule.	Fluor	< 48hr of complaint receipt				
	x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit a copy of complaint resolution report.	Fluor	< 30d of resolution				
	x		VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	Fluor	> 90d pt ordering permanent lighting		06/30/11		
	x		VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	Fluor	> 30d pt ordering temp lighting		04/01/11		
			VIS-3	Tline setback from I-10	DELETED						
	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.	Fluor	Ongoing		06/04/12	Oct-11	
	x	x	VIS-4	Reflective Glare Mitigation	Submit copy of complaint glare resolution form.	Fluor / Operations	< 30d of receipt				
	x	x	VIS-4	Reflective Glare Mitigation	Submit any glare complaints, including resolution and schedule.	Fluor / Operations	< 48hr of complaint receipt				
	x	x	VIS-4	Reflective Glare Mitigation	Notify CPM resolution/implementation for glare complaints.	Fluor / Operations	< 48hr of resolution				
	x		VIS-4	Reflective Glare Mitigation	Submit a fencing plan describing mitigation for off-site glare.	Fluor	> 90d pt fence construction		07/24/13		
	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.	Fluor	Ongoing				
	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.	Fluor	< 24hr after stop work				
	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.	Fluor	< 5d of receipt				
	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.	Fluor	Monthly		Monthly		
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.		pt generating haz waste		10/31/13	MAY 2012 MCR and Formal Sub on 2/19/13	
	x	x	WASTE-7	Waste Management-related Enforcement Action Notification	Notify CPM of an impending waste-management enforcement action and owners response/resolution.	Fluor	< 10d of notification from authorities				
			WASTE-8	Reuse/Recycling Plan	DELETED						

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
		x	WASTE-9	Operation Waste Management Plan	Submit actual volume of waste generated and management methods used in each Annual Compliance Report.	Mosley	Annually				
	x		WASTE-9	Operation Waste Management Plan	Submit the Operation Waste Management Plan.	Fluor	> 30d pt operation		10/01/13		
	x		WASTE-9	Operation Waste Management Plan	Submit any required revisions of Ops Waste Plan.	Fluor	< 20d of notification from CPM				
		x	WASTE-9	Operation Waste Management Plan	Update Operations Waste Management Plan as necessary.	Operations	Ongoing				
		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				
	x	x	WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Submit release/spill documentation . If the release was reported, include agency communication.	Fluor / Operations	< 30d of release date				
	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.	Fluor / Operations	Ongoing				
	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.	Fluor/Mosley	> 30d pt first fire or commissioning		Aug. 12, 2012		
	x		Worker Safety-2	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		Aug. 12, 2012		
		x	Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	(if opted), provide letter of credit to RCFD annually.	NextEra	Annually				
		x	Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Include joint exercise training documentation with the RCFD and other solar plants in the annual compliance report.	Operations	pt start of commissioning Annually				
		x	Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Submit verification that a joint training program with the RCFD is established.	Operations	> 10d pt commissioning		10/21/13		
		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				
	x	x	GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO).	BV/CPM	< 30d of receipt				
	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/CPM	> 30d pt activity				
	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.	Fluor	< 30d after receipt of CO				
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.	Fluor	Monthly		12/04/10	17-Nov-10	NA
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				
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.	NextEra	< 30d Monthly		01/05/11		
	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.	Fluor	MCR				
	x		GEN-6	Special Inspector(s) - Staff Assignment	Notify the CPM of the CBO's approval of replacement inspector.	Fluor	< 5d of approval				
	x		GEN-6	Special Inspector(s) - Staff Assignment	If the special inspector is reassigned or replaced, submit resume of replacement to CBO.	Fluor	< 5d of replacement				
	x		GEN-6	Special Inspector(s) - Staff Assignment	Special inspectors submit inspection reports to the CBO and RE.	Fluor	Ongoing				
	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.	Fluor	after construction completion		06/30/14		
	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.	Fluor	MCR		Monthly		
	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.	Fluor	< 5d after CBO disapproval				
	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.	Fluor	Ongoing				
	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.	Fluor					
	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.	Fluor	< 15d after construction completion		07/15/14		

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	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.	Fluor	Monthly				
		x	GEN-8	As-builts, CBO Notification of Completion and Compliance	Provide CBO with a full set of electronic plans.	Fluor	< 90d after construction completion		09/28/14		
	x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Notify the CPM after obtaining the CBO's final approval of work completed.	Fluor	< 15d after construction completion		07/15/14		
x			CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Include CBO approval in following monthly compliance report.	Fluor	< 30d after approval				
	x		CIVIL-2	RE Stop Work Authority and Notification	Submit modified plans to the CBO for review and approval based on these new conditions.	Fluor	Ongoing				
	x		CIVIL-2	RE Stop Work Authority and Notification	Submit CBO approval of modified plans to CPM.	Fluor	< 24hr of approval				
	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.	Fluor	< 24hr of discovery				
	x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Include a list of NCRs in the following Monthly Compliance Report.	Fluor	MCR		Monthly		
	x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Perform inspections in accordance with the 2007 CBC. Report any discrepancies immediately.	Fluor	Ongoing				
	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.	Fluor	< 5d of discovery				
	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.	Fluor	< 30d after approval				
	x		CIVIL-4	Final Grading Plans - CBO submittal	After completion of finished grading and erosion and sedimentation	Fluor	< 30d completion of drainage work				
	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	Fluor	< 30d after approval				
	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	Fluor	> 60d pt start of construction listed GEN-2.		03/02/11		
	x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities		Cody	< 5d of NCR				
	x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities		Cody					
	x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities		Cody	< 15d CBO response				
	x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	Submit a copy of the NCR corrective action to the CBO and the CPM.	Fluor	< 5d of resolution				
	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.	Cody	on a sched suitable to CBO				
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.	Cody	< 30d of approval				
	x		STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Submit to the CBO final design plans for tanks or vessels.	Fluor	> 30d pt installation				
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.	Fluor	MCR				
	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.	Fluor	< 30d following inspection				
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.	Fluor					
	x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Request CBO inspection of any such major piping or plumbing system.	Fluor					
	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.	Fluor	MCR		Monthly		
	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.	Fluor	< 30d of submittal				
	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.	Fluor	> 30d pt installation				
	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.	Fluor/CBO	pt operation		10/31/13		
	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.	Fluor	> 30d pt installation				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Include CBOs inspection approval in the monthly compliance report following any inspection.	Fluor					
	x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation.	Fluor	upon installation				
	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.	Fluor	Ongoing				
	x		MECH-3	CBO Submittal - HVAC Specs, etc.	Upon completion of any increment of construction, request CBO's inspection and approval of that construction.	Fluor	Upon completion of increment of construction				
	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.	Fluor	> 30d pt const of HVAC or refrig system				
	x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Submit to the CBO the final plant design plans and a signed/stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.	Fluor	> 30d pt start of each increment of construction		04/01/11		
	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.	Fluor					
	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.	Fluor	MCR		Monthly		
	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.	Fluor	> 30d pt start of each increment of construction		04/01/11		
	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.	Fluor / Operations					
x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	Submit letter of any construction phase schedule changes.	Fluor	< 5d of identification				
x	x		PAL-2	PRS Submittal - Stie Drawings Showing Disturbance Areas	If construction proceeds in phases, submit maps and drawings.	Tetra Tech	pt start of each increment of construction		05/01/11	4-Jan-11	
	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.	Tetra Tech	until gd is completed		01/17/11		
	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.	sub to Tt	Ongoing				
	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.	sub to Tt/FI	weekly during gd		01/17/11		
	x		PAL-4	Paleontological WEAP	Submit Paleo training documentation in Monthly Compliance Report.	Tetra Tech	MCR		Monthly		
	x		PAL-4	Paleontological WEAP	Submit resume of any alternative paleo trainer (if applicable).	Tetra Tech	Ongoing				
	x		PAL-5	PRS Monitoring and Stop Work Authority	Include summary of paleo monitoring activities and finds in the Monthly Compliance Report.	Tetra Tech	MCR		Monthly		
	x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any significant paleo resource encountered.	Tetra Tech	< 24hrs upon discovery				
	x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any noncompliance related to paleo resources.	Tetra Tech	< 24hrs upon discovery				
	x		PAL-5	PRS Monitoring and Stop Work Authority	Implement PRMMP, maintain daily logs. Submit for approval any change in paleo monitoring plan.	Tetra Tech	Ongoing				
		x	PAL-6	Paleontological Resource Curation	Retain copies of signed contracts with the designated PRS and other specialists; also the Paleontological Resource Report.	Tetra Tech	3yr after construction completion		07/01/14		
	x		PAL-6	Paleontological Resource Curation	Submit copy of letter to curating institution - if fossils found.	Tetra Tech	Ongoing				
	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.	Tetra Tech	Ongoing				
	x		PAL-7	Paleontological Resources Report	Submit a Paleontological Resources Report (PRR).	Tetra Tech	< 90d after gd		09/28/14		
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.	Fluor	pt construction		07/24/12		
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.	Fluor	MCR				
	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.	Fluor	< 5d of approval				

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	x		TSE-2	Electrical Engineer - Staff Assignment Civil Engineer - Staff Assignment	If an engineer is reassigned or replaced, submit resume of replacement.	Fluor	< 5d of replacement				
	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 resolution is disapproved, advise the CPM the reason for the disapproval, along with the revised corrective action required to obtain the CBO's approval.	Fluor	< 15d of receipt				
	x		TSE-3	Design Discrepancy Submittals	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.	Fluor	pt start of each increment of construction				
	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.	Fluor	MCR				
	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.	Fluor					
		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.	Fluor	1yr after construction completion		06/26/15		
	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.	Fluor	MCR		Monthly		
	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.	Fluor	pt const of Tline		07/24/12		
	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.	Fluor	pt const of Tline		07/24/12		
		x	TSE-7	ISO Notification	Submit telephone notification to the California ISO Outage Coordination Department	Operations	> 1d pt synchronizaiton		09/07/13		
		x	TSE-7	ISO Notification	Submit to the California ISO a letter stating the proposed date of synchronization.	Operations	> 7d pt synchronizaiton		09/01/13		
		x	TSE-7	ISO Notification	Submit a report of conversation with the California ISO.	Operations	> 1d pt synchronizaiton		09/07/13		
		x	TSE-8	Code Compliance	Submit: a) "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in responsible charge. A statement attesting to conformance with codes and standards shall be provided concurrently. b) An "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in responsible charge or acceptable alternative verification. Retain "As built" drawings at the power plant and make available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan". c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Operations	< 60d after first synchronization		11/07/13		

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

Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
	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.	Fluor / Operations	< 10d upon discovery				
	x	x	TSE-8	Code Compliance	Inspect transmission line to ensure conformance with applicable codes and standards.	Fluor / Operations	Ongoing				
	x	x	COMPLIANCE-1	Unrestricted Access	Provide CEC staff and delegate agencies or consultants unrestricted access to the power plant site.	NextEra					
	x	x	COMPLIANCE-2	Compliance Record	The project owner shall maintain project files on-site.	Operations					
	x	x	COMPLIANCE-2	Compliance Record	Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Operations					
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					
x			COMPLIANCE-4	Pre-con Matrix and tasks	Submit a pre-construction matrix identifying only those conditions that must be fulfilled before the start of construction.	Tetra Tech / Fluor	pt construction		01/16/11	5-Nov-10	pending
x			COMPLIANCE-5	Compliance Matrix	Submit a compliance matrix with each monthly and annual compliance report	ECM	MCR			7-Dec-10	
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.	ECM	1st MCR		Monthly	12/7/2010 1/12/11	
		x	COMPLIANCE-7	Annual Compliance Reports	Submit Annual Compliance Reports instead of Monthly Compliance Reports.	Operations	Annually				
x	x	x	COMPLIANCE-8	Confidential Information	Submit confidential information to CEC Executive Director with a request for confidentiality.	Fluor / NextEra	Ongoing				
		x	COMPLIANCE-10	Planned Facility Closures	Submit a closure plan to the CPM.	Operations	> 12m pt closure				
	x		COMPLIANCE-11	Unplanned Permanent Facility Closure	Submit an on-site contingency plan.	Fluor	> 90d of CPM determination				
	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.	Fluor	< 24 hrs of closure				
x	x	x	COMPLIANCE-13	Post Certification Changes to the Decision	Petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	NextEra	Ongoing				
			AQ-8		See AQ-9						
			Gen 2		Revise list	Fluor					

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

Genesis Solar Energy Project

BPC Master Equipment List January 2012

Equipment Type	Equip Number	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
International Truck	201070	International 4400	N/A	N/A	1HSMTAANX7H416035	2006	245	3	BPC	ARB, Inc	1/3/2012		
International Truck	201071	International 4400	66N5806	N/A	1HSMTAANX7H416066	2006	245	3	BPC	ARB, Inc	1/3/2012		
CAT 966K Loader	EW9X35	CAT	EW9X35	N/A	MME03058	2012	267	4	BPC	ARB, Inc	2/27/2012		
Backhoe 420E	RLF1940	CAT	UJ5H37	N/A	C4E17607	2011	89	3	BPC	ARB, Inc	3/23/2012		
Backhoe 420E	392086	CAT	AY7P48	N/A	CAT0420ETHL502145	2006	93	3	BPC	ARB, Inc	4/20/2012		
Backhoe 420E	392092	CAT	KX8H98	N/A	CAT0420EEPRA00367	2009	93	3	BPC	ARB, Inc	5/1/2012		
10K Sky Trac	343891	Cummins	HF5653	N/A	68324274	2011	50	3	BPC	Sunbelt Rental	3/5/2012		
10K Sky Trac	321505	Cummins	EG7H48	N/A	ACEXL0275AAG	2010	110	3	BPC	Sunbelt Rental	3/6/2012		
20K Forklift Hyster 210	07-792	Hyster	EJ9A88	N/A	D019D02307U	2007	155	3	BPC	Sunbelt Rental	3/6/2012		
Water Truck 4000G	462817	CAT	N/A	N/A	WAX14043	2006	275	3	BPC	Sunbelt Rental	4/5/2012		
56KV Generator	118527	Isusu	135459	12/31/2012	929449	2006	74	3	BPC	Sunbelt Rental	3/20/2012		
10K Sky Trac 10054	450631	Cummins	YL8A57	N/A	30212424	2005	109	3	BPC	Sunbelt Rental	3/15/2012		
10K Sky Trac 10054	450598	J.D.	WL3688	N/A	PE4045H534253	2005	99	3	BPC	Sunbelt Rental	4/18/2012		
75KV generator	358392	Isusu	155110	7/31/2014	124214	2011	97	3	BPC	Sunbelt Rental	4/11/2012		
45KV generator	368855	Isusu	155937	8/31/2014	125607	2011	75	41	BPC	Sunbelt Rental	4/11/2012		
10K Sky Trac 10054	381629	Cummins	WW9J44	N/A	46904990	2008	82	3	BPC	Sunbelt Rental	4/9/2012		
10K Sky Trac 10054	381631	Cummins	DM3H74	N/A	46865567	2008	110	3	BPC	Sunbelt Rental	4/9/2012		
10K Sky Trac 10054	427266	Cummins	RD4895	N/A	30697376	2005	109	3	BPC	Sunbelt Rental	3/30/2012		
10K Sky Trac 10054	321673	Cummins	TN7C35	N/A	73151730	2010	110	3	BPC	Sunbelt Rental	3/30/2012		
10K Sky Trac 10054	450631	Cummins	XL8A57	N/A	30212424	2005	109	3	BPC	Sunbelt Rental	4/16/2012		
10K Sky Trac 10054	381639	Cummins	CG5V33	41274	15516	2010	110	3	BPC	Sunbelt Rental	4/25/2012		
10K Sky Trac 10054	348226	Cummins				2010	110	3	BPC	Sunbelt Rental	5/15/2012		
T-800 Water Truck	213015	Kenworth	8N99354	8/13/0000	1NKDLU0XX4R052569	2003	375	3	BPC	ARB, Inc	5/24/2012		
56KV generator	338255	MQ Power	DCA705SIJ2C	6/30/2014	7351551		84	3	BPC	Sunbelt Rental	5/29/2012		
36KV generator	368854	MQ Power	DCA45USI2C	8/31/2014	8202291		70	3	BPC	Sunbelt Rental	5/29/2012		
100KW Diesel Generator	349720	MQ Power	155090	7/31/2012	7510368	2011	166	3	BPC	Sunbelt Rental	8/3/2012		
10K Shooting Boom Forklift	381645	JLG	XV9H65	N/A	160034533	2010	110	3	BPC	Sunbelt Rental	8/3/2012		
10K Shooting Boom Forklift	454967	SkyTrac	XB3W68	N/A	160046153	2010	110	3	BPC	Sunbelt Rental	8/28/2012		
100KW Diesel Generator	475209	MQ Power	132956	7/31/2015	7800205	2011	166	3	BPC	Sunbelt Rental	8/3/2012		
1750LB Skidsteer Loader	359670	Bobcat	CA7K47	N/A	A3L538171	2012	49	4	BPC	Sunbelt Rental	8/20/2012		
25K Straight Forklift	0560208	Hyster							BPC	Sunbelt Rental	8/29/2012		
580-M	31670	Case	M08A34	N/A	N/A	N/A	N/A	N/A	BPC	Charley's Backhoe (Owner/Oper)	7/19/2012	10/2/2012	
580-L Backhoe	153937	Case	SR6M85	N/A	N/A	N/A	N/A	N/A	BPC	Robert Jones (Owner/Oper)		10/2/2012	
45 Ton TEREX Crane	BE4512	RT345-1XL	MT8A46	7/31/2015	160952	2012	160	4	BPC	Carde Pacific	9/3/2012		
60' Art Manlift	240647	JLG	N/A	N/A	300134002	2009	82	3	BPC	Sunbelt Rental	9/28/2012		
60' Art Manlift	Pending	Pending	Pending	Pending	Pending	Pending	Pending	Pending	BPC	Sunbelt Rental	10/8/2012		
45KV generator													Sunbelt delivered 56KWs on
45KV generator													10/11 instead of these.
56KW Generator	119856	MQ Power	135311	1/31/2013	8800877	2011	90	3	BPC	Sunbelt Rental	10/10/2012		
56KW Generator	119866	MQ Power	135313	1/31/2013	8800886	2011	90	3	BPC	Sunbelt Rental	10/10/2012		
56KW Generator	467640	MQ Power	159017	7/31/2015	8802292	2012	98	3	BPC	Sunbelt Rental	10/10/2012		
3394RT Scissor Lift	247011	JLG	N/A	N/A	0200191193	N/A	82	3	BPC	Sunbelt Rental	10/10/2012		

Genesis Solar Energy Project

BPC Master Equipment List January 2012

Equipment Type	Equip Number	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
3394RT Scissor Lift	249299	JLG	N/A	N/A	0200191618	N/A	82	3	BPC	Sunbelt Rental	10/11/2012		
3394RT Scissor Lift	248357	JLG	N/A	N/A	0200190911	N/A	82	3	BPC	Sunbelt Rental	10/19/2012		
56KW Generator	494444	MQ Power	159997	8/31/2015	1385027825006882F11	2012	98	4	BPC	Sunbelt Rental	10/11/2012		
100KW Diesel Generator	113625	MQ Power	134361	8/31/2015	8500589	2012	123	4	BPC	Sunbelt Rental	10/11/2012		
56KW Generator	467644	MQ Power	159018	7/31/2015	8802310	2012	98	3	BPC	Sunbelt Rental	10/11/2012		
3394RT Scissor Lift	178912	JLG	N/A	N/A	0200173593	N/A	82	3	BPC	Sunbelt Rental	10/30/2012		

Genesis Solar Largo

1/08/2012

Equipment Type	Brand/Model	CA ARB Registration Number	Expiration Date	Vehicle Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demob. Date	Notes
10K Reach Forklift	Skytrak 10054	MK3P69	n/a	160032431 LG011705583 /	2007	75-130kw	3	Largo Concrete	RSC	11/21/11		
8K Reach Forklift	Gehl RS8	YE5K34	n/a	RS842JZ0616921 757179	2007	115-86	3	Largo Concrete	RSC	12/5/11		
8K Reach Forklift	Skytrak 8042	TK5B38	n/a	160029782 LGE15003852 /	2007	110-82	3	Largo Concrete	RSC	12/15/11		
8K Reach Forklift	Skytrak 8042	SG3T73	n/a	160042269 LGE15003364 /	2009	110-82	3	Largo Concrete	RSC	12/15/11		
Forklift	Gradell 5340-9W	EA4C39	n/a	T8807L475 697489	1999	110	3	PCS	OWNED	3/12/12		
Forklift	Skytrak 8042	MR4F99	n/a	LG021010016 866000	2010	130	3	Largo Concrete	RSC	2/16/2012		
Skiploader	JD 3210LE	FX8P94	n/a	0210LE884721 763095	2003	77.8	3	Largo Concrete	RSC	2/16/2012		
Skiploader	JD 210L J	TH3U69	n/a	1T0210LJLVB0890404 866995	2010	56-75	3	Largo Concrete	RSC	12/27/11		
Skiploader	JD 210L J	RR4Y66	n/a	1T0210LJEA0890262 813309	2010	56-75	3	Largo Concrete	RSC	12/5/11		
Skiploader	JD 210LJ	FH4J85	n/a	1T0210LJPB0890381 862352	2010	74KW	3	Largo Concrete	RSC	2/16/12		
Skiploader	JD210 LJ	UA7J75	n/a	1T0210LJKB0890382 862352	2010	74KW	3	Largo Concrete	RSC	3/26/12		
Skiploader	JD 210 LE	BP4H43	n/a	1T0210LE884563 751257	2005	75.1	3	Largo Concrete	RSC	3/26/2012		
3 Yard Loader	Deer 544-K	VL6L84	n/a	1DW544KZTA0628594 804736	2010	114 KW	3	Largo Concrete	RSC	1/10/12		
Loader	JD 210LE	KF5H65	n/a	T0210LE884232	2005	75	3	Largo Concrete	RSC	5/17/12		
Roller-Ingersol	SD116D4	EL3B97	n/a	186167 174902	2005	115	3	Largo Concrete	RSC	2/16/12		
Drill Rig - DR32	Soil Mec R312	NS6S47	n/a	2624 NL6547	2006	200	3	Anderson	n/a	12/21/11		
Drill Rig SR30	Soil Mec R312	JH7G66		4066 4046	2011	220	3	Anderson	n/a	3/26/12		
Drill Rig - DR24	Cat 330 BL	WN9V96		6DR03537	2000	222	3	Anderson	n/a	3/20/12		HOURLY
Drill Rig - DR38	CATERPILLAR	VM7C98		015CKCJC04556	2007	110	3	Anderson	n/a	3/26/12		HOURLY

Appendix B

Biological and Botany Reports

BIO-8: Impact Avoidance and Minimization Measures

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

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



Prepared for:

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January 2013

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INTRODUCTION

AECOM biologists are performing biological resource construction monitoring for the Genesis Solar Energy Project (Project or GSEP) on behalf of Genesis Solar, LLC. The GSEP construction activities are currently focused on the Plant Site (approximately 1,727 acres), Fiber Optic Line and the Transmission Line. The natural gas pipeline did not involve construction activities during the past month. Surveys for the transmission line, gas line, and fiber optic line installation were completed for construction outside the fence. Monitoring of these facility areas are being conducted in compliance with the following agency approvals and permits issued for the Project.

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

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

- Weekly reconnaissance for ravens, focusing on potential subsidies; and, daily recording of raven sightings.
- Biological monitoring of the Plant Site, Fiber Optic Line and Transmission Line.

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

PROJECT LOCATION AND DESCRIPTION

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

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

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

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

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

SUMMARY OF ACTIVITIES

Weekly activities for the month consisted of:

- General Construction Monitoring
 - Monitored Plant Site – General site activities including powerblock one and two construction, discharge into the sedimentation and evaporation pond, permanent fence construction, mirror installation, laydown yard activities, All Plant Site construction activities occurred within the desert tortoise (DT) exclusion fencing. One Western Burrowing Owl was observed in the NE channel and two Desert Kit Foxes were located on site. The kit foxes leave the site in the evening and return during the day. The foxes and the area they have occupied are being monitored. No other special status species sightings were observed on site during the month of January. No DT, American badger (AB), Couch's spadefoot toad (CST), or nesting birds were detected during monitoring.
 - Monitored the Access Road for roadkill and vehicle compliance. Roadkill was removed from the road and disposed of in accordance with agency approved methods (i.e., burial). The majority of plant traffic obeyed speed limits during January 2013. Speeding vehicles, if observed, were reported to the Environmental Compliance Manager and/or construction manager. Drivers observed speeding were held accountable by contractors. Vehicle speed and speed limits were discussed with contract personnel to reinforce compliance. Night time and day time speed limit hours were remained at 6:30 a.m. to dusk to account for seasonal changes in published civil twilight. The nighttime speed limit is 35 MPH. The daytime speed limit is 45 MPH.
 - Monitored fiber optic line installation activities outside of the tortoise exclusion fence –. Specifically, crews were reminded of the potential for sensitive species to occur outside the plant site fence and the importance of inspecting the ground beneath parked vehicles prior to any motor vehicle activity. The activities were monitored and the work areas cleared daily by biologists prior to the start of work. Ground disturbing activities associated with fiber optic activities were monitored during the month of January. No sensitive species were observed during fiber optic line installation.
 - Monitored transmission line pole delivery, hole drilling and pole setting outside of the tortoise exclusion fence. Pole pads were delineated with stakes and flagging to limit disturbance. Biological monitors were present during

drilling and pole setting activities. At the commencement of each work day the ground beneath equipment parked outside the tortoise exclusionary fence was inspected for wildlife and the areas of construction were surveyed for sensitive species. No sensitive species were found. Crews were reminded to remain within designated work areas and to inspect ground beneath vehicles prior to moving during morning tailboards and meetings. All areas were cleared prior to construction and the pole installation activities were monitored.

- Access Road construction south of I-10.
- BMs monitored dust suppression activities and water activities that had potential to result in ponding water. These activities were monitored daily to verify that ponding water was minimized and that water was spread and mixed with soil to prevent raven and other predator attraction. Ponding water at water tanks was minimized by scheduled water tank pad maintenance. Water discharge from tank testing was released into sedimentation pond 1 and resulted in ponding water. The ponding water was monitored. This ponding has caused further discharge into the completed, netted evaporation pond. There have been no mortalities associated with the evaporation pond netting. This was a one time pre operation discharge and future discharge will require additional agency review. A discharge plan is in development for future water discharge events.
- In accordance with conditions, if reportable spills occurred, contaminated soils from spills and drips were reported to DB and cleaned up. The contaminated soil is removed from site by Evergreen Environmental Services to be disposed of at a licensed facility. There were no reportable spills during the January reporting period.
- Exclusion Fence Monitoring
 - The temporary tortoise exclusionary fence was inspected on a weekly basis. The fence was intact and no breaches were found during January 2013.
 - The DT grate at the Plant Site entry from the access road was inspected on a daily basis and maintenance (e.g., removal of soil build-up) was performed when necessary. The DT grate was intact and functional during January 2013.
 - The permanent DT exclusion fence is installed around the plant site, on the inner side of the security fence. The DT exclusion fence is now being installed on the outer side of the security fence. The temporary DT exclusion fence is still in place outside the permanent security fence and exclusionary

fence. To mitigate for the inside the fence installation, both sides of the fence are now inspected on a monthly basis.

- Raven Monitoring
 - Monitors recorded incidental raven observations and activities during general construction monitoring. Typically, ravens were observed along the access road perched on power poles or flying.
 - Biweekly point count surveys were conducted. Zero total ravens were observed during the bi-weekly raven point count surveys in January (January 8 and January 22). Biweekly raven counts will continue throughout the construction phase. No raven nesting sites have been observed. Potential subsidies (i.e., possible nesting, ponded water, roadkill) were monitored per the Raven Plan.
- Monitoring of ESAs
 - All construction activities, with the exception of fiber optic line installation and transmission pole installation, occurred within the Plant Site.
 - All biological ESAs are outside of the tortoise exclusionary fencing. ESAs along access road are marked.
- Special Status Species Surveys and Monitoring
 - DKF monitoring with wildlife cameras and radio telemetry was conducted on behalf of CDFG and BLM. This monitoring effort is in support of a CDFG and BLM study and is not part of the Project monitoring requirements. Therefore, data and information from these monitoring efforts are not reported further in the MCR.
 - One DKF location is being monitored on site. The foxes are beneath the pipe in a laydown yard. The foxes leave the site during the day and return to the laydown area during the day. The pipe yard and pipe pulling is monitored when pipe is taken from the laydown.

SURVEY METHODS AND RESULTS

Pre-construction surveys have been completed and the GSEP site is in the construction phase. Results of the transmission line, fiber optic line and gas line surveys will be summarized upon their completion. Surveys conducted during construction per the COCs are summarized below

and include nesting birds (as-needed), raven monitoring, and golden eagle surveys. Survey methods and results for activities conducted during January 2013 are summarized below.

Nesting Bird Surveys

No nesting bird surveys were required or conducted during the January 2013 reporting period. It is currently outside of the nesting season.

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 260 incidental raven sightings during 23 monitoring days. This represents a month-over-month increase¹ in incidental raven observations.

Formal raven monitoring in accordance with the COCs consisted of monthly and bi-weekly surveys per the Raven Plan. There are seven raven monitoring point locations (Attachment 1). Raven recorded are within an 800m radius. Zero ravens were observed during both the January 8 and January 22 surveys. Zero raven were observed during the previous monthly raven count surveys.

WEED AND ESA MONITORING

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

¹There were approximately 82 incidental raven sightings in December 2012. 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.

for implementation in fall 2012 pending BLM approval of the PUP if weeds are present in disturbance areas at that time.

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

WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)

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

GENERAL DAILY NOTES AND OBSERVATIONS

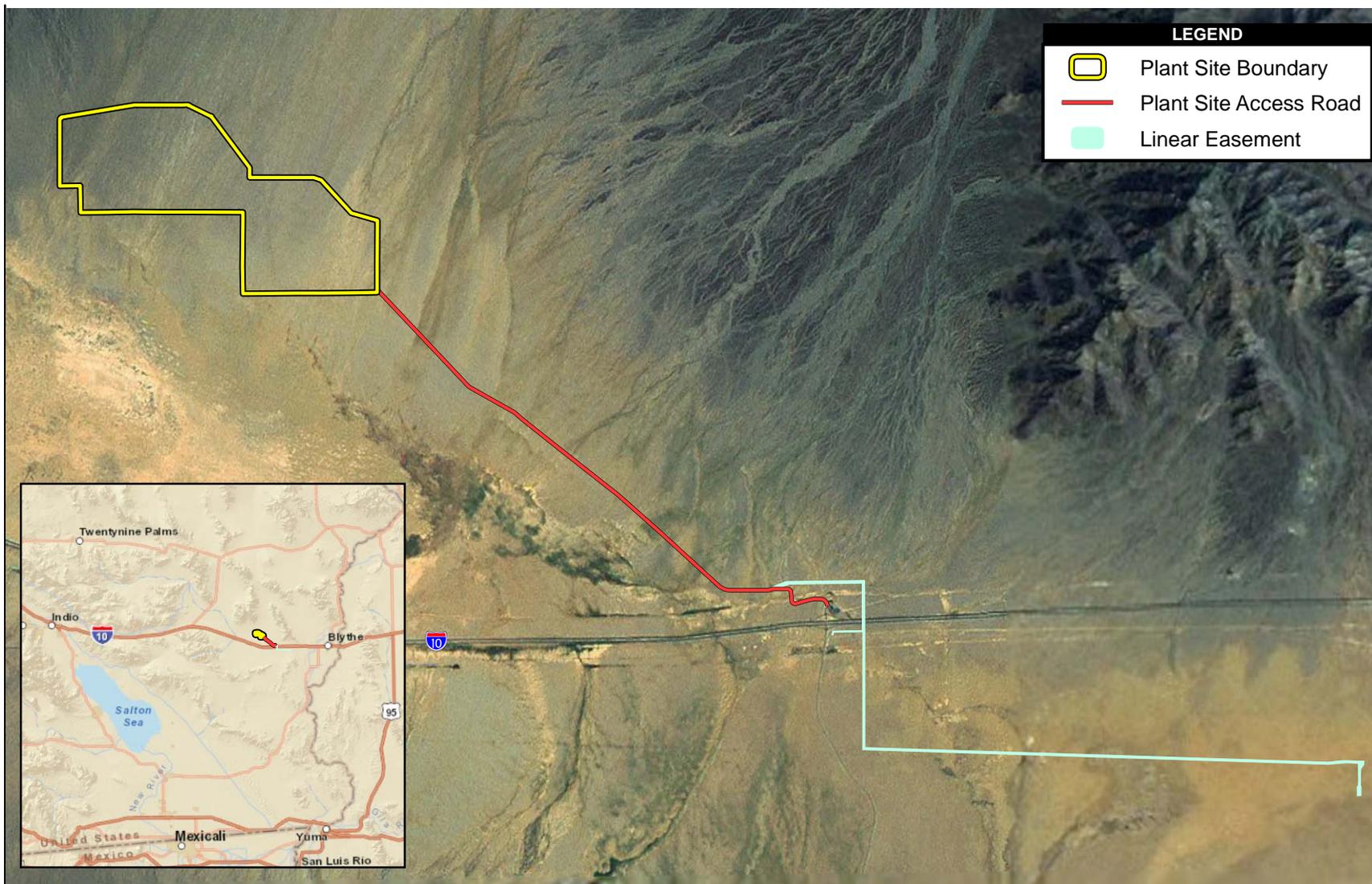
Daily notes detailing compliance monitoring activities are provided in the forms attached (Attachments 3 and 4).

REFERENCES

Not applicable during this reporting period.

ATTACHMENT 1

FIGURES



LEGEND

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

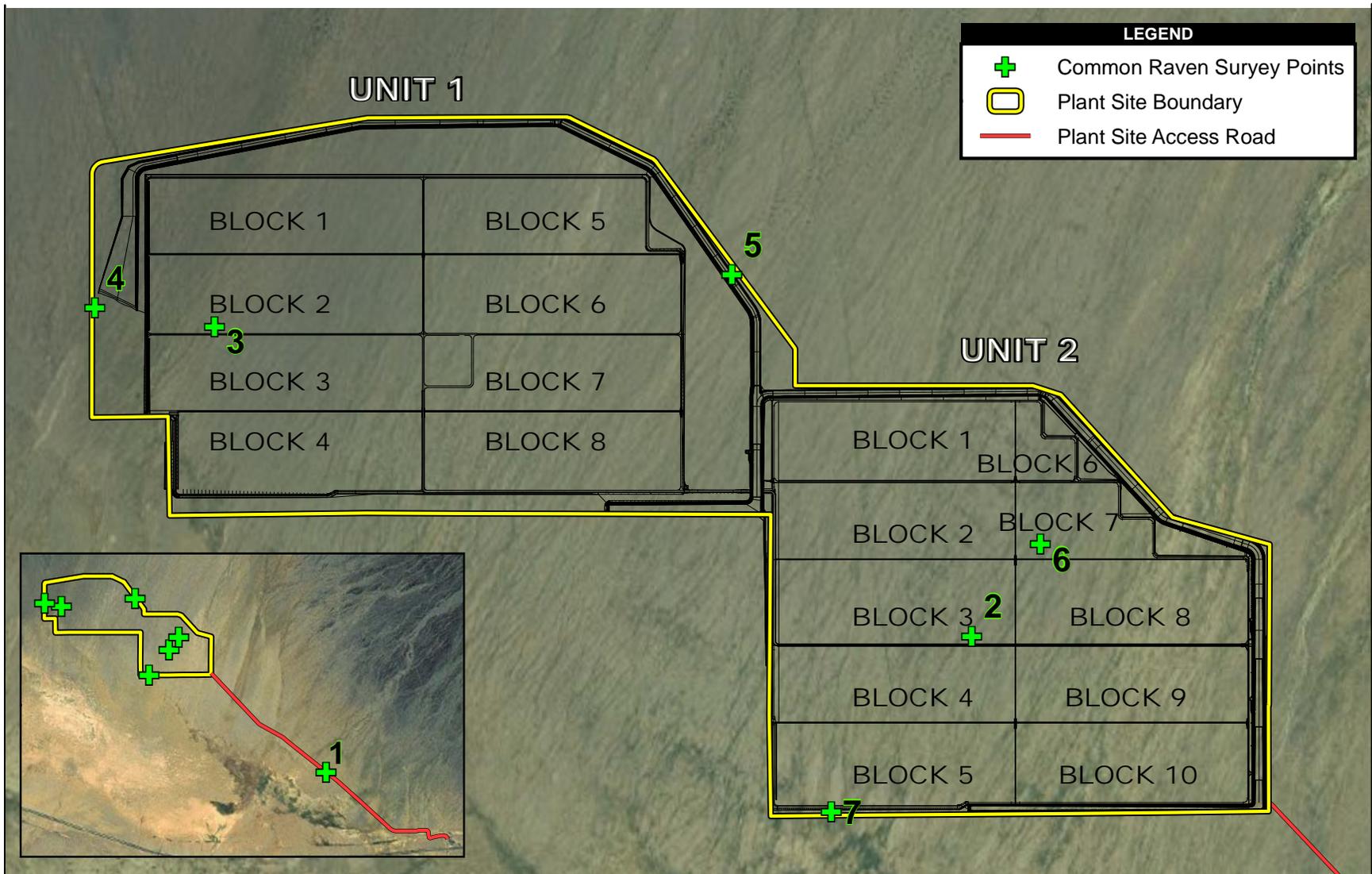
Source: GSEP 2012; AECOM 2012; i-cubed 2010; ESRI 2012



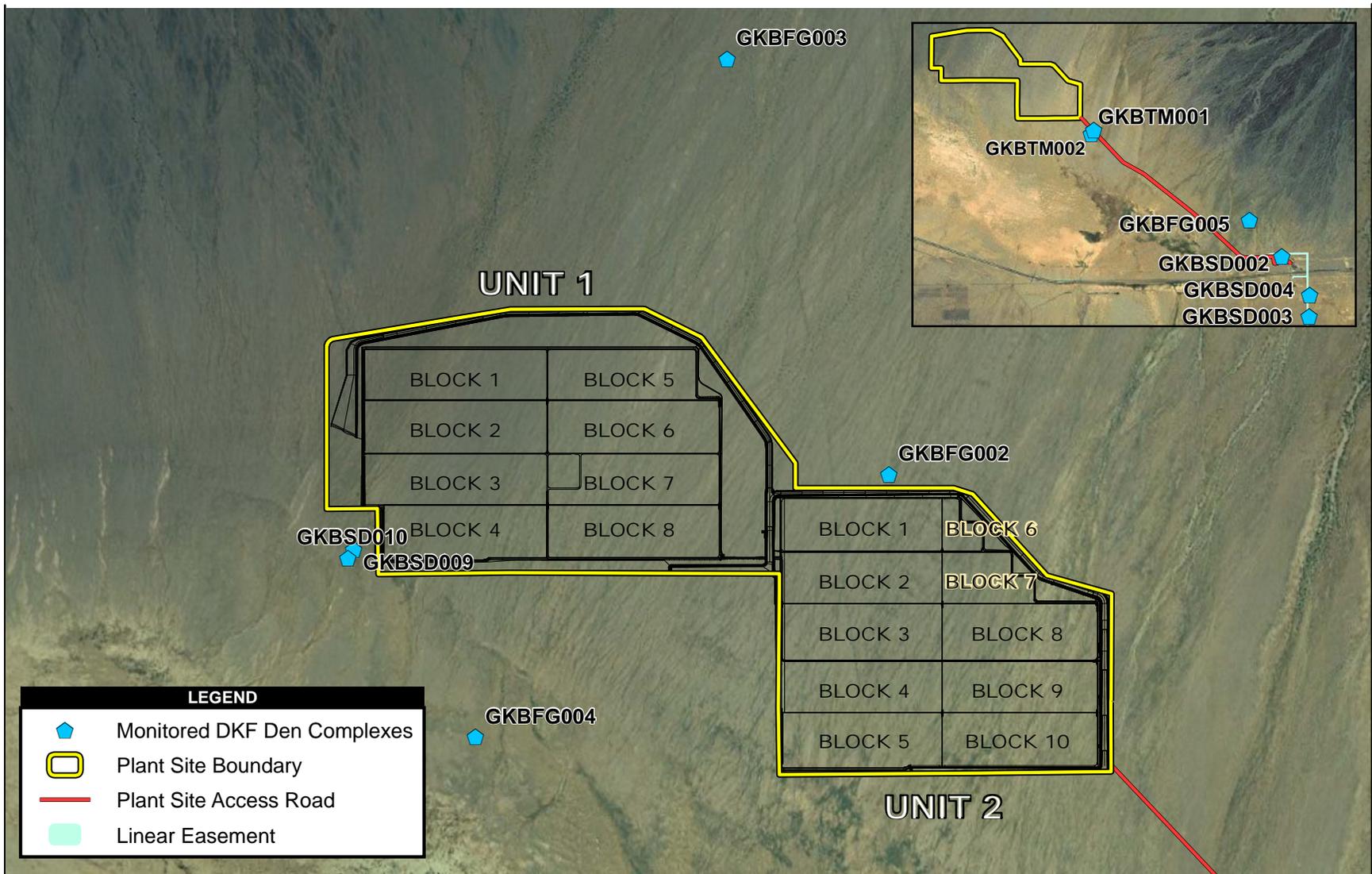
Genesis Solar Energy Project Vicinity Map

Genesis Solar Energy Project

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



**Common Raven
Survey Points**



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

ATTACHMENT 2

**SPECIES OBSERVED DURING JANUARY
SURVEYS AND MONITORING**

SPECIES OBSERVED DURING JANUARY SURVEYS AND MONITORING

Animals:

American Badger
Black-tailed jackrabbit
Desert Kit Fox
Round-tailed ground squirrel

Birds:

American Kestrel
Common Raven
House Finch
Horned Lark
Lesser Nighthawk
Northern harrier
Osprey
Prairie falcon
Red-tailed hawk
Rock Wren
Say's Phoebe
Turkey vulture
Western Burrowing Owl

Reptiles:

Zebra-tailed Lizard

ATTACHMENT 3

DAILY BIOLOGICAL MONITORING LOGS

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/2/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 58 Low Temp (°F): 39

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

Sites Monitored

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

Activity Log: 0645-Safety meeting
 0715-Discussed plan of the day
 0720-Walked temporary desert tortoise exclusionary fence around Unit 1. No breaches were found.
 0900-Began telemetry checks and camera card collection for desert kit fox.
 1310-Walked permanent fence around Unit 1. Walked both interior and exterior to check tortoise fence integrity and to look for damage to the fence. One area of damage was found along the northwest fence. UTMs were collected at the location.
 1630-Left site.

Monitor Checklist

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

Additional Notes: SAPH, RTHA, HOFI

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/2/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 59 Low Temp (°F): 43

Start Time: 5:15:00 AM Stop Time: 11:30:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0615 inspect access road. Remove and dispose blacktailed jackrabbit. No other findings. 0645 inspect pb2. No findings. 0915 orient new bio to Dkf locations and monitoring techniques. And monitor access road throughout morning. 0945 talked with fiber re: gathering start location, otf, data. Data gathered. 1200 inspect access road. No findings.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	All work in previously disturbed area inside
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 eating
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Black tailed jack rabbit, CORA, red-tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/3/2013

Monitor: Brian Weller
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 62 Low Temp (°F): 47

Start Time: 6:50:00 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: 0650-Arrived at site.
 0700-Safety meeting
 0715-Input CORA data into tap forms.
 0845-Went over desert kit fox camera data from 20130102.
 0944-Took photo of trash outside fence in the south-central area of Unit 1. Informed DB about the trash accumulation.
 1012-Walked temporary desert tortoise exclusionary fence around Unit 2. No breaches were identified.
 1200-Biologist conducted desert kit fox telemetry monitoring.
 1445-Biologist collected camera cards for GKBFG003.
 1630-Biologist collected UTMs for hole in the tortoise fence attached to the permanent fence on the south side of Unit 1. DB was informed about the hole and its location.
 1655-Leaving site.

Monitor Checklist

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

Additional Notes: RTHA, HOLA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/3/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 60 Low Temp (°F): 43

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

Sites Monitored

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

Activity Log: 0640 and throughout day inspect access road. 0705 safety and plan of day. 1100 preliminary pedestrian walk through of area north of Wiley's well rest area. No immediate bio findings north of I10. 1400 meeting. 1500 orient bio to Dkf monitoring activities. 1530 inspect access road. Noted debris on side of access road. Reported to compliance

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Noted trucker debris 20' south of access road. Reported to compliance.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter fence inspection and tortoise grate complete.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			5: 4 flying, 1 perched on ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/4/2013

Monitor: Andrew Fisher
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 62 Low Temp (°F): 52

Start Time: 9:55:00 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: Conducted the site walk through with the construction personnel for the amendment area to check the fiber, gas, and transmission ROW areas for biological concerns. Checked the two desert kit fox burrows in the amendment area GKBSD001 and 002. No Dkf sign was observed and the two kit fox burrows are at least 100 feet away from the ROW. Walked the entire ROW in the amendment area and no biological resources that need to be avoided were observed. Discussed various alternatives and ways to minimize cultural and biological resources. At 1300 we surveyed the southern side of I-10 where the gas and fiber lines cross existing gas lines to determine the best methods for crossing the existing lines and getting vehicles in and out of the ROW. We departed the ROW at 1400.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			One raven observed by the rest area at 10:00 am.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/4/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 62 Low Temp (°F): 33

Start Time: 6:50:00 AM Stop Time: 4:19:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0650-Arrived on site to meet with Frontier Construction.
 0745-Biologist monitored crew adding clamps to anchors along the powerline on north side of access road. No sensitive biological resources were impacted by the days activities. No trash or microtrash was noticed during monitoring activities.
 1136-Biologist conducted telemetry monitoring for kit fox at various locales around the plant site.
 1400-Biologist walked permanent fence around Unit 2.
 1530-Moved injured pigeon off of a tractor trailer parked west of assembly building. Tried to flush but it appeared unable to fly. Placed pigeon under nearby awning with water.

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

Additional Notes: RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/4/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 50 Low Temp (°F): 33

Start Time: 7:00:00 AM Stop Time: 11:00:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0700 inspect access road. No findings. 0730 inspect powerblock 2 and water tank 2. Pad maintained. 1000 discuss access and upcoming activities with contractors. 1100 offsite.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			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			7 flying
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/7/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 63 Low Temp (°F): 41

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

Sites Monitored

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

Activity Log: 0600-Biologist attended the Wasatch Electric tailboard. The foreman went over all safety issues and the plan of the day. The DB discussed potential biological issues. The crew plans on placing 4 poles and watering the pad sites for tomorrows pole delivery.
 0635-Biologist swept pad #24 and adjacent parking area on north side of access road. No sensitive biological resources were identified during the sweep.
 0715-Biologist monitored delivery of power pole to pad #23. No sensitive or other biological resources were impacted by the activities.
 1100-Biologist walked the temporary desert tortoise exclusionary fence around Unit 1. No breaches were identified.
 1400-Biologist began monthly CORA surveys.
 1438-Biologist escorted equipment to pad #31 and monitored the installation of a grounding rod at pad #31.
 1610-Biologist escorted equipment to pad #27.

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 west over Unit 1. 1 raven perched on east fence of Unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Black-tailed jackrabbit.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/7/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 60 Low Temp (°F): 38

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

Sites Monitored

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

Activity Log: 0530 inspect access road. Noted KRat mortality, removed and disposed. No other findings. 0600 pole delivery meeting. 0700 inspect access road and confirm activities. 0800 investigate bird report in building. Bird was able to egress on its own prior to arrival. 0845 inspect access road. Confirm activities. No new findings. 0930 inspect unit 1, water pad 1 and perimeter. No new findings. 1030 office.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			Inadvertent litter picked up in common area.
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			Pole delivery locations cleared prior to delivery.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3: 2 flying 1 on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Report of American Badger sighting along access road prior day.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/7/2013

Monitor: Shelly Dayman
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 62 Low Temp (°F): 56

Start Time: 9:42:00 AM Stop Time: 5:41:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0945 access road check, no roadkill 1030 office to discuss and prep for outside the fence work in areas past access road, prepared bio do's and don'ts for outside the fence work, draft signage for bio resources for outside the fence work, meetings
 530 left office

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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 1/7/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 40

Start Time: 6:00:00 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: 6:00 - 8:20 cleared pads 23, and 25 through 27 and 500 feet of north shoulder at each pad, 6:50 possible kit fox vocalization coming from an easterly direction from pad 25, 7:40 water truck started watering each pad, starting at pad 27, 8:55 cleared pad 31 and 500 feet of north shoulder. Also cleared under trailer in turnout by pad 31, 9:20 monitoring pole placement st pad 24.
 10:20 learned pole not going to be delivered for another 2 hours. Crew went to frame at pad 22. Water truck is going to water pads 28 - 30. Checked pads 28 - 30 (poles were already there) and as I was finishing pad 30, the water truck driver pulled up to tell me he was going to water pads 40 - 44 instead. He had not known earlier that poles were already at pads 28 - 30, 11:45 - finished checking pads 40 - 44, 12:00 monitoring framing work. Wind has increased to 19 mph coming from the north. This morning at 6:00, it was calm, 12:15 pole has not arrived. Crew moved to pad 32 to frame. Checked area and shoulder before they arrived, 12:35 checked pad 33 and shoulder, 12:50 checked pad 34 and shoulder, 1:05 checked pads 35 and 36 and the shoulders, 1:20 checked pad 38 and shoulder, 1:30 checked pad 39 and shoulder, 2:15 informed that pole off-loading will not occur at pad 24 today. The crane was moved to pad 25 and pole off-loaded. Crew will start at pad 24 tomorrow morning.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			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 1/8/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 69 Low Temp (°F): 47

Start Time: 5:45:00 AM Stop Time: 5:47:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-Tailboard with Wasatch Electric. Foreman discussed safety issues and plan of the day. Crew plans on delivering poles to pads 24, 26, 27, 40, 41.
 0630-Biologist swept pad #24. No sensitive biological resources were identified during the sweep.
 0700-Biologist monitored pole delivery to pad #24. No sensitive or other biological resources were impacted by the activity.
 0955-Biologist swept pad #32. No sensitive biological resources were identified during the sweep.
 1045-Biologist walked the temporary desert tortoise fence around Unit 2. No breaches were identified.
 1118-Biologist conducted CORA surveys.
 1530-Biologist met with other BM to determine workload for remainder of day. Crew was unsure of their activities so biologist stayed on as a precaution.
 1700-Biologist helped escort and park a large rig carrying a 125 foot pole that was forced to stage for the evening due to an inoperable crane.

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 northeast east of Unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: HOLA, HOFI, ROWR, RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/8/2013

Monitor: Shelly Dayman
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 62

Start Time: 9:45:00 AM Stop Time: 5:21:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0945 removed ketchup packets attracting raven pair at guard shack and hot sauce further along access road, same pair of ravens at both locations, checked DKF camera GKBTM001, camera not turned on. No batteries when turned on.
 1045 spoke to Jennie re: netting on evap ponds, will follow up with CDFG
 1100 office, SD card from TM001 inoperative, set up new replacement camera, prepped and sent prior days daily logs, creating data file of all DKF points for GPS units, prep of bio signs for outside the fence work
 1300 - 1530 meeting regarding outside the fence work and compliance issues
 1600 checked staking along linear to determine if signs can be installed this week, appears they can
 1645 office

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			Some ketchup packets at guard station and two ravens, removed trash
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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			DT fence check for week completed today
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			Two at guard shack, eating ketchup packets
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/8/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 50

Start Time: 6:15:00 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: 6:15 checked under equipment parked off the access road, except for the crane. Brian checked that piece of equipment. Surveyed pads 26, 27, 40 and 41 as well as the north shoulders. 8:55 one raven on power pole along access road. Flew north toward plant site. 9:00 monitored pole off-loading at pad 26. Crew skipped 24 because the truck carrying the pole broke down. 9:15 one raven landed about 100 feet south of pad 26 and foraged on the ground for a few minutes and then flew north toward plant site. 10:00 monitored pole off-loading at pad 41. 11:05 monitored pole off-loading at pad 40. 12:30 monitored pole off-loading at pad 24. 2:00 monitored pole off-loading at pad 27. 2:30 crane stopped working. 3:20 two crew went to pole 26 to frame it and I went with them to check area. 3:35 two crew went to pole 25 to frame it and I went with them to check area. 4:00 two crew went to pole 40 to frame it and I went with them to check area. 4:15 two crew went to pole 41 to frame it and I went with them to check area. 4:30 back at pad 27. Crane to be left in place. Mechanic coming sometime tomorrow. Crew does not know what or where they will be working tomorrow. They may have some framing work if they have the parts. 5:00 Truck carrying pole went down to pull out area by the Arizona Crossing to drop the trailer. Cleared the area.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 on power pole along access road. Flew north toward plant site. one raven landed about 100 feet south of pad 26 and foraged on the ground for a few minutes and then flew north toward plant site.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Horned larks, raven

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/9/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 48

Start Time: 5:45:00 AM Stop Time: 5:22:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-Biologist attended the Wasatch Electric tailboard. Foreman discussed potential safety issues and the plan of the day. Crew plans on framing 3 poles. On stand-by for pole delivery while crane is repaired. 0630-Biologist swept pads 27 & 42-48. No sensitive biological resources were identified during the sweep. 0900-Biologist conducted telemetry surveys for desert kit fox. 1130-Biologist swept laydown area near Arizona crossing and monitored crews unloading rebar cage. 1210-Biologist continued telemetry surveys and changed camera at GKBTM001. 1430-Biologist moved one of the kit fox cameras from GKBG002 to GKBSD003. A new kit fox complex had been identified at the new location and required a motion-sensing camera.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			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 perched on telephone pole just east of first entrance to Unit 2. 5 ravens foraging on ground inside Unit 1 near the east fence just north of the trailers.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/9/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 65 Low Temp (°F): 60

Start Time: 9:45:00 AM Stop Time: 5:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0945 DKF camera at FG005, CG002, TM002 and activity at TM001
 1200 office, left message with Magdalena Rodriguez CDFG re: evap pond netting, download camera cards, finish signs for otf work, prepped data and had Vick and Brian begin WBO and DKF surveys for OTF linear work to begin Monday

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 flying south over unit 2, block 9
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/9/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 48

Start Time: 6:15:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 6:15 Checked under all equipment parked along access road. Checked pads and north shoulder at 32, 28, 29. 6:55 observed 3 ravens flying in a northeasterly direction and a fourth flying in an easterly direction. 7:25 Checked pad 31 and shoulder and monitored framing. 7:45 Three ravens flying in an easterly direction. 8:15 Monitored framing at pole 29. 8:30 Monitored framing at pole 28. 8:50 At crane which is parked along access road. 9:10 One raven landed on a power pole opposite the crane. Two minutes later, flew to another power pole two poles north. Two minutes later, flew toward plant site. 10:00 met with crane operator and Wasatch Electric. Crane operator has not been able to fix the problem and is waiting on mechanic. 10:10 One raven perched on power pole just outside of desert tortoise grate. Flew off when a large truck went by. 10:15 One raven feeding on ground in Unit 2, Block 8. A second raven flying in area. The raven on the ground joined the one flying. 10:25 Checked water tank in Unit 2 and no puddles underneath. 10:30 Two ravens flying over trailers and parking area in Unit 1. 10:40 Went to office to get key to Connex so I could get a shovel. Could not find spare key. Picked up duct tape for pole that I did not get to west of Unit 2, Block 4. 10:55 Three ravens walking between parked vehicles to the north of the trailers. 11:10 Checked water tank at Power Block 1 and no puddles. Texted Dustin, Wasatch Electric, to find out if he knew anything about the crane. He did not. However, he said the crew was heading to the pullout area by the Arizona Crossing to unload rebar and rebar cages. Informed Dustin that I need to check area. 11:30 arrived at pullout area and rebar was already being unloaded, but Brian was here. Talked to Nick about the need to know when this type of activity is going to occur so we can check the area and be present. Exchanged phone numbers to aid communication. 12:45 Finished unloading rebar and cages. 1:10 Red-tailed hawk on power pole along access road. 1:15 Three ravens perched on rip rap along the channel east of Block 8, Unit 2. 1:25 Two ravens perched on a power pole at the bridge crossing between Units 1 and 2. 1:30 - 4:30 Met with Shelly and Brian to talk about upcoming work along Option B ROW. Retrieved one camera from CG002 to install at GKBSD003. Installed camera at GKBSD003 and smoothed out dirt in front of burrow entrances. One burrow had fresh dirt in front. Went to GKBSD004 and smoothed out dirt in front if burrow entrance. No fresh sign.

Monitor Checklist

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

				Xflew to another power pole two poles north. Two
All ESAs and other bio-related exclusion areas marked and avoided?		N/ A		
Additional Notes: Ravens, red-tailed hawk				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/10/2013

Monitor: Brian Weller
 Weather Conditions: Cloudy, Clouds: 95%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 50

Start Time: 6:18:00 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: 0625-Biologist monitored for BUOW at GKBSD003. No owls were seen.
 0700-Biologist changed camera card at GKBSD003.
 0800-Biologist monitored for BUOW at GKBSD001. No owls were seen.
 0900-Biologist conducted desert kit fox telemetry surveys and collected camera cards at several locations.
 1330-Biologist assisted with installing signs delineating environmentally sensitive areas.
 1500-Biologist checked camera data and updated tap forms.

Monitor Checklist

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

Additional Notes: HOLA, HOFI, RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/10/2013

Monitor: Shelly Dayman
 Weather Conditions: Windy, Clouds: 60%, Pcp: None
 High Temp (°F): 62 Low Temp (°F): 58

Start Time: 9:45:00 AM Stop Time: 4:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0945 access road, 8 ravens seen about halfway up access road, no attractant seen, discussed outside the fence work signage with Chuck from BLM
 1015 office, signs ready
 1200 began sign installation north and south of I-10
 330 office to discuss plan for tomorrow with Vick and Brian, checked DKF 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			8 ravens in group along access road, about half way up, could not find attractant
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, HOLA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/10/2013

Monitor: Vick Germany
 Weather Conditions: Cloudy, Clouds: 80%, Pcp: None
 High Temp (°F): 63 Low Temp (°F): 52

Start Time: 6:30:00 AM Stop Time: 4:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 6:45 arrived at GKBSD002 for BUOW monitoring. Temp is 52 degrees. Wind out of the south at 12 mph. Visibility 10 miles. Sunrise at 6:52. 7:50 ended BUOW survey. Temp is 58 degrees. Wind out of the south at 12 mph. Visibility 10 miles. Checked burrow and there are cobwebs across it, plant material in the entrance and no fresh sign. 8:00 Three ravens on power poles along access road. 8:05 Red-tailed hawk on power pole along access road. 8:10 Swept the area around the crane and the north shoulder. Mechanic is working on crane. He does not intend to drop crane onto its tires. I informed him that if he does, he needs to check under the crane first. He is also to check under his vehicle before driving. He is not going to move the crane. 8:50 One raven flying from the west landed on a power pole south of the crane. Stayed for a minute and then flew to another power pole further north of crane. 9:00 Two ravens flying over Unit 2. No puddles under water tank by Power Block 2. 9:20 checked east end of channel to the south of the trailers. No wildlife observed. Water may be pumped into it sometime today. 9:35 No puddles under water tank by Power Block 1. 9:50 Checked the caisson in Unit 1, Block 4 and they were covered with sections of chain link fence. 10:00 checked west end of channel to the south of the trailers. Two ravens were standing on the top-of-bank and they flew off in a westerly direction when approached. 10:15 Checked an approximate 6" wide trench along the permanent fence along Block 8, Unit 1 and did not observe any wildlife in it. 10:50 12:30 Prepared and posted signs north and south of I-10. 3:00 Four ravens flying over Unit 2. 3:15 - Met with Brian and Shelly to discuss sign placement and work for tomorrow and Monday.

Monitor Checklist

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

Additional Notes: Ravens, red-tailed hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/11/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 54 Low Temp (°F): 41

Start Time: 5:45:00 AM Stop Time: 4:05:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-Biologist attended Wasatch Electric tailboard. Crew plans on framing poles and placing cribbing under the tips of poles still on the ground. Biologist reminded crew to check under vehicles, stay within approved disturbance areas, and to follow posted speed limits.
 0645-Biologist swept pad #22. The biologist will be sweeping all pads between 22-46 as the crews prepare to mobilize from one pad to the next. No sensitive biological resources were found at any of the pads during the sweeps.
 0715-Biologist monitored framing at pad #22. Biologist will be monitoring this same activity at pads 22-46. No sensitive or other biological resources were impacted by the days activities. No trash or microtrash was left at the various job sites.
 0820-Biologist monitored the crew using a loader to maneuver their crane at pad #27.

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 south over Unit 2. 2 ravens perched on pole at entrance to Unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/11/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 54 Low Temp (°F): 41

Start Time: 6:15:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 6:20 Cleared pad 37 and north shoulder. 7:15 Checked GKBSD004. No fresh tracks in front of burrow or around it. 8:20 At turnaround by Arizona Crossing to put up signs. Walked to pad 48 and then back to pads 49 and 50 determining where pads are (identified as 'boxes'). 9:35 Cleared turnaround near Arizona Crossing before a grader was unloaded. Let Nick know that the rope between the poles at the turnaround needed to be put back up. 9:55 Resumed putting up signs to pad 52. Spoke with Dee about not seeing stakes for the access road at pad 48 or 49. No stakes for pad 48 because it is adjacent and south of the paved access road. There should be flagging at 49. Dee going to meet me at 49 at noon to look at the area. Dee said the surveyors also switched from white flagging to pink like the ROW. 11:00 - 11:30 lunch. 11:30 Continued staking. 12:00 Met with Dee at pad 49 to discuss access. No access stakes put in because the shoulder is within the ROW and they can use that whole area. The location of the access road will be determined by ground conditions. Two 'Project Approved Access' signs put in to act as a general guide, but they may have to be moved because of ground conditions. There is also a possibility that equipment may access the pole alignment from the turnaround. That is part of the original approved ROW. 12:55 One raven flying over turnaround near Arizona Crossing. 1:00 - 2:25 Put up a 'No Project Access Sign' near guard gate at the intersection of two dirt roads, one leading to BLM sign, Drove to BLM sign and walked out to pad 52, removing the sign I put up at 11:30. 2:35 4:30 Drove to the access road to the substation south of I-10 and met Dee, Bill, Nick and another fellow and discussed what was going to happen next week. They are not going to deliver poles or do any ground disturbing work south of I-10 until Wed. On Wed, the plan is to come in w/a grader (loader?) and scrape off the topsoil and fill in the eroded area along the shoulder to build it up for the access road. That was Alice's suggestion. For Mon and Tues, the plan is it have the rest of the poles delivered along the paved access road north of I-10. They will also be grading the new T-line access road from pad 49 - 54 (56?). After the above meeting, I put up pad signs at pads 63 - 61. Sixty-one is the last one the surveyors did today. I put up 2 ROW boundary signs at the KF den.

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			One raven flying over turnaround near Arizona Crossing.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Raven

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/14/2013

Monitor: Brian Weller
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 51 Low Temp (°F): 33

Start Time: 5:50:00 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: 0600-Biologist attended Wasatch Electric tailboard. Crew plans on delivering poles to pads 42-44 and 47-48. Crew also will begin grading ROW from pad 49 to the east and south. 0630-Biologist swept pad 27. No sensitive or other biological resources were identified during the sweep. 0645-Biologist monitored pad clean-up and mobilization of crane to pad 47. 0745-Biologist delivered telemetry equipment to guard shack per CDFG request. 0800-Biologist swept pads 42-44 & 46 for watering and later pole delivery. No sensitive or other biological resources were identified during the sweep. 0915-Biologist checked GKBSD004 for DKF tracks. No tracks were seen. 1005-Biologist collected desert kit fox camera cards from 7 different locales. 1335-Biologist walked the temporary desert tortoise exclusionary fence around Unit 2. No breaches were found.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			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			5 ravens flying east along north side of access road. 2 ravens perched on power poles near guard shack.
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/14/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 49 Low Temp (°F): 28

Start Time: 6:00:00 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: 0600 tailboard meeting and then biologist monitored transmission line pole drop off along 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	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 1/14/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 46 Low Temp (°F): 32

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

Sites Monitored

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

Activity Log: 6:00 Attended tailboard meeting. 6:25 Observed 5 ravens flying around Unit 2.
 6:40 Cleared turnaround by the Arizona Crossing. 7:00 - 11:45 Monitored equipment on the new access road and the breaching of the sand dune.
 11:45.- 12:15 lunch 12:15 4:15 Monitored equipment on the new access road and the breaching of the berm. At pad 54, operator had to fill in sections of the washes to create a level area for the pad & equipment. Also, had to fill in sections of washes for the access road. All of the fill was within the ROW. No wildlife seen during access road monitoring. Walked back from pad 56 - 49 within the access road looking for dead or injured wildlife. None observed. Did not see any wildlife when the dune was breached.

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			5 ravens flying around Unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/15/2013

Monitor: Brian Weller
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 57 Low Temp (°F): 38

Start Time: 5:50:00 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: 0600-Biologist attended the Wasatch Electric tailboard. Crew plans on placing poles at pads 48-51. They will also frame previously placed poles and will water and compact the newly graded ROW and adjacent pads. 0650-Biologist walked the temporary desert tortoise exclusionary fence around Unit 1. No breaches were identified. 1000-Biologist uploaded desert kit fox photo data. 1130-Biologist put signs together to help delineate the new section of the ROW. 1300-Biologist monitored compaction of the ROW near pads 51-54. No sensitive or other biological resources were impacted by the activity. 1350- Biologist placed signs along the ROW to delineate approved and unapproved access areas. 1425-Biologist conducted a sweep of the plant site. Trenches in Unit 2 near block 8 are 3-4 feet in depth with no cover or wildlife ramps. Lots of trash against the inside of the permanent fence of both Units. Most of trash is concentrated along the south fences, including the temporary tortoise fence. Unit 2 has the majority of the refuse. It has been very windy past two days. Trash appears to be project related. There is also still trash accumulated around the southern laydown area just outside permanent fence in Unit 1.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Lots of trash found along the permanent fence of both Units.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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 on ground outside of truck entrance to Unit 2. 1 raven perched on south fence of Unit 1.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: HOLA,AMKE

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/15/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 50 Low Temp (°F): 30

Start Time: 6:00:00 AM Stop Time: 5:05:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: Monitored framing of T poles, swept pole sites 63, 62 and 61

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 1/15/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 54 Low Temp (°F): 32

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

Sites Monitored

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

Activity Log: 6:00 Attended tailboard meeting. Plan is to off-load poles 48-51. Access road is to be worked on, smoothing out some areas. Also smoothing out some of the pads, especially pad 54.7:00 Surveyed turnaround before equipment moved in.
 7:15 Walked T-line access road from pad 49 - 56 looking for wildlife. None observed.7:45 - 1:15 Observed grading of pad 54. No wildlife observed within grading area.9:00 While at pad 54, a raven landed about 50 feet to the east and appeared to eat something. But, when I checked the area, I did not see anything.10:30 One raven flew from the east to the west along the existing access road along the existing power poles just south of pad 54. After a few hundred feet, it turned south toward the rest area.1:30 Established a turnaround to the east of the sand dune.2:00 Attended tailboard at turnaround to go over Wednesday's work. They will unload poles starting at 7:00 am. They will also begin working south of I-10. They are going to scrape topsoil from the access road & pad 63 & build up the area by the eroded shoulder. Then they will grade the access road and any pads. They established an alternate access road between existing power poles 113 & 114. This area is w/in ROW they had.2:30 - 5:00 Ron & I swept the alternate access road and the access road & pads 63 - 61. I swept from pads 57 - 60 & the access road.

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			Raven at pad 54, appeared to eat something. One raven flying south of pad 54.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Ravens

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/16/2013

Monitor: Brian Weller
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 61 Low Temp (°F): 51

Start Time: 7:35:00 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: 0700-Biologist picked up stakes and stapler to make access, no access signs.
 0800-Biologist made signs and dropped them off to biologists on ROW.
 0915-Biologist switched out camera cards at several kit fox burrow complexes.
 1100-Biologist put together more signs to help delineate the work area.
 1130-Biologist continued collecting desert kit fox camera cards.
 1230-Biologist dropped signs off with biologist on the ROW.
 1250-Biologist resumed collecting kit fox camera cards. Biologist adjusted the location of the camera at GKBSD003.
 1340-Biologist uploaded kit fox photo data. Trash was reported to compliance and compliance noted that trash pickup after high winds had begun.
 1445-Biologist made more signs and took them to biologist on the ROW.
 1610-Biologist checked the status of the sediment ponds and evaporation ponds. No evidence of any burrowing in sediment pond. Ropes with flagging were noted to be strung across middle of pond. There was no netting above evaporation ponds. Crew plans to begin covering ponds tomorrow depending on how strong the winds are. No sign of desert kit fox or American badger in the area.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Lots of trash blowing around plant site and against the southern fence in both units.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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			7 ravens flying west over Unit 1. 2 ravens flying northeast over access road.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/16/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 55 Low Temp (°F): 38

Start Time: 6:00:00 AM Stop Time: 3:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: Pole delivery at 49, 50, 52 monitoring delivery of poles

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 1/16/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 63 Low Temp (°F): 40

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

Sites Monitored

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

Activity Log: 6:00 Attended tailboard meeting. On north side of I-10, poles 48 - 51 will be off-loaded. South side of I-10, access road will be put in and 2 inches of topsoil placed in eroded areas along paved access road at stub-out. Met with Dee afterwards to prioritize signs (No Project Access and ROW Boundary--without red circles--that sign was confusing to people).
 6:45 Seven ravens on the permanent fence at the far west end of Unit 2, Block 1 by Largo parking area and trailers.
 7:00 Met Ron at the turnaround and gave him some signs.
 7:20 - 3:30 Monitored grading of T-line access road south of I-10 from pad 63 - 58. No wildlife observed. Posted various signs.
 3:30 - 4:15 Walked the access road from pad 58 - 63 looking for wildlife. None observed.
 4:15 - 4:45 Put up a few signs along the north T-line access road.
 4:40 no approved access signs installed at pad 53

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			Seven ravens on the permanent fence at the far west end of Unit 2, Block 1 by Largo parking area and trailers.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Ravens

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/17/2013

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

Start Time: 5:50:00 AM Stop Time: 4:43:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-Biologist attended the Wasatch Electric tailboard. Foreman discussed plan of the day and related safety issues. Crews plans to place poles at pads 52-56. Crew will also water and compact access road south of I-10.0630-Biologist met with monitor not at tailboard to debrief him on what was discussed.
 0700-Biologist collected camera cards from several kit fox burrow complexes.
 1115-Biologist uploaded photo data from kit fox camera cards.1200-Biologist monitored the mobilization of crane from pad 56 to structure 1. No sensitive or other biological resources were impacted by the activities.1255-Biologist monitored the watering and compacting of the southern access road. No sensitive or other biological resources were impacted by the activities.

Monitor Checklist

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

Additional Notes: RTHA, TUVU, HOLA, AMKE, zebra-tail lizard.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/17/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 59 Low Temp (°F): 40

Start Time: 6:00:00 AM Stop Time: 12:19:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: Monitored unloading poles to pole 56.

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 1/17/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 62

Start Time: 7:56:00 AM Stop Time: 5:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 800 access road, TUVU and kestrel noted on poles, RTHA in flight, no roadkill on access road
 820 netting being installed on evap ponds
 840 checked permanent fence in Unit 1, no trash observed, Jennie Gavaldon from compliance had trashed cleaned up that had accumulated along fence after high winds
 900 checked DKF burrows at GKBSD009 and GKBSD010 appear inactive
 1000 office to deal with sed pond issues with water being released and weed plan to avoid transfer of seeds between outside the fence lines and plant site

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			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 on permanent fence N of common area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: TUVU and kestrel on poles on access road, RTHA, CORA, osprey

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/17/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 37

Start Time: 5:15:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 6:00 Attended tailboard meeting. Poles will be off-loaded on the north T-line access road. Grading and watering will continue on the south T-line access road. 6:30 Red-tailed hawk on power pole along paved access road.
 6:40 - 8:25 Walked south access road and road between existing power poles 113 and 114. No wildlife observed. Put up some 'Approved Access' signs by the pullout by pole 113. Put up 6 'ROW Boundary' signs by the kit fox den.
 8:30 Loader operator went over to north side. I put up some 'No Access' and 'Approved Access' signs. 9:30 Water trucks arrived to spray south access road. Loader operator returned. 10:15 - 11:30 Loader headed back to north access road. Before loader and water trucks head to the north access road, dirt is getting washed off in the area by pole 114, creating puddles. Informed operator that the area needs to be back dragged at the end of the day so there are no puddles. Water trucks spraying access road and road between poles 113 and 114. 11:45 - 12:45 Walked between pads 58 - 61 checking for wildlife. None observed. Set 4 'Project Access' signs. 12:45 - 2:25 Crew began setting steel plates over AT&T line between pads 57 and 58 and at the entrance to the existing access road that runs parallel to the wooden power poles. 2:30 - 4:30 Graded access road to pad 57 and some grading within the pad. Loader than went south along the access road to work on the access road between poles 113 and 114. Water truck made one final pass from 63 to 58. Walked access road from 58 - 60. No wildlife 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: Red-tailed hawk

Date & Time: Fri Jan 18 10:00:28 PST 2013
Position: 11 N 687899 3725880
Altitude: 358ft
Azimuth/Bearing: 195° S15W 3457mils (True)
Elevation Angle: -50.0°
Horizon Angle: +03.5°
Zoom: 1X
sahara mustard in channel



Date & Time: Thu Jan 17 08:47:37 PST 2013
Position: 11 N 683431 3727078
Altitude: 351ft
Azimuth/Bearing: 306° N54W 5440mils (True)
Elevation Angle: +06.0°
Horizon Angle: -00.0°
Zoom: 4X
unit 1



Date & Time: Thu Jan 17 09:10:11 PST 2013
Position: 11 N 683328 3726780
Altitude: 295ft
Azimuth/Bearing: 239° S59W 4249mils (True)
Elevation Angle: -46.5°
Horizon Angle: +05.3°
Zoom: 1X
GKBSD010



Date & Time: Thu Jan 17 09:18:23 PST 2013
Position: 11 N 683396 3726845
Altitude: 305ft
Azimuth/Bearing: 002° N02E 0036mils (True)
Elevation Angle: +02.0°
Horizon Angle: +01.5°
Zoom: 4X
oe prey unit 1



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/18/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 37

Start Time: 5:50:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0550-Biologist arrived at sedimentation pond to track flow and percolation rates.0615-Water began flowing into sedimentation pond.0910-Biologist monitored scraping of the road outside of the main entrance to the project site. No sensitive or other biological resources were impacted by the activity.
 1000-Biologist monitored scraper at the western end of the paved access road. No sensitive or other biological resources were impacted by the activity.
 1100-Biologist adjusted the placement of access signs along the access road south of the I-10.1230-Biologist monitored the flow of water into the sedimentation pond. 3 ravens landed in the pond but did not drink. Biologist flushed them from the area.1345-Biologist swept Unit 2. Trash was found along south fence and near the northeast parking area. Lots of wrappers, cups, bottles et cetera.1435-Biologist cleared channel east and north of Unit 2 of all invasive species. 1455-Biologist located a WBO at burrow in channel. Have UTM's and photos.1600-Biologist checked sedimentation pond. Pipe was not flowing, most of the water was still standing. No signs of percolation.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Trash found in several areas of Unit 2.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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			SSC WBO Northeast corner of Unit 2. In drainage channel. At burrow.
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			8 ravens flew over sedimentation ponds to the east. 3 ravens landed on south bank of pond. 2 ravens flew west over sedimentation pond.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/18/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 65

Start Time: 8:55:00 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: 0900 cleared near guard shack for grader work, Brian took over monitoring 0915 banana peel on access road, 0930 saw five ravens eating roadkill off access road, jackrabbit, appeared to have been injured on road then killed by ravens, buried rabbit, 0950 three ravens at tortoise grate, observed Sahara mustard in seed in channel near DT grate, notified compliance, will try to remove today 1030 checked released water in sed pond, one raven on windrows in water, another raven observed south of powerblock 1, 1045-1145 removed about 10 Sahara mustard plants manually from channel, five ravens 1150-1330 removed 6 or 7 Sahara mustard from access road, two ravens 1330 called Rod to request water be shut off into sed ponds, he went to shut off at 1350, notified compliance of overflowing trash can with ravens (three) south of evap ponds and Jennie to follow up, 200 checked northern fences of Unit 1, clear of trash, two ravens north of powerblock 1 at Porta potty, 300 met with Brian at WBO occupied burrow north of Unit 2

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		Notified compliance of overflowing trash south of evap ponds
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			Cleared area for grading at guard shack along access road
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.	X			WBO observed, wildlife incident form prepared
Tortoise exclusionary fence and/or ramps intact?	X			Fence check completed earlier in week
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			5 on access road eating dead jackrabbit, 1 at sed pond, 1 south of PB1, 5 at ditch near DT grate, 3 at garbage evap ponds, 2 north of PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, DKF tracks in plant site in ditch near DT grate, jackrabbit, burrowing owl, horned larks

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/18/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 43

Start Time: 5:15:00 AM Stop Time: 3:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 6:00 Attended tailboard.
 7:00 Two ravens flying over trailers.
 7:15 Cleared turnaround by the Arizona Crossing.
 7:25 - 8:30 Walked south T-line access road and access road between poles 113 and 114, and checked under loader. No wildlife observed.
 8:40 - 12:15 Monitored access road grading from pad 60 to pad 57. No wildlife observed. Loader called back into plant site. Water truck still coming out to spray access road.
 12:15 - 3:45 Monitored spraying of access road. No wildlife observed.
 3:00 BLM ranger drove access road from the paved road to pad 58. I explained the meaning of the flags (e.g., pink = ROW, pink & white = pad boundary, white = access road). I pointed out that in some areas the access road does not follow the access stakes. The road shifted to avoid some large creosote bushes. The access road is within the 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			Two ravens flying over trailers.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Ravens, horned larks



Date & Time: Fri Jan 18 09:57:33 PST 2013
Position: 11 N 687882 3725859
Altitude: 351ft
Azimuth/Bearing: 053° N53E 0942mils (True)
Elevation Angle: -75.7°
Horizon Angle: +13.7°
Zoom: 1X
DKF tracks in channel



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/21/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 63 Low Temp (°F): 41

Start Time: 5:50:00 AM Stop Time: 10:40:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-Biologist checked sedimentation pond for standing water. Standing water was found, however the majority of the water pumped into the pond had been absorbed by the soil. Soil appears saturated. 0630-Biologist swept Unit 1 for trash. Biologist found trash scattered east of water treatment building. Trash was cleaned-up by crew when biologist was seen taking a photo. Trash was found strewn about outside of southern perimeter fence in laydown area. Most of the trash is comprised of plastic scraps. 0720-Biologist swept Unit 2 for trash. Trash was found along the entire southern fence of the unit. 0830-Biologist met with compliance lead to discuss trash issues and plans for sedimentation pond.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			Trash scattered east of water treatment building. Crew cleaned the trash up. Trash found outside of southern fence in Unit 1. Majority of trash is plastic scraps.
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 circling around sedimentation pond. They flew off to the east.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/22/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 38

Start Time: 5:50:00 AM Stop Time: 4:33:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0550-Biologist was at sedimentation pond to check if water was being discharged. No discharge was found. Was informed by BLM that discharge would no longer occur at the sedimentation pond.

0730-Biologist walked the temporary desert tortoise fence around Unit 2. No breaches were found in the fence.

0750-Biologist began bi-monthly raven survey.

1245-Biologist swept turnaround by Arizona crossing for delivery of materials. No sensitive or other biological resources were found.

1415-Biologist entered raven data into tapforms.

Monitor Checklist

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

Additional Notes: RTHA, NOHA, PRFL

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/22/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 40

Start Time: 7:00:00 AM Stop Time: 3:59:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0700 walked fence line unit 2 concurrently conducted raven point counts till 1145,
 1145 checked in Wasatch and potential Dkf scat, not scat
 1245 swept turnaround area for fiber optics drop off no issues
 1350 called cultural to report rock turned over by grader in parking lot
 Broke for lunch
 1425 checked on pond netting and Wasatch pole setting
 1600 left site

Monitor Checklist

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

Additional Notes: 3 red-tailed hawks and one male prairie falcon on access road wooden power poles

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/23/2013

Monitor: Brian Weller
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 47

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

Sites Monitored

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

Activity Log: 0645-Biologist attended tailboard with other biologists on site. Safety was discussed and the plan of the day.

0730-Biologist conducted telemetry monitoring at several kit fox burrow complexes.

1245-Biologist swept new access road for Wasatch Electric and escorted equipment to paved access road. No sensitive or other biological resources were found.

1420-Biologist installed a field camera in the drainage channel just outside of the northeast corner of Unit 2. Camera was installed to monitor a burrowing owl.

1530-Biologist moved a camera from GKBF005 to 0692122 3722870.7

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			5 ravens on ground just north of trailer city. 2 ravens perched on poles along access road.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: RTHA, HOLA, BUOW.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/23/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 52

Start Time: 8:55:00 AM Stop Time: 5:20:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0900 inspect fiber line installation area in amended row. Discussed monitoring and row with bio. 0945 discussed fiber installation with fiber crew. 1000 safety and kick off with fiber crew. 1045 discussed foxes and BUOW with bios. 1100 inspect ne corner of unit 2 within fence parking area. No findings 1120 informed project proponent of food trash ne corner of powerblock 2 and in roll off bin se corner unit 2. Project proponent notified and to be cleaned and properly stored. 1230 inspect fiber install. 1400 meeting. 1500 office.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Compliance notified and waste to be disposed of properly.
Topsoil segregated properly?	X			Ripper blade used for fiber install minimal disturbance.
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			Fiber install locations cleared and activity monitored.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			4: 2 flying, 1 perched on ground, 1 perched on mirror tower.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/23/2013

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 73 Low Temp (°F): 51

Start Time: 5:45:00 AM Stop Time: 4:10:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0545 swept turn around area
 0900 met at turnaround area for tailboard meeting with frontier
 0930 begin installation of fiber optic conduit along dirt access road
 Finished at 1540 on access road
 1600 debriefed with eric at trailer
 Breached water ways with backhoe in case of rain

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 1/24/2013

Monitor: Brian Weller
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 58

Start Time: 5:32:00 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: 0535-Biologist swept laydown area north of Arizona crossing. No sensitive or other biological resources were found. 0545-Biologist swept paved access road and all turnarounds. No sensitive or other biological resources were found. 0630-Biologist swept areas around telecom poles from turnaround to guard shack. No sensitive or other biological resources were found. 0730-Biologist attended the Frontier Construction tailboard. The foreman discussed the plan of the day along with all associated safety issues. The crew plans to lash cable to telecom lines along access road. The crew also will trench along the unpaved road from pad 54 to pad 56. 0800-Biologist monitored the crews attaching cable to the telecom line along access road. No biological resources were impacted by the activities. 1045-Biologist monitored the crews trenching along unpaved access road near pad 56. No biological resources were impacted by the activities. 1300-Biologist checked sedimentation pond for water. No water was found. 1320-Biologist checked channel north of Unit 1 for signs of BUOW. No BUOWs were found. 1400-Biologist checked areas around power blocks 1&2 for raven activity and for trash. No ravens were found in these areas and there were no trash issues. 1445-Biologist monitored the temporary restoration of the dune berms crossing the unpaved 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			2 ravens flying east over turnaround near Arizona crossing. 2 ravens perched on telecom poles near pad 54.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/24/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 60

Start Time: 8:45:00 AM Stop Time: 5:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0845, and throughout day, inspect access road. No findings. 0930 inspect roll off dumpster from yesterday food trash bag has been removed. 1000 office. 1400 meeting. 1500 inspect dirt access road at amendment location. Additional staking to be installed to help demarcate row. Berms reinstalled and washes cleared to allow normal flow courses of water in event of rain. 1600 report of concrete truck leaking fuel due to damage caused by collision with caisson unit 1 block 7. Accident was reported to me, designated biologist. Investigated and discussed cleanup with contractor. Dirt to be removed. Project proponent at location and aware.

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			Food trash in dumpster reported yesterday removed.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3: 1 flying in common area, 1 flying along access road, 1 perched on permanent fence.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Report of Dkf east of bio gate, fox crossing road heading north

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/24/2013

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 64 Low Temp (°F): 55

Start Time: 6:45:00 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: 0645 swept t line access road, held tailgate meeting with frontier, installed fiber optic conduit finished at 1135
 Cleared small be from drainage per chucks (blm/bv) request

1200 left site

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		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 1/25/2013

Monitor: Brian Weller
 Weather Conditions: Raining, Clouds: 100%, Pcp: Light
 High Temp (°F): 64 Low Temp (°F): 58

Start Time: 9:15:00 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: 0915-Biologist swept access road and all turnarounds from east to west. No sensitive or other biological resources were identified during the sweep.

1030-Biologist swept pads 22-30. No sensitive or other biological resources were identified during the sweep.

1125-Biologist monitored Wasatch Electric framing transmission poles. No biological resources were impacted by the activities.

1520-Biologist monitored the pumping of a 1.2 million gallon water tank into the evaporation ponds in Unit 1. No leaks or spill over were observed.

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 flying north over access road.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: HOLA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/25/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 90%, Pcp: Trace
 High Temp (°F): 70 Low Temp (°F): 58

Start Time: 6:40:00 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: 0640 inspect access road throughout day. No findings. 0730 discuss tank discharge into evap pond. Inspect evap pond. No wildlife or birds found. Discussed completion of netting. Netting to be completed prior to discharge 1100 office. 1230 noted standing water near water filter compliance to have water removed. 1300 inspect piping for discharge. No water in line 1420 inspect evap pond. Final repairs being made. 1500 discharge began coupler mal function and repaired 1515 discharge began again. No leaks or other issues noted.

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			Evap pond inspected areas with gaps were repaired.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			5, 1 flying near evap pond, 2 flying near common area, 2 flying near power block 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Red-tailed hawk, report of early morning fox along access road approx. 1 mile east of plant site.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/28/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 57 Low Temp (°F): 44

Start Time: 5:19:00 AM Stop Time: 10:15:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0520-Biologist swept eastern-most turnaround and paved access road. No sensitive or other biological resources were identified during the sweep.

0630-Biologist walked the temporary desert tortoise exclusionary fence around Unit 2. No breaches were found.

0815-Biologist checked on the functionality of the water pump draining the large water tank. No leaks were found. The biologist also checked the evaporation ponds where the water was being pumped. No leaks or spill-over was found.

Monitor Checklist

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

Additional Notes: LENI

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/28/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 50%, Pcp: None
 High Temp (°F): 59 Low Temp (°F): 48

Start Time: 5:40:00 AM Stop Time: 4:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0540 inspect access road, some vehicles were slowly pulling away as i traveled 35 mph. (Maybe 38?) Reported at 1400 meeting. No other findings. 0600 pole contractor meeting. 0645 inspect tank in common area discharge. No standing water from discharge noted. Noted standing water from rainfall over weekend. Discussed with compliance water to be minimized.

1000 inspect areas around assembly building most areas were clean. Noted some trash in torque tube area. Notified contractor and compliance. 1130 inspect evap ponds. Noted rainwater in one pond and discharge water in netted pond. Inspected for avian and other wildlife mortalities. No mortalities found. 1230 inspected parking areas. Noted micro trash clean up in progress in parking areas. 1400 meeting. 1600 inspect access road. Speed limits adhered to. No other findings.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			Micro trash observed to be being cleaned in parking areas. Reported other trash to contractor and compliance.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		Reported morning ingress of vehicles traveling greater than 35 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			Work inside of 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			100% intact.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			9 total. 6 flying in common area and parking lot north of common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: 100% perimeter fence completed today. Fence and tortoise grate 100% intact.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/28/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 40%, Pcp: None
 High Temp (°F): 59 Low Temp (°F): 43

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

Sites Monitored

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

Activity Log: 0700 walked unit 1 no fence damage, picked up one plastic bag
 1050 staked blm road on TLine access road and checked berms for rain damage, no damage
 1250 swept pads 22-27 along access road for tuesday t line drilling
 1500 swept access road south of freeway
 1630 left site

Monitor Checklist

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

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/29/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 61 Low Temp (°F): 41

Start Time: 6:45:00 AM Stop Time: 5:12:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0650-Biologist checked the status of WBO burrow outside of northeast corner of Unit 2. Single owl seen outside of burrow.

0730-Biologist collected camera cards from several kit fox burrow complexes.

0930-Biologist monitored the drilling of holes to place transmission poles. No sensitive or other biological resources were impacted by the days activities.

1520-Biologist swept the road shoulder and pads from #26-31. No sensitive biological resources were found during the sweep.

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 perched on pole along access road.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: RTHA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/29/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 58 Low Temp (°F): 40

Start Time: 5:35:00 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: 0540 inspect access road No findings 0600 pole contractor meeting. 0630 walk through of driller path with monitors. 0700 Noted damage at bio gate notified compliance. Repaired. 0730, and throughout day, dkf monitoring. 0930 meet drill crew for walk through. Discuss inspecting ground beneath vehicle for wildlife, trash disposal, work areas. 1400 meeting. 1500 inspect water minimization from weekend storm. Water noted in sedimentation pond. Project proponent not discharging into sedimentation pond. Will monitor possibly rainwater. 1525 report of dkf on site ne corner of unit 2. Two foxes located in pipe laydown area. Pipes checked and caps replaced. Collared fox tracked via telemetry off site later in evening. CDFW and compliance contacted.

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			Bio gate repaired.
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: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/29/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 53 Low Temp (°F): 44

Start Time: 7:00:00 AM Stop Time: 8:22:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0630 Swept access road
 Waited for frontier to show up
 0830 meeting with frontier about hand hole installation, installed at pad 52 and pad 54 finished at 1500
 1530 assisted eric and Shelly looking for kit fix in unit 2 block 6, stayed till 2020 tracking kit fox
 Found fox 525 at junction of first bridge and 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		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 1/29/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 68

Start Time: 2:12:00 PM Stop Time: 5:40:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0215 no road kill on access road, one raven north of NE corner of unit 2
 0330 went with Eric to find reported fox in NE corner of unit 2, observed raven eating pudding with more scattered food trash, saw another raven eating chips, tracked food to uncovered trash bin with food, in Newtron area, construction worker came over and I asked that this trash be closed and removed and that all trash has to be covered, left message with Jennie Gavaldon, found Eric with DKF signal in area with 16 pipe, 30 ft long, capped pipes that could be confirmed empty, fox was collared Babs, a second fox flushed (uncollared), Babs did not flush, Ron Walker left to monitor Babs after dark to see if she leaves or if signal switches to mortality
 0520 no roadkill on 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		Uncovered food trash with ravens foraging
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 NE of unit 2, 2 foraging on trash in Unit 2 in Newtron area
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, DKF, HOLA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/30/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 67 Low Temp (°F): 38

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

Sites Monitored

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

Activity Log: 0530-Biologist swept access road and easternmost turnaround area. No sensitive or other biological resources were identified during the sweep.

0600-Biologist attended the Wasatch Electric tailboard. The foreman discussed plan of the day and all safety issues. Crews plans to set poles and drill holes for pole setting. Biologist reminded crews to check under vehicles, stay within approved work areas and to follow the posted speed limit.

0630-Biologist swept pads 26-31.No sensitive or other biological resources were identified during the sweep.

0730-Biologist monitored the drilling of holes at pads 26-31. No sensitive species were impacted by the days activities. All holes were adequately covered to prevent wildlife from falling in and getting trapped.

1550-Biologist swept pads 32-38. No sensitive or other biological resources were identified during the sweep.

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	YES
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 1/30/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 52 Low Temp (°F): 38

Start Time: 6:05:00 AM Stop Time: 7:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0800, and throughout day, monitor access road. No findings. 0830 inspect pipe laydown, fox present. Spoke with foreman and contacted cdfg to discuss monitoring and deterrent efforts. 1315 meet with setting crew. Then monitor pole setting. Poles 22 and 23 set. Pole pads and shoulder parking areas cleared. 1500 rubber tire hoe used shoulder outside pad about 5' x 10'. Tracks. Occurred in previously disturbed and restored shoulder area. Spoke with operator. 1515 report that early evening night work would be occurring in powerblock 2. Compliance to review lighting plan with contractor.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?		X		A loader used a small portion of south shoulder for egress into pad site. Spoke with operator. Flagging to be improved.
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			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			7: 5 flying, 2 perched.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/30/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 49

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

Sites Monitored

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

Activity Log: 0700 swept access road and turn around area for fiber optic install, finished at 1510
 1535 monitored T line pole installation, no issues, finished at 1735
 1745 monitored kit fox in unit 2 babs, no signal, finished at 1950.

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 1/30/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 70 Low Temp (°F): 67

Start Time: 9:30:00 AM Stop Time: 5:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0930 one raven on pole of access road, RTHA on another pole, no roadkill observed
 1020 Babs on-site again under pipes, same location as yesterday
 1050 removed camera from WBO burrow GBBBW001, owl not observed on approach, adult owl (one) observed on camera downloads for 01/25/13 and 01/27/13.
 1200 office to finish ACR, update DKF data on GPS units, plan precon surveys along E/W line, prep for installing camera at GKBFG002
 230 met with Eric at pole setting, he explained biomonitoring of pole setting, cleared access road and next pole pad, Ron took over
 330 telemetry on access road then checked for Babs under pipes, 3 ravens perched on perm DT fence on N side of unit 2, live ping from Babs under same pipes as yesterday, uncollared fox in sun adjacent to pipes, flushed under pipes
 445 gave Eric telemetry equip and he stayed with Babs, not enough light to install new DKF camera before dark

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			Some restoration area signs and topsoil signs are falling apart/illegible
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	YES
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-access road pole, 3-perm DT fence N side unit 2
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: RTHA, HOLA, CORA, DKF

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/31/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 68 Low Temp (°F): 38

Start Time: 6:15:00 AM Stop Time: 5:35:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0615-Biologist cleared all equipment staged on access road. No sensitive or other biological resources were identified during the sweep.

0700-Biologist monitored the drill rig excavating holes for pole placement. Crew drilled from pad 33-38. No sensitive biological resources were impacted by the days activities.

1600-Biologist monitored the crews framing poles. No sensitive or other biological resources were impacted by the activities.

Monitor Checklist

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

Additional Notes: AMKE, PRFA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/31/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 67 Low Temp (°F): 38

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

Sites Monitored

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

Activity Log: 0530 inspected access road throughout day. 0600 tpole meeting. 0630 and throughout day monitor tpole activities including clear, inspect ground beneath vehicles for tortoises. 1000 inspect pipe laydown for dkf. Dkf present in yard. Monitored pipe removal activities. 1400 meeting 1430 crew pointed out they had tracked a vehicle outside of work area. Tire Tracks in area that had been previously cleared. Crew to use spotter in pads with excessive staking. 1745 crews left. 1755 noted fox in eastern channel. 1830 telemetry search for fox. Fox had left pipe laydown area. 1900 alive ping.

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		Banana peels along access road
Topsoil segregated properly?			X	Work was approved for on top of native spill.
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		Compliance is aware.
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			8: 4 in one group flying. 4 others fling separate.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Red tail hawk

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/31/2013

Monitor: Shelly Dayman
 Weather Conditions: Partly Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 69 Low Temp (°F): 67

Start Time: 9:00:00 AM Stop Time: 6:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0900 no roadkill on access road, monitored pole setting until Ron was done with fiber
 1000 took telem equip to Eric with Babs at pipes, confirmed Babs present with live ping and observed second uncollared fox under pipes, both foxes not in area with pipes being removed
 1100 DKF telemetry and cameras
 1210 took over for Ron, monitored pole setting at pole 27 and earth moving of spoil pile at pole 28
 245 DKF telemetry and cameras
 510 office to finish ACR, need follow up info to complete

Monitor Checklist

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

Additional Notes: CORA, DKF, round-tailed ground squirrel, RTHA

ATTACHMENT 4

SURVEY DATA FORMS

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



Monitor	Date	CORA Observation Point	Start Time	End Time	Minimum Visibility (m)	Maximum Visibility (m)	Wind Direction	Wind Speed (mph)	Precipitation	Temp. (°F)	Cloud Cover
Brian Weller	1/8/2013	R7. 686177 W, 3725504 N	11:18:00 AM	11:28:00 AM	99999	99999	NW	6.7	None	72	0%
Brian Weller	1/8/2013	R6. 687910 W, 3726586 N	12:08:00 PM	12:18:00 PM	99999	99999	NW	14.5	None	71	0%
Brian Weller	1/8/2013	R5. 685761 W, 3727662 N	12:59:00 PM	1:09:00 PM	99999	99999	NW	14	None	71	0%
Brian Weller	1/8/2013	R3. 683684 W, 3727437 N	1:45:00 PM	1:55:00 PM	99999	99999	NW	12	None	71	0%
Brian Weller	1/8/2013	R4. 683203 W, 3727508 N	2:15:00 PM	2:25:00 PM	99999	99999	NW	15.7	None	71	0%
Brian Weller	1/8/2013	R2. 686736 W, 3726215 N	2:38:00 PM	2:48:00 PM	99999	99999	NW	11.5	None	69	0%
Brian Weller	1/8/2013	R1. 691217 W, 3722767 N	3:10:00 PM	3:20:00 PM	99999	99999	NW	9	None	73	0%
Brian Weller	1/22/2013	R7. 686177 W, 3725504 N	7:27:00 AM	7:37:00 AM	99999	99999	NW	1.5	None	40	5%
Brian Weller	1/22/2013	R6. 687910 W, 3726586 N	8:20:00 AM	8:30:00 AM	99999	99999	NW	2.5	None	52	5%
Brian Weller	1/22/2013	R5. 685761 W, 3727662 N	9:27:00 AM	9:37:00 AM	99999	99999	NW	1	None	58	0%
Brian Weller	1/22/2013	R4. 683203 W, 3727508 N	9:57:00 AM	10:07:00 PM	99999	99999	NW	1	None	67	0%
Brian Weller	1/22/2013	R3. 683684 W, 3727437 N	10:15:00 AM	10:25:00 AM	99999	99999	NW	1	None	67	0%
Brian Weller	1/22/2013	R2. 686736 W, 3726215 N	11:05:00 AM	11:15:00 AM	99999	99999	NW	1	None	71	0%
Brian Weller	1/22/2013	R1. 691217 W, 3722767 N	11:30:00 AM	11:40:00 AM	99999	99999	SW	3.7	None	69	5%

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



Monitor	Date	CORA Observation Point	Observation Time	Sex	Age	No. of CORA	Activity	Flight Direction (to)	1 st Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
Brian Weller	1/8/2013	R7. 686177 W, 3725504 N	11:18:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/8/2013	R6. 687910 W, 3726586 N	12:08:00 PM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/8/2013	R5. 685761 W, 3727662 N	12:59:00 PM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/8/2013	R4. 683203 W, 3727508 N	2:15:00 PM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/8/2013	R3. 683684 W, 3727437 N	1:45:00 PM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/8/2013	R2. 686736 W, 3726215 N	2:38:00 PM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/8/2013	R1. 691217 W, 3722767 N	3:10:00 PM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/22/2013	R7. 686177 W, 3725504 N	11:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/22/2013	R6. 687910 W, 3726586 N	11:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/22/2013	R5. 685761 W, 3727662 N	11:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/22/2013	R4. 683203 W, 3727508 N	11:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/22/2013	R3. 683684 W, 3727437 N	11:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/22/2013	R2. 686736 W, 3726215 N	11:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	1/22/2013	R1. 691217 W, 3722767 N	11:30:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.

ATTACHMENT 5
CORRESPONDENCE

From: German, Charles
Sent: Thursday, January 31, 2013 10:18 PM
To: Magdalena Rodriguez; Tera_Baird@fws.gov; Mark Massar;
AGolden@energy.state.ca.us
Cc: Chuck.gri ffi n@us.bureauveri tas.com; Jenni fer.Gaval don@fpl .com; 'William
Watson'; Guigliano, Jenni fer; Ireland, Mike; Dayman, Shelly
Subject: Genesis BIO-15 Preconstruction Nest Surveys and Avoidance Measures

BIO-15 Pre-Construction Nest Surveys and Avoidance Measures Section 2 reads that "at least two pre-construction surveys shall be conducted separated by a minimum 10-day interval." The initial survey preconstruction survey was performed more than 10 days ago along the linear path Genesis construction is following. Birds were not nesting at this time and a formal Pre-Construction Nesting Survey would have been out of context. Now that nesting season has started, a Pre-Construction Nesting Survey will be conducted within the 7-day period preceding the initiation/re-initiation of construction activity. This Pre-Construction Nesting Survey is being interpreted as the second Pre-construction survey.

The BIO-15 intent is likely not to cause a halt in on-going linear construction activities for 10 days but to ensure that a formal nesting bird survey is performed during the time period of February 1 through July 31, nesting season, within 7 days of construction.

The linear construction activities in progress will largely be completed within 3 weeks and a 10 day waiting interval would push current construction further into the active nesting season. If active nests are detected during the survey, a buffer zone and monitoring shall be developed.

The purpose of this email to provide you with an update regarding Pre-Construction Nest Surveys at Genesis. Thank you,
Eric German
805-895-9842

From: German, Charles
Sent: Thursday, January 31, 2013 9:48 PM
To: Magdalena Rodriguez; Tera_Baird@fws.gov; Mark Massar;
Chuck.gri ffi@us.bureauveritas.com; AGolden@energy.state.ca.us
Cc: Gaval don, Jenni fer; 'William Watson'; rhaverland@blattnerenergy.com;
Gui gli ano, Jenni fer; Ireland, Mike; Dayman, Shelly
Subject: Genesis Nesting Bird Policy
Attachments: Migratory bird permit Memo 20030415.pdf; 20130131 Genesis Bird

Pol icy.docx

Project biologists would like to have a policy to deal with possible avian nest construction within the solar project perimeter fence. Attached is a copy of the proposed policy. Thank you for your time,
Eric German
805-895-9842

From the California Department of Fish and Wildlife (formerly California Department of Fish and Game) Codes 3503 and 3503.5:

3503. It is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by this code or any regulation made pursuant thereto.

3503.5. It is unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes (birds-of-prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by this code or any regulation adopted pursuant thereto.

From the U.S. Fish and Wildlife Service MBTA Migratory Bird Permit Memorandum MBPM-2 (April, 2003):

Policy: The MBTA does not contain any prohibition that applies to the destruction of a migratory bird nest alone (without birds or eggs), provided that no possession occurs during the destruction. To minimize MBTA violations, Service employees should make every effort to inform the public of how to minimize the risk of taking migratory bird species whose nesting behaviors make it difficult to determine occupancy status or continuing nest dependency.

In order to permit the construction, maintenance, and operation, of the Genesis Solar Energy Project (GSEP), while maintaining compliance with the Migratory Bird Treaty Act (MBTA) and applicable California Department of Fish and Wildlife (CDFW) Codes 3503 and 3503.5, project biologists would like to have a policy to deal with avian nest construction within the solar project perimeter fence. This policy would outline the necessary steps to prevent a violation of the MBTA and CDFW Codes 3503 and 3503.5, while permitting the continued construction and operation of the solar project.

There are already several steps in place to avoid active bird nests during the nesting season (defined as February 1 through July 31 in BIO-15). Pre-construction nest surveys are required for any activities within nesting habitat during the nesting season. Avian attractants associated with GSEP that may lead to nesting exist and include food, water and shelter. Several avian species are adapted to disturbance and may nest in areas with human disturbance despite the lack of native habitat. Although resources are limited to the greatest extent possible to remain in compliance with the Raven Monitoring Plan (BIO-13), there are new structures which could offer potential nesting locations for birds.

Project biologists would like to permit the following measures when a potential nest within GSEP, specifically within areas inside the perimeter fence, is identified and is being used by birds:

1. Monitor the location to determine which bird species may be using the location for nesting. This may include an awning, crevice, light pole, roof-overhang, or other structure that provides shelter and support for a nest. By determining which species maybe attempting to nest, biologists will have an idea of how long it may take for the nest to be complete.

2. Install anti-perching devices to prevent birds from perching on the locations that might be conducive for nesting.
3. Ensure that no areas of GSEP are left without human activity for over two days.
4. Allow biologists to flush birds from perch locations where nesting activity is observed.
5. Permit the removal of any nests that are less than 25% complete. Since some bird species can build a nest in a day or two, the 25% complete mark may vary depending on the species. Generally when a few twigs, grass stems, mud, or other material is placed on a nesting location, it would be removed as long as no cup had already been constructed. Most nests have several stages to their construction. Generally a few twigs are laid down to hold the base of the nest. Then more twigs are collected and laid down in a circular fashion that begins to form a cup-like shape. Most nests have some sort of cup in which the eggs are placed, and as long as there was no indication that an egg could be laid in the nest and remain within the nest, the nest could be removed by biologists. Therefore any nests that are at the beginning stage of being constructed and have no cup-like shape could be removed.

Attached is a USFWS Migratory Bird Permit Memorandum regarding nest destruction. The California Department of Fish and Wildlife (CDFW) 3503 states "It is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird ..." We are asking to confirm if Code 3503 only applies to completed nests and if so, if activities that remove nesting material before the nest is completed would therefore be considered to be consistent with Code 3503. If a nest is over 25% complete, the nest would be considered active and appropriate buffers would be established.

Nest removal during construction of nests is requested as the likelihood of successful nesting within GSEP may be lower (even with buffers) than off-site in native habitat. Within GSEP disturbance of nesting behavior is greater even with buffers, when the young fledge they may not find safe areas to fledge to, and there is a lack of preserved nesting location in subsequent nest attempts. Flushing of birds from GSEP and removal of nest attempts that are less than 25% complete would be used to encourage birds to invest their energies into the native desert habitat outside of the GSEP perimeter.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Washington, Washington, D C 20240

MBPM-2
Date: APR 15, 2003

MIGRATORY BIRD PERMIT MEMORANDUM

SUBJECT: Nest Destruction

PURPOSE: The purpose of the memorandum is to clarify the application of the Migratory Bird Treaty Act (MBTA) to migratory bird nest destruction, and to provide guidance for advising the public regarding this issue.

POLICY: The MBTA does not contain any prohibition that applies to the destruction of a migratory bird nest alone (without birds or eggs), provided that no possession occurs during the destruction. To minimize MBTA violations, Service employees should make every effort to inform the public of how to minimize the risk of taking migratory bird species whose nesting behaviors make it difficult to determine occupancy status or continuing nest dependency.

The MBTA specifically protects migratory bird nests from *possession, sale, purchase, barter, transport, import, and export, and take*. The other prohibitions of the MBTA – *capture, pursue, hunt, and kill* – are inapplicable to nests. The regulatory definition of *take*, as defined by 50 CFR 10.12, *means to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to pursue hunt, shoot, wound, kill, trap, capture, or collect*. Only *collect* applies to nests.

While it is illegal to collect, possess, and by any means transfer possession of any migratory bird nest, the MBTA does not contain any prohibition that applies to the destruction of a bird nest alone (without birds or eggs), provided that no possession occurs during the destruction. The MBTA does not authorize the Service to issue permits in situations in which the prohibitions of the Act do not apply, such as the destruction of unoccupied nests. (Some unoccupied nests are legally protected by statutes other than the MBTA, including nests of threatened and endangered migratory bird species and bald and golden eagles, within certain parameters.)

However, the public should be made aware that, while destruction of a nest by itself is not prohibited under the MBTA, nest destruction that results in the unpermitted take of migratory birds or their eggs, is illegal and fully prosecutable under the MBTA.

Due to the biological and behavioral characteristics of some migratory bird species, destruction of their nests entails an elevated degree of risk of violating the MBTA. For example, colonial nesting birds are highly vulnerable to disturbance; the destruction of unoccupied nests during or near the nesting season could result in a significant level of take. Another example involves

ground nesting species such as burrowing owls and bank swallows, which nest in cavities in the ground, making it difficult to detect whether or not their nests are occupied by eggs or nestlings or are otherwise still essential to the survival of the juvenile birds. The Service should make every effort to raise public awareness regarding the possible presence of birds and the risk of violating the MBTA, the Endangered Species Act (ESA), and the Bald and Golden Eagle Protection Act (BGEPA), and should inform the public of factors that will help minimize the likelihood that take would occur should nests be destroyed (i.e., when active nesting season normally occurs).

The Service should also take care to discern that persons who request MBTA permits for nest destruction are not targeting nests of endangered or threatened species or bald or golden eagles, so that the public can be made aware of the prohibitions of the ESA and the BGEPA against nest destruction.

In situations where it is necessary (i.e., for public safety) to remove (destroy) a nest that is occupied by eggs or nestlings or is otherwise still essential to the survival of a juvenile bird, and a permit is available pursuant to **50** CFR parts 13 and 21, the Service may issue a permit to take individual birds.



Director

Appendix C

Haz-6

Worker Environmental Awareness Program Training

Genesis Site Safety Orientation - JAN 2013

	Signature	Print Name	Company	Date
✓1		Kristina Tyson	NEUTRON	1-2-13
2		SHAWN VARDEZ	NEUTRON	1-8-13
3		BERNARDO LUTZ	NEUTRON	1-8-13
4		BERNARDO LUTZ	NEUTRON	1-8-13
5		BERNARDO LUTZ	NEUTRON	1-8-13
6		Jeremy Voss	NEUTRON	1-8-13
7		James E. Ralston	NEUTRON	1-21-13
8		Ruben Masongsong	NEUTRON	1-21-13
9	JEREMY FORSHAW	JEREMY FORSHAW	NEUTRON	1-21-13
10	MARK YEGGE	MARK YEGGE	NEUTRON	1-21-13
11		JESUS BARRERA	NEUTRON	1-23-13
12		Hunter Watkins	NEUTRON	1-23-13
13		Joseph Rausch	NEUTRON	1-23-13
14		Martin Mendez	NEUTRON	1-23-13
15		Aaron Candefaria	NEUTRON	1-23-13
16		Fred Clifton	NEUTRON	1-23-13
17		HOWARD TANDY	NEUTRON	1-23-13
18		Ricky Jensen	NEUTRON	1-23-13
19		Todd C. Pissner	NEUTRON	1-23-13
20		Rejean Ellis	NEUTRON	1-23-13
21		Justin Collins	NEUTRON	1-28-13
22		Jason Crook	NEUTRON	1-28-13
23		Jose A. Rivas	NEUTRON	1-28-13
24		Ricardo Velaz	NEUTRON	1-28-13
25		Jorge Sclinas	NEUTRON	1-28-13
26		Jan "Eric" Wilson	NEUTRON	1-28-13
27		James Coleman	NEUTRON	1-28-13
28		Bryce Miller	NEUTRON	1-28-13
29		MARK STRAIN	NEUTRON	1-28-13
30		CARLOS A. SEGOVIA	NEUTRON	1-28-13
31				
32				
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2

January - 2013

28

Genesis Site Safety Orientation

ARB Inc.

	Signature	Print Name	Company	Date
1	<i>Chester L. Edenfield</i>	Chester L. Edenfield	ARB	1-13-13
2	<i>Robert Testerman</i>	Robert Testerman	ARB	1-13-13
3	<i>Bryce Peterson</i>	BRUCE PETERSON	ARB	1-14-13
4	<i>Jerrold K. Wayman</i>	Jerrold K. Wayman	ARB	1-21-13
5	<i>Chad E. Keller</i>	CHAD E. KELLER	ARB	01-21-2013
6	<i>Jesse Gerber</i>	Jesse Gerber	ARB	01-21-2013
7	<i>Adam Scholtka</i>	Adam Scholtka	ARB	1/21/2013
8	<i>Nolan Miller</i>	Nolan Miller	ARB	1-21-13
9	<i>Brian Ramos</i>	BRIAN RAMOS	ARB	1-21-13
10	<i>Jeff Ayo</i>	JEFF AYO	ARB	1-21-13
11	<i>Jay Howell</i>	Jay Howell	ARB	1-21-13
12	<i>V. John Jusions</i>	V. John Jusions	ARB	1-28-13
13	<i>Adam Colver</i>	Adam Colver	ARB	1-28-13
14	<i>Mark Craig</i>	Mark Craig	ARB	1-28-13
15	<i>Nathan Bison</i>	Nathan Bison	ARB	1-28-13
16	<i>Juan Salinas</i>	Juan Salinas	ARB	1-28-13
17	<i>Sue Furrier</i>	Sue Furrier	ARB	1-28-13
18	<i>Billie Chase</i>	Billie Chase	BIGGE CHASE	1-29-13
19	<i>Eric Frelow</i>	ERIC FRELOW	BIGGE	1-29-13
20	<i>Charles Foyot</i>	CHARLES FOYOT	SUNBELT RENTALS	1-30-13
21				
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35				

JAN 2013

35

Genesis Site Safety Orientation

ARB Inc.

Signature	Print Name	Company	Date
	LEE GILLILAND	ARB	1-2-13
	JIM HEFFNER	ARB	1-2-13
	DAVID H. CAVIAH	ARB	1-2-13
	MATTHEW H. RAY	ARB	1-7-13
	FRED L. TURNER	ARB	1-7-13
	JOSE C. VESQUEZ	ARB	1-7-13
	HENRY WILSON	ARB	1-7-13
	ROBBIE ALLEN	ARB	1-7-13
	DAVID SALDANA	ARB	1-7-13
	AARON SCHULTZ	ARB	1-7-13
	MARCO A. LOPEZ	ARB	1-7-13
	JEREMIAH SANDERS	ARB	1-7-13
	MICHAEL WSKAPPS	ARB	1-7-13
	ISMAEL CORRAL	ARB	1-7-2013
	ARTHUR E. PARRA	ARB	1-7-2013
	RYAN MCBARRY	ARB	1-7-2013
	AARON RUSSELL	ARB	1-7-13
	GILBERT GARCIA	ARB	1-7-13
	JOSEPH MECHE	ARB	1-7-13
	STEPHEN SMITH	ARB	1-7-13
	DANIEL MORA	ARB	1-7-13
	LARRY THOMAS	ARB	1-7-13
	FRANK EBERS	ARB	1-7-13
	JEFF YOUW	ARB	1-7-13
	CHRIS CATANO	ARB	1-7-13
	MIKE THOMAS	ARB	1-7-13
	SUSAN J. MILLER	ARB	1-7-13
	JOHN T. ADAIR	ARB	1-7-13
	ALEX PATTERSON	ARB	1-9-13
	TODD MCMANIS	ARB	1-9-13
	AUSTIN DAVIS	ARB	1-14-13
	RANDAL WOODS	ARB	1-14-13
	ART DOMINGUEZ	ARB	1-14-13
	LOWELL BUTTON	ARB	1-14-13

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications



Genesis BVnet Approved Status Matrix January 2013

Project	Submittal Title	Lead Plan Reviewer	CBO Approved Date
Genesis Solar Energy Project	CIVIL-1-002.01 - Access Road Package - PC1	Bartholomew, David	1/30/2013
Genesis Solar Energy Project	CIVIL-1-013.0X2 - Finish Grading Power Block Unit 1 Paving - PC1	Bartholomew, David	1/8/2013
Genesis Solar Energy Project	CIVIL-1-017.0X1 - Evaporation Pond - PC1	Bartholomew, David	1/3/2013
Genesis Solar Energy Project	ELEC-1-010.0X3 - Grounding Plans - PC1	Son, Cristian	1/7/2013
Genesis Solar Energy Project	ELEC-1-039.0X2 - Electrical Grounding Earthing Layout PC2	Son, Cristian	1/18/2013
Genesis Solar Energy Project	ELEC-1-047.0 - One-Line Diagrams- Overall - PC2	Son, Cristian	1/17/2013
Genesis Solar Energy Project	ELEC-1-074.0X1 - Grounding Power Block 2 Elec and Electronic Bldg - PC1	Son, Cristian	1/25/2013
Genesis Solar Energy Project	ELEC-1-162.0 - Grounding - Power Block 1 - Elec and Electronic Bldg - PC1	Son, Cristian	1/17/2013
Genesis Solar Energy Project	ELEC-1-503.0 - Water Treatment-Electrical Single Line Diagram - PC1	Son, Cristian	1/7/2013
Genesis Solar Energy Project	FAB-1-023.0 - AZZ/Atkinson - EPSI - PC2	Trimberger, Tom	1/2/2013
Genesis Solar Energy Project	GEN-6-012.0 PSI Special Inspector Jim Chamber - PC1	Bartholomew, David	1/16/2013
Genesis Solar Energy Project	GEN-6-013.0 PSI special Inspector Monica Hernandez - PC1	Bartholomew, David	1/16/2013
Genesis Solar Energy Project	MECH-1-200.0-Unit 1&2 HTF Equipment Fire Protection-Package 1-PC1	Trimberger, Tom	1/18/2013
Genesis Solar Energy Project	MECH-1-201.0-Unit 1&2 HTF Equipment Fire Protection-Package 2-PC1	Trimberger, Tom	1/18/2013
Genesis Solar Energy Project	STRUC-1-017.0X5 - Power Block Unit 1 and Unit 2 Main Piperack Steel - PC3	Amirazizi, Saeed	1/22/2013
Genesis Solar Energy Project	STRUC-1-033.0X1 - (Unit 1/2) Condensate Pump Foundations - PC4	Amirazizi, Saeed	1/9/2013
Genesis Solar Energy Project	STRUC-1-087.0X2 - HTF Containment Slab Calcs and Dwgs - PC1	Ho, Alan	1/21/2013
Genesis Solar Energy Project	STRUC-1-113.0 - Deluge System Support Structural and Calculation - PC2	Amirazizi, Saeed	1/3/2013
Genesis Solar Energy Project	STRUC-1-115.0 - PB Unit 1-2 Ullage Structure - Steel - PC2	Rodriguez, Eric	1/15/2013
Genesis Solar Energy Project	STRUC-1-119.0 - PB Unit 1 and 2 Cabon Steel Filter Structure - Steel - PC2	Amirazizi, Saeed	1/21/2013
Genesis Solar Energy Project	STRUC-1-122.0 - HTF SEPARATOR AREA - MISC PIPE SUPPORTS PC2	Amirazizi, Saeed	1/7/2013
Genesis Solar Energy Project	STRUC-1-125.0 - PB UNIT 1and 2 MPS Concrete - PC1	Ho, Alan	1/2/2013
Genesis Solar Energy Project	STRUC-1-127.0 - PB Unit 1 and 2 Electrical Tray Waterfall - PC1	Talmage, Doug	1/2/2013
Genesis Solar Energy Project	STRUC-1-128.0 - PB Unit 1-2 MPS-01-13-000 Thru 003 and MPS-01-23-001 Thru 009 - PC1	Ho, Alan	1/4/2013
Genesis Solar Energy Project	STRUC-1-129.0 - PB Unit 1-2 MPS-01-25-050 Electrical Tray Waterfall Structure - PC2	Talmage, Doug	1/22/2013
Genesis Solar Energy Project	STRUC-1-130.0 - Common Area MPS-00-01-048 FDN and STL at Water Treatment Bldg - PC1	Ho, Alan	1/17/2013
Genesis Solar Energy Project	STRUC-1-131.0 - Power Block Unit 1 and 2 - Deluge Enclosure and PLC-HMI Control Panel FDNS - PC1	Ho, Alan	1/29/2013
Genesis Solar Energy Project	STRUC-1-706.3 CCW and Circulating Water Pump Supports, Pipe Supports and Exchanger Package PC2	Rodriguez, Eric	1/22/2013
Genesis Solar Energy Project	TSE-5-604 - GRB Electrical Design - PC1	Son, Cristian	1/11/2013

Jim Chambers

ACI Technician, ICC Structural Masonry Inspector, ICC Structural Steel and Bolting Inspector, ICC Reinforced Concrete Inspector, ICC Structural Steel & Welding Inspector
Cypress, California

Year started with PSI: 2013
Years experience with other firms: 10

Certifications/Registrations/Technical Training

ICC Master of Special Inspection #5271728 – Exp. 08/07/2014
ICC Certified Structural Masonry Special Inspector #5271728 – Exp. 08/07/2014
ICC Certified Structural Steel and Bolting Special Inspector #5271728 – Exp. 08/07/2014
ICC Certified Reinforced Concrete Special Inspector #5271728 – Exp. 08/07/2014
ICC Certified Structural Steel & Welding Special Inspector #5271728 – Exp. 08/07/2014
ACI Concrete Field Testing Technician-Grade 1 #01055496 – Exp. 10/22/2016

Professional Experience

Mr. Chambers is a new inspector to PSI and was hired on specifically for the Genesis Solar Energy Project located outside of Blythe, California. Mr. Chambers has been working in the Special Inspection industry for 10 years and has a Bachelor's Degree in Engineering from California State University Long Beach. His early work history involved computer support and networking maintenance engineering so Mr. Chambers is certainly a very intelligent individual. In 2003, he started acquiring Special Inspector certifications in order to apply his knowledge of engineering to the construction side of the business. Since then, he has worked on a wide array of projects in the greater Los Angeles area both as an Independent inspector as well as an inspector for a small, local Special Inspection business. Mr. Chambers has several ICC Certifications, including those for Structural Masonry, Structural Steel and Bolting, Reinforced Concrete, Structural Steel & Welding, and most importantly Master of Special Inspection. PSI feels confident that Mr. Chambers will do an excellent job helping to ensure our clientele on the Genesis Solar Project that their project is being built in accordance with the California Building Code, industry standards and regulations, and project plans and specifications.

Representative Construction Inspection Project Experience

CNG Facility Upgrade Project; Division 10, Los Angeles, California
CNG Facility Upgrade Project; Division 18, Gardena, California
Home Depot Corporate Showcase Store; Fullerton, California
HD Supply; Santa Ana, California
Union Pacific Railroad; Mira Loma, California



International Code Council
500 New Jersey Avenue, NW
Washington, DC 20001

The individual named hereon is CERTIFIED in the categories shown, having been so certified pursuant to successful completion of the prescribed written examinations.

Jim Chambers

Not valid unless signed by certificate holder.
ICC Certification attests to competent knowledge of codes and standards.



International Code Council
500 New Jersey Avenue, NW
Washington, DC 20001

The individual named hereon is CERTIFIED in the categories shown, having been so certified pursuant to successful completion of the prescribed written examinations.

Jim Chambers

Not valid unless signed by certificate holder.
ICC Certification attests to competent knowledge of codes and standards.

Mr Jim L Chambers - 5271728
Master of Special Inspection - Exp. 08/07/2014
Structural Steel & Welding Special Inspector - Exp. 08/07/2014
Structural Welding Special Inspector - Exp. 08/07/2014

Mr Jim L Chambers - 5271728
Structural Masonry Special Inspector - Exp. 08/07/2014
Structural Steel and Bolting Special Inspector - Exp. 08/07/2014

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proceed in violation of any federal
state, nor local regulation, whether
shown or not.**

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FAX 248/848-3793

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**ACI Concrete Field Testing Technician -
Grade I**

JIM L CHAMBERS

Certification ID #01055496
Expires on: 10/22/2016



certification

Verify at CheckACI.org

Monica Hernandez

ACI Technician, ICC Structural Masonry Inspector, ICC Structural Steel and Bolting Inspector, ICC Reinforced Concrete Inspector, ICC Structural Steel & Welding Inspector, ICC Prestressed Concrete Inspector, AWS Certified Welding Inspector
Cypress, California

Year started with PSI: 2013
Years experience with other firms: 8

Certifications/Registrations/Technical Training

ICC Certified Structural Masonry Special Inspector #5316480 – Exp. 04/04/2014
ICC Certified Structural Steel and Bolting Special Inspector #5316480 – Exp. 12/22/2014
ICC Certified Reinforced Concrete Special Inspector #5316480 – Exp. 04/04/2014
ICC Certified Structural Steel & Welding Special Inspector #5316480 – Exp. 12/22/2014
ICC Prestressed Concrete Special Inspector #5316480 – Exp. 12/22/2014
ACI Concrete Field Testing Technician-Grade 1 #01064089 – Exp. 11/19/2016

Professional Experience

Ms. Hernandez is a new inspector to PSI and was hired on specifically for the Genesis Solar Energy Project located outside of Blythe, California. She has 8 years of experience working in the Special Inspection industry and is thoroughly knowledgeable of current building codes and regulations. She also is very proficient in blue print and project plan reading and interpretation and has excellent written and verbal communication skills. Ms. Hernandez has several ICC Certifications, including those for Structural Masonry, Structural Steel and Bolting, Reinforced Concrete, Prestressed Concrete, and Structural Steel & Welding, and is also a Certified Welding Inspector (CWI) through the American Welding Society (AWS). She has worked on a wide array of projects during her time as a Special Inspector, some projects of which are highlighted below. Ms. Hernandez will surely serve as a valuable addition to the PSI team on the Genesis Solar Project and beyond.

Representative Construction Inspection Project Experience

Orange County Transportation Authority; Irvine, California
Blythe Elementary School; Reseda, California
Countryside Marketplace; Menifee, California
Front Street Plaza; Temecula, California
Knott's Berry Farm; Buena Park, California

DMV CALIFORNIA DMV

DRIVER LICENSE

CLASS: C

EXPIRES 10-12-14

B4594792



MONICA STAR HERNANDEZ
53239 BONICA ST
LAKE ELSINORE CA 92532



SEX: F HAIR: BRN EYES: BRN
HT: 5-03 WT: 190 DOB: 10-12-79



Monica Hernandez
09/29/2009 235 RB FD/14

Bureau Veritas North America
Plan review approval of documents
does not authorize construction to
proceed in violation of any federal
state, nor local regulation, whether
shown or not.



American Welding Society

Certifies That
WELDING INSPECTOR

Monica Hernandez

Has complied with the requirements of AWS QCI.
Standard for AWS Certification of Welding Inspectors.

with _____, without **X** eye correction, _____ color blind

William D. Day
AWS President



09091551

Certificate Number

Paul K. Williams
AWS Certification Chair

September 1 2015

Expiration Date

ACI Concrete Field Testing Technician -
Grade I

MS MONICA HERNANDEZ

Certification ID #01064089

Expires on: 11/19/2016



certification

Verify at CheckACI.org

Monica Hernandez, Master of Special Inspection - 5316480
Structural Masonry Special Inspector - Exp. 04/04/2014
Structural Steel & Welding Special Inspector - Exp. 12/22/2014

Monica Hernandez, Master of Special Inspection - 5316480
Reinforced Concrete Special Inspector - Exp. 04/04/2014
Prestressed Concrete Special Inspector - Exp. 12/22/2014
Structural Steel and Bolting Special Inspector - Exp. 12/22/2014

Appendix E

Cultural Monitor Reports

Cul-8 and Cul-13

Construction Monitoring Plan and Flag and Avoid

PAL-5

PRS Monitoring and Stop Work Authority

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

CUL-7: Worker Environmental Awareness Program (WEAP)

Requirement: Submit past 30 days of training records

Workers Environmental Awareness Program

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

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

There were no compliance issues this month.

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

January 2013		
Date	Number of Cultural Resource Monitors	Number of Native American Monitors
1/2/2013	5	4
1/3/2013	5	5
1/4/2013	5	5
1/5/2013	1	1
1/7/2013	5	5
1/8/2013	5	4
1/9/2013	5	5
1/10/2013	4	4
1/11/2013	2	2
1/14/2013	3	4
1/15/2013	3	4
1/16/2013	3	4
1/17/2013	3	4
1/18/2013	2	3
1/21/2013	4	4
1/22/2013	4	3
1/23/2013	5	4
1/24/2013	5	4
1/25/2013	3	2
1/28/2013	5	4

1/29/2013	5	4
1/30/2013	5	4
1/31/2013	4	2

Number of Isolate Forms submitted- 5

Number of Site Update Forms submitted- 0

Number of Monitoring Logs submitted - 91

Construction activities were monitored along parts of the main access road, in portions of Unit 1, and in Unit 2. Construction activities monitored included grading, backfilling, drilling, pole placement, and various trenching activities on site. A total of five artifacts were found in all construction areas during the month of January. All five of these were recorded as new isolated finds. The location of cultural resources, including sites and isolates, is being submitted under confidential cover.

CUL-13: Flag and Avoid

Requirement: Submit compliance documentation regarding flagging inspections.

All flagged areas are inspected weekly.



ENVIRONMENTAL CONSULTANTS

Sound Science. Creative Solutions.

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Eric Veerkamp
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

January 31, 2013

RE: PAL-5, Summary of paleontological monitoring and mitigation activities at the Genesis Solar Energy Project for the period of January 1, 2013, through January 31, 2013

Dear Mr. Veerkamp,

This letter is to update you on SWCA Environmental Consultants paleontological mitigation monitoring activities at the GSEP site during the period from January 1 to January 31, 2012. One SWCA Paleontological Resources Monitor (PRM) was onsite full-time during all grading and excavation activities exceeding 1.5 feet in depth within Unit 1 Solar Blocks 3, 4, 6, 7, 8 and Unit 2 Solar Blocks 1-5, 8, 9, Power Blocks 1 & 2, Evaporation ponds, the Pipe Bridge, Common area and the Transmission Line. All paleontological monitoring occurred in Quaternary alluvium.

During the course of monitoring in January, twelve (12) fossil localities were observed and recorded. The fossil localities contained specimens identified as wood and tortoise. Further details regarding these localities have been filed with the California Energy Commission (CEC) under confidential cover. No issues or concerns regarding paleontological resources were identified during the month of January. It is a pleasure working with you on this project. If you have any questions please do not hesitate to contact me.

Respectfully,

A handwritten signature in black ink that reads "Cara Corsetti". The signature is fluid and cursive, with a small dot above the final letter.

Cara Corsetti, M.S.
Principal
Paleontological Resources Specialist, GSEP

Appendix F
Safety Reports and Incidents
Worker Safety-3
Construction Safety Supervisor – Staff Assignment

Safety, Environmental and Compliance Summary Safety

The Project Safety Man-Hours captured are as follows:

154,645	Man hours logged this month
154,645	Man hours logged during 2013
1,493,015	Job total man-hours

Project total RIR 1.34
2013 RIR 3.87

Three Recordable injuries sustained in January 2013:

On January 15, an FE Moran's employee's right thumb was caught between a piece of 4" pipe and the hand rail on a JLG articulating boom lift, resulting in a recordable injury.

A 21' piece of 4" pipe, weighing approximately 225 pounds, was being lifted with an articulating aerial platform boom lift Model Z45/25J. Two employees were occupying the JLG; the operator and the injured. The operator, who was positioned on the right side of the basket, was raising it into position. He turned the lift to the right causing the pipe to contact a stationary beam. Although the pipe was secured on the left side of the controls the contact caused the pipe to suddenly move. As a result the injured employee, positioned right of the controls, tried to prevent displacement by grabbing the pipe with his right hand. His hand slipped between the back portion of the pipe and the rail resulting in a caught between incident. The injured employee removed his leather glove to observe a cut and bleeding on the inside portion of his right thumb. The injured employee received basic 1st aid onsite and was then transported to Palo Verde Hospital in Blythe, CA where he received stitches.

On January 14th of 2013, at 0730 hours, Stephen Smith, an ARB Inc. employee was beginning his tasks as a pipefitter. Smith was extending the power cord from the welding machine pulling the power cord and walking backwards on the embankment next to the road between power blocks one and two.

During his backwards walk, Smith did not pay attention to a 4"x4" on the side of the embankment. He pulled the cord, tripped and fell down twisting his left ankle causing pain.

Smith received care from an "OnSite" EMT and the injury was initially reported as 1st aid. The pain persisted and further diagnosis from a physician showed the employee's ankle to be fractured and needing further treatment including surgery. This injury initially reported as 1st has been reclassified by BPC as recordable.

On January 30th an SPX employee was installing a piece of sheet metal and prying with a pry bar. The pry bar slipped, employee's right forearm struck the sheeting edge causing a cut.

The employee was wearing all the required PPE including Kevlar gloves, however the forearm was unprotected.

SPX stopped that portion of the work until Kevlar sleeves could be obtained to provide additional arm protection.

The injured employee received four stitches to his forearm making it a recordable injury.

First Aid cases were reported during January

1-23 Largo reported a subcontract employee received a skin puncture in the forearm from reaching past a protruding rebar tie wire and being poked with the wire. This is reported as 1st aid.

21st SPX reported 1st when a grinder kicked back on an employee grinding ductwork. The employee had a grip on the grinder handle and was wearing heavy leather work gloves. The grinder cut through the glove and slightly into the back of his thumb.

21st Largo employee reported 1st aid from an employee that was punctured by a nail protruding from a concrete foundation form. The employee had a recent tetanus shot and no treatment was necessary.

The GSEP Safety Professionals continued weekly cross audit "Job Walks".

Contractor Safety Audits were completed and actioned.

Contractors held Weekly All Hands Safety Meetings with agenda and documented attendance.

3rd party audits continued from Bureau Vertis weekly.

Bill Alfera visited the site for Safety Improvement Audit January 23-24

The total Safety Orientations/WEAP training for the month 220.

Weekly Focus Topics were:

- Back Safety
- Personal Fall Arrest System (PFA)
- Preventing Accidents by Focusing on Near Misses
- Angle Grinder Safety



Make the RIGHT Choice

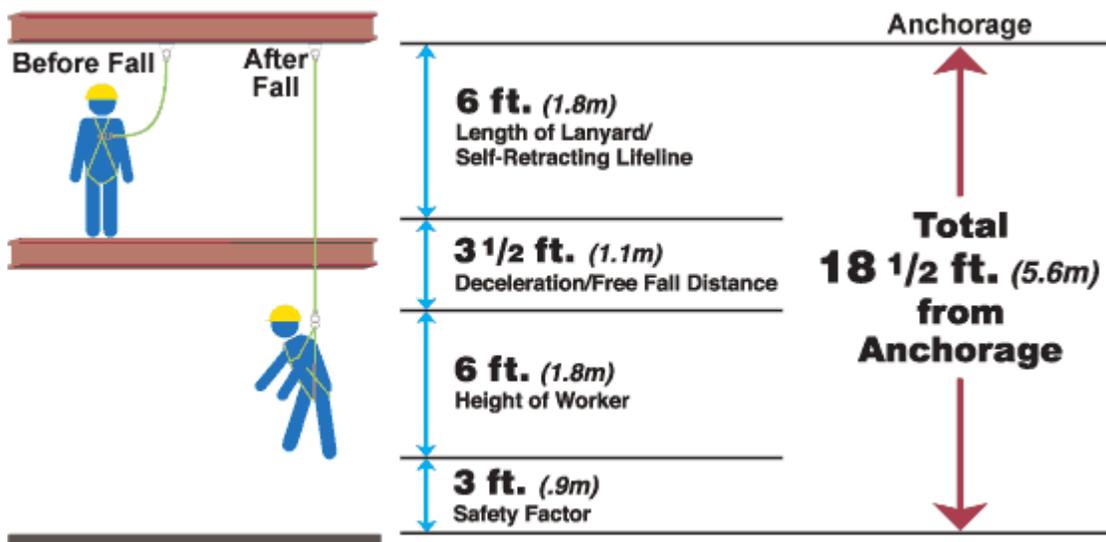
January 14, 2013

Personal Fall Arrest Systems

Determining an appropriate anchorage point:

- When using a 6ft shock absorbing lanyard and a full body harness, first add the length of the lanyard (6 ft) to the maximum elongation of the shock absorber during deceleration (3.5 ft) to the average height of a worker (6 ft).
- Then add a safety factor of 3 ft to allow for the possibility of an improperly fitting harness, a taller than average person, and/or a miscalculation of potential fall distance.
- The total equals 18.5 ft. This is the suggested safe fall clearance distance, the height at which you must attach to an anchorage to minimize the risk of contact with a lower level.

This is why it is important to tie off as high overhead as possible. If there is not enough room below the work surface to accommodate a potential fall, use other equipment such as a retractable lifeline.



Rescue Technique / Time

Research has shown that a person hanging unmoving in a safety harness can get into serious trouble within minutes. The current time limit to achieve a rescue is 10 minutes, preferably a lot sooner. Why? Because a safety harness comprises, in part, two straps which go between your legs and carry most of the body's weight when hanging in a harness, the pressure points in your groin, which are arteries close to the skin surface, may become constricted and slow down the flow of blood. In addition, lack of muscle movement reduces blood being pumped back. Pooling of blood in the legs reduces the flow of blood to and from your brain, which could cause a loss of consciousness.

If you should find yourself hanging in a harness, try to get yourself into a sitting position. Shift your backside so you are sitting on the leg straps, and keep moving your legs.
YOU WILL NOT SLIP OUT OF THE HARNESS DOING THIS.

By taking the pressure off your blood supply, and maintaining muscle movement, you will reduce risk of blacking out. You will then see that time is a critical factor in rescuing anyone who has had a fall and is hanging in their safety harness.



Make the RIGHT Choice

January 21, 2013

Preventing Accidents by Focusing on Near Misses

Even though there's no injury and no damage to your equipment or property, the so-called "near-miss" needs to be treated just as seriously. Why?

Many studies have shown that there is a statistical relationship between incidents and serious accidents. This idea was first published by Heinrich in 1931, and it was called the Accident Pyramid. The exact ratios in the pyramid will vary depending on how accidents are defined, the cause of the accident and the occupation or industry sector it is applied to. The important thing to remember is that there is ALWAYS some sort of pyramidal relationship between the "stupid stuff that happens", the "band aid injuries" and the really disastrous event.

Here's why a near-miss is such a great learning experience: except for the outcome, a near-miss resembles an accident in almost every other respect. It has the same direct cause, and very similar if not identical contributing factors and the same root cause. If you can figure out what went wrong and correct the problems, you can prevent a serious incident.



(Tye & Pearson, 1974, The Management of Safety, Second Edition, Council on Occupational Safety and Health and Safety Management System)

There is one big flaw and one big danger in applying this theory:

You can't assume that you'll have 400 near-misses before you have your initial first aid case and 50 first aids before your first fatality. In fact, the very first event could very well be the one that leads to the ambulance ride!

You should accept a near miss as a lucky warning, and investigate near-misses with the same dedication and interest that you look at accidents. Can you identify the direct cause, the indirect cause(s) and the contributing factor(s)? What conditions in the workplace or actions by individuals contributed? What fixes will you put in place that will prevent a similar event in the future? Work is part of life, and life tends to throw stuff at you. It's how you react that's important.



Make the RIGHT Choice

January 28, 2013

Angle Grinder Safety

Angle grinders are a dangerous power tool. Kickbacks can result in severe cuts and discs can shatter or disintegrate producing fragments which may become lodged in the operator's eyes or other parts of the body.

How can these risks be minimized?

- Provide operators with training and instruction in safe work procedures for angle grinders.
- Consider whether an angle grinder is the best tool to perform the task as another tool may be just as effective.
- Do not use a larger, heavier or more powerful angle grinder than is necessary as it is much easier to control a lighter tool.
- When using an angle grinder ensure that the correct grinding disc is used for the type of task being performed. Never use discs that have not been designed for the type of tasks you are doing.
- Guards must not be removed. The guard should cover half of the disc and be positioned between the disc and the operator.

Before using an angle grinder, check to ensure that:

- The guard and handles are secure.
- The correct flange and locking nut is in place for the type of disc being used, otherwise the disc can shatter at high speed.
- There are no defects or damage to the disc. A disc which has been dropped may have developed cracks and should not be used.

When using an angle grinder:

- Use two hands to operate an angle grinder. One hand should grip the handle while the other hand supports the weight of the tool.
- Hold the grinder against the work piece with minimum pressure, so the disc does not "dig in" and cause it to kickback.
- Keep the grinding disc at a 15 to 30 degree angle to the object. Ensure the work piece is held firmly, either as part of a larger item or in a bench vice.
- Where possible, keep the work at waist height during grinding.
- Adopt a comfortable stance with feet apart so you feel well balanced and ensure you have a clear view of the job.
- Stop at regular intervals for a short break to rest your hands and arms.
- Never put a grinder down until the disc stops rotating.
- Remove the plug from the power point before changing discs.
- Never use a cut-off wheel for grinding or a grinding disc for cutting.
- Disconnect the power and place the grinder on a bench with the disc facing upwards when not in use.

Use appropriate Personal Protective Equipment (PPE). The following PPE are recommended:

- ◇ Safety glasses or goggles with a face shield.
- ◇ Hearing protection is recommended.
- ◇ Close fitting clothing.
- ◇ Well-fitted leather gloves that allow a good grip of the tool

Other considerations

- Use welding screens to stop other workers being hit by flying particles and sparks.
- Ensure all workers maintain a safe distance from any person who is in the process of grinding.
- Ensure all angle grinders are regularly checked for electrical safety and that all defects are repaired by a licensed electrician.

Appendix G
Miscellaneous Submittals and Information



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

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Wind Fence Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 2 – Constructing Pipe Supports on the South side of block 8 and South side of Block 7. Backfilling Pipe Bridge 4. Installing rebar for electrical supports. Unit 1 –Constructing sleepers East of Block 2 and North of Block 4. Constructing substation 1D. Constructing pipe supports on the south side of Block .

Solar Field Underground Electrical (K014):

- ♦ Repairing and installing ground grid in Power Block 2 and Security Fence in Unit 1.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area and North HTF Containment Area. Unit 1 – Constructing the HTF Drain Pit walls, PDC 1A Pedestals. Common Area – Poured the firewater pump house foundation. Backfilling the Aquatech foundations.

230 Kv Line and Switchyard(K016):

- ♦ Installing switch steel and setting 230 Kv air switches.

Solar Field Header Piping (K021):

- ♦ Installing pipe in Unit 2 Blocks 1, 6 and 3.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 East, 23, 24 West. Fit and weld down comers on Train 2. Prefabricate down comers on Train 1. Welding crossovers on Train 2. Installing Gland Steam and Auxiliary Boiler Platform Steel. Aligning and setting elevations on Steam Turbine Generator and HTF Pumps.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 61	Winds- North at 11 mph



Pipe Rack 22 East



Pipe Rack 25 Cable Tray

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Continue installation of LOC's and panels in Field 2 Ring 2. Installing raceway and terminations in Field 2 Ring 5.

Power Block Above Ground Electrical(K030):

- ♦ Continue cable tray installation in ACC and Pipe Rack 25. Installing light fixtures in Power Block 2.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate and steam duct manifolds for Streets 3 and 4. Prepping foundations for Condensate Tank.

Buildings (K067):

- ♦ Continue punch list items in Admin and Water Treatment Building.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 2 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field Block 10. Erecting and aligning pylons in Solar Field 2 Block 8.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect piping and Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Block 3. Continue shop orbital welds of triple joints.

Personnel Onsite	Total
Genesis Management	30
Genesis Operations	12
Compliance Monitors	21
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	62
Newtron (K014)	21
Largo (K015)	66
EPC (K016)	5
BPC (K021)	40
PMI (K022)	126
Sukut (K026)	12
Newtron (K029)	13
Newtron (K030)	17
SPX (K057)	102
USA Tank (K068)	0
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	85
BPC(K102)	60
Sener	0
Total Personnel Onsite	715



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

January 3, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Wind Fence Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 2 – Installing rebar for electrical supports. Unit 1 – Constructing sleepers East of Block 3 and North of Block 4. Poured substation 1D. Constructing pipe supports on the south side of Block 1.

Solar Field Underground Electrical (K014):

- ♦ Grounding wind and security fence and Power Poles in Solar Field 1 and 2. Working punch list items and setting man hole in Power Block 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, North HTF Containment Area, and HTF the HTF Separator. Unit 1 – Constructing the HTF Drain Pit walls, PDC 1A Pedestals, Atmospheric Drain Tank, and the main STG North/South Pipe way foundation. Common Area – Excavating the PDC 0A Transformer pads, stripping forms from the Firewater Pump house foundation.

230 Kv Line and Switchyard(K016):

- ♦ Installing 230 Kv air switches and grounding switchyard area. Continue to receive equipment.

Solar Field Header Piping (K021):

- ♦ Installing and welding pipe in Unit 2 Blocks 1, 6 and 3. Laying out pipe in Unit 2 Block 5.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 East, 23, 24 West. Welding crossovers and down comers on Train 1 and 2. Installing Gland Steam and Auxiliary Boiler Platform Steel. Aligning and setting elevations on Steam Turbine Generator and HTF Pumps. Prepping to set HTF Pump Motors. Setting sections of PDC 2A.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 63	Winds- Northwest at 16 mph



Pouring Solar Field Substation 1D



Power Block 1- Forming HTF Drain Pit Walls

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Continue installation of LOC's and panels in Field 2 Ring 4. Installing raceway, instrumentation, flex connectors and terminations in Field 2 Ring's 2 and 4.

Power Block Above Ground Electrical(K030):

- ♦ Continue cable tray installation in ACC. Installing Electrical Building tray hanger supports and above ground grounding. Continue to receive equipment.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate, steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prepping foundations for Condensate Tank.

Buildings (K067):

- ♦ Continue punch list items in Admin and Water Treatment Building.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 2 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field Block 10. Erecting and aligning pylons in Solar Field 2 Block 8.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Blocks 3 and 4.

Personnel Onsite	Total
Genesis Management	30
Genesis Operations	12
Compliance Monitors	21
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	62
Newtron (K014)	10
Largo (K015)	68
EPC (K016)	6
BPC (K021)	40
PMI (K022)	126
Sukut (K026)	12
Newtron (K029)	18
Newtron (K030)	20
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	0
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	85
BPC(K102)	84
Sener	2
Total Personnel Onsite	744



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

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Wind Fence Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 2 – Installing rebar for electrical supports. Unit 1 – Constructing sleepers East of Block 3 and North of Block 4. Stripping forms on substation 1D and setting forms in Substation 1A. Constructing pipe supports on the south side of Block 1.

Solar Field Underground Electrical (K014):

- ♦ Grounding wind and security fence and Power Poles in Solar Field 1 and 2. Working punch list items.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, North HTF Containment Area, and the HTF Separator. Unit 1 – Constructing the HTF Drain Pit walls, Poured PDC 1A Pedestals, Atmospheric Drain Tank, and the main STG North/South Pipe way foundation. Common Area – Excavating the PDC 0A Transformer pads, stripping forms from the Firewater Pump house Foundation. Working on miscellaneous pipe supports.

230 Kv Line and Switchyard(K016):

- ♦ Building 230 Kv air switches and grounding switchyard area. Leveling switchyard area and receiving transmission line equipment.

Solar Field Header Piping (K021):

- ♦ Fabricating interconnect piping for installation.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 East, 23, 24 West. Prefabricating crossovers and welding down comers for Train 1 and 2. Installing Gland Steam and Auxiliary Boiler Platform Steel. Aligning and setting elevations on Steam Turbine Generator and HTF Pumps. Began setting HTF Pump Motors. Continued setting sections of PDC 2A.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 61	Winds- East at 5 mph



Power Block 2 Gland Steam Steel Install



Power Block 2 Auxiliary Boiler

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Continue installation of LOC's and 480v panels in Field 2 Ring 4. Installing raceway, instrumentation, flex connectors and terminations in Field 2 Ring's 2 and 4.

Power Block Above Ground Electrical(K030):

- ♦ Continue cable tray installation in areas 20 and 26. Installing Electrical Building tray hanger supports and above ground grounding.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Working the south handrail. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate, steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prepping foundations for Condensate Tank.

Buildings (K067):

- ♦ Continue punch list items in Admin and Water Treatment Building.

Bolted Tanks (K068):

- ♦ Clean up on Raw Water tank.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 2 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building. Installing road crossing electrical duct banks.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field Block 10. Erecting and aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Blocks 3 and 4.

Personnel Onsite	Total
Genesis Management	30
Genesis Operations	12
Compliance Monitors	21
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	62
Newtron (K014)	10
Largo (K015)	70
EPC (K016)	6
BPC (K021)	40
PMI (K022)	126
Sukut (K026)	12
Newtron (K029)	18
Newtron (K030)	20
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	5
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	85
BPC(K102)	84
Sener	2
Total Personnel Onsite	751



Genesis Solar Energy Project

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

January 7, 2013

Safety:

- ♦ Saturday Jan 5th, USA Tank employee fell sick and was taken off site to the hospital in Blythe. Tests were conducted but diagnosis is not complete. The individual was not engaged in a work activity at the time of the sickness nor was he exposed to a harmful environment. The individual has health issues not associated with work.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Wind Fence Unit 2 and Security Fence in Unit 1.

Solar Field Foundations (K013):

- ♦ Unit 2 – Installing rebar for electrical supports. Unit 1 – Constructing sleepers North of Block 4. Forming Substation 1B. Constructing pipe supports on the south side of Block 1. .

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items, solar field grounding for wind fence and completing test wells and cross ties.

Power Block Foundations (K015):

- ♦ Unit 2 – Unit 2 – Constructing foundations at the Demin Area, North HTF Containment Area, and the HTF Separator. Unit 1 – Constructing the HTF Drain Pit walls, Stripping PDC 1A Pedestals, and forming the main STG North/South Pipeway pedestals. Common Area – Excavating the PDC 0A Transformer pads. Working on miscellaneous pipe supports.

230 Kv Line and Switchyard(K016):

- ♦ Received repaired crossover steel piece, mounting steel and bolting, continue ground grid in switchyard, receiving switchyard components and 230kv power poles.

Solar Field Header Piping (K021):

- ♦ Welding and installing pipe in Unit 2 Blocks 1,6 and 3. Laying out pipe in Unit 2 Block 5.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 East, 23, 24 West and on the Boiler Feed Water Structure. Fitting and welding crossovers on Train 1 and 2. Installing Gland Steam and Auxiliary Boiler Platform Steel. Continued setting sections of PDC 2A.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 66	Winds-Northwest at 9 mph



Power Block 2 Pipe Rack 22 East



Solar Field 2 Block 10 SCE Install

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Ring 2 Field 2 mounting LOC's , flex conduit for raceways and mounting RTD's and terminal boxes. Ring 5 continue installing 1/2" and 3/4" flex raceway, continue mounting RTD'S terminating cables. Setting electrical equipment Substation 2A.

Fire Protection and Detection Systems (K032):

- ♦ Mobilizing and receiving equipment.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in the ACC area, grounding for equipment in pipe racks, working in Electrical building installing hangers and tray.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Working the east side handrail. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate, steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prepping foundations for Condensate Tank.

Buildings (K067):

- ♦ Continue punch items in Admin and Water Treatment Buildings.

Bolted Tanks (K068):

- ♦ No Activity.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 2 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building. Installing road crossing electrical duct banks.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field Block 10. Erecting and aligning pylons in Solar Field 2 Block 8 and 9. Leveling SCE's in Solar Field 2 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Blocks 3 and 4. Continued Pneumatic testing in Solar Field 2 Block 1.

Personnel Onsite	Total
Genesis Management	30
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	6
BPC (K021)	40
PMI (K022)	126
Sukut (K026)	26
Newtron (K029)	18
FE Moran	2
Newtron (K030)	21
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	1
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	89
BPC(K102)	99
Sener	7
Total Personnel Onsite	793



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

January 8, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Wind Fence Unit 2 and Security Fence in Unit 1.

Solar Field Foundations (K013):

- ♦ Unit 2 – Installing rebar for electrical supports. Unit 1 – Constructing sleepers North of Block 4. Poured Substation 1B and forming 1A. Constructing pipe supports on the south side of Block 1.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items, solar field grounding for wind fence and completing test wells and cross ties.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, North HTF Containment Area, and the HTF Separator. Poured the Hydrochloride skid, Potable Water Tank foundations. Unit 1 – Constructing the HTF Drain Pit walls, forming the main STG North/South Pipeway pedestals. Common Area – Installing rebar and forming the PDC 0A Transformer pads. Working on miscellaneous pipe supports and Raw Water skids.

230 Kv Line and Switchyard(K016):

- ♦ Mounting steel and bolting, continue ground grid in switchyard, receiving switchyard components and 230kv power poles. Drilled first caisson foundations in Unit 1 switchyard.

Solar Field Header Piping (K021):

- ♦ Welding and installing pipe in Unit 2 Blocks 1,6 and 3. Laying out pipe in Unit 2 Block 5.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 East, 23, 24 West and on the Boiler Feed Water Structure. Fitting and welding crossovers on Train 1 and 2. Installing Gland Steam and Auxiliary Boiler Platform Steel. Continued setting sections of PDC 2A. Prefabricating the Dearator platform.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 73	Winds-Northwest at 6 mph



Power Block 2 Boiler Feed Water Structure



Power Block 2 Pipe Rack 22 West

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Ring 2 Field 2 mounting LOC's , flex conduit for raceways and mounting RTD's and terminal boxes. Ring 5 continue installing 1/2" and 3/4" flex raceway, continue mounting RTD'S terminating cables.

Fire Protection and Detection Systems (K032):

- ♦ Mobilizing and receiving equipment.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in the ACC area, grounding for equipment in pipe racks.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing doors on Streets 1 and 2. Cleaning risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Working the east side handrail. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prepping foundations for Condensate Tank.

Buildings (K067):

- ♦ Continue punch items in Admin and Water Treatment Buildings.

Bolted Tanks (K068):

- ♦ No Activity.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 2 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building. Installing road crossing electrical duct banks.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field Block 10. Erecting and aligning pylons in Solar Field 2 Block 8 and 9. Leveling SCE's in Solar Field 2 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Block 4. Continued Pneumatic testing in Solar Field 2 Block 1.

Personnel Onsite	Total
Genesis Management	30
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	6
BPC (K021)	40
PMI (K022)	126
Sukut (K026)	26
Newtron (K029)	18
FE Moran	2
Newtron (K030)	21
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	5
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	89
BPC(K102)	99
Sener	7
Total Personnel Onsite	797



Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 2 – Installing rebar for electrical supports with the pour scheduled for tomorrow. Unit 1 – Constructing sleepers North of Block 4. Constructing pipe supports on the south side of Block 2 and drilling on the South side of Block 3.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and power poles.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, North HTF Containment Area, and pouring foundations under the ACC. Unit 1 – Constructing the HTF Drain Pit North walls, Backfilling PDC 1A Pedestals, working the SGS foundations and forming the evaporator pedestals. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the blast wall. Common Area – Working on the PDC 0A Transformer pads. Working on Raw Water cooling foundations and footings east of the common area pipe rack.

230 Kv Line and Switchyard(K016):

- ♦ Continued erecting Switchyard steel in Unit 2. Received 230 Kv air breaker switched and mounting drive units. Began mounting power pole equipment. Continued Power Pole delivery.

Solar Field Header Piping (K021):

- ♦ Welding and installing pipe in Unit 2 Blocks 1,6 and 3. Laying out pipe in Unit 2 Block 5. Installing interconnects in Unit 2 Block 2.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 East, 23, 24 West and on the Boiler Feed Water Structure. Fitting and welding crossovers on Train 1 and 2. Installing Gland Steam and Auxiliary Boiler Platform Steel. Continued setting sections of PDC 2A. Prefabricating the Dearator platform. Setting elevations on Antifreeze pumps and forming for grout.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 71	Winds-Northwest at 2 mph



Power Block 2 Switchyard



Power Block 2

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ LOC, panels and RTD installation continue in Field 2 Rings 2,5 and 9. Terminating fiber in Field 2 Rings 1 and 6. Prepping for terminations at substations 2D and 2A.

Fire Protection and Detection Systems (K032):

- ♦ Mobilizing and receiving equipment.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in the ACC area, Pipe Rack 22. Installing track and rack supports in the Electrical Building. Grounding of above ground equipment.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing doors on Streets 1 and 2. Cleaning risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Working the east side handrail. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Set Condensate Tank. Continued to receive material.

Buildings (K067):

- ♦ Continue punch items in Admin and Water Treatment Buildings.

Bolted Tanks (K068):

- ♦ Modifying nozzles on Raw Water Tank and prepping for Hydro test.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 2 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building. Installing road crossing electrical duct banks.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field Block 10. Erecting and aligning pylons in Solar Field 2 Block 8 and 9. Leveling SCE's in Solar Field 2 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	6
BPC (K021)	40
PMI (K022)	126
Sukut (K026)	26
Newtron (K029)	18
FE Moran	2
Newtron (K030)	21
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	5
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	89
BPC(K102)	99
Total Personnel Onsite	797



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

January 10, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 2 – Poured electrical supports west of Power Block 2. Unit 1 – Constructing sleepers North of Block 4. Drilling Substation 1A. Constructing pipe supports on the south side of Block 2 and drilling on in Block 4.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and power poles.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, prepping North HTF Containment Area, and pouring foundations under the ACC and the auxiliary boiler pipe support foundations. Unit 1 – Constructing the HTF Drain Pit North walls, Backfilling PDC 1A Pedestals, pouring some of the SGS foundations and the evaporator pedestals. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the blast wall. Common Area – installing rebar for the PDC 0A Transformer pads. Working on Raw Water cooling foundations and footings east of the water treatment building.

230 Kv Line and Switchyard(K016):

- ♦ Continued erecting Switchyard steel in Unit 2. Received 230 Kv air breaker switched and mounting drive units. Continued mounting power pole equipment.

Solar Field Header Piping (K021):

- ♦ Welding and installing pipe in Unit 2 Blocks 1,6,3 and 5. Installing interconnects in Unit 2 Block 2.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 West, 23, 24 West. Fitting and welding crossovers on Train 2. Fitting and welding down comers on Train 1. Installing Gland Steam Steel. Continued setting sections of PDC 2A. Pouring grout for pipe rack steel and torquing Generators.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 63	Winds-Northwest at 20 mph



Power Block 1 ACC



Power Block 1-Pouring SGS Foundations

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ LOC, panels and RTD installation continue in Field 2 Rings 2,5 and 9. Terminating fiber in Field 2 Rings 1 and 6. Prepping for terminations at substations 2D and 2A.

Fire Protection and Detection Systems (K032):

- ♦ Installing pipe on Pipe Rack 22 west.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in the ACC area, Pipe Rack 22. Installing track and rack supports in the Electrical Building. Grounding of above ground equipment.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing doors on Streets 1 and 2. Cleaning risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Working the east side handrail. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Continued to receive material.

Buildings (K067):

- ♦ Continue punch items in Admin and Water Treatment Buildings.

Bolted Tanks (K068):

- ♦ Adjusting Overflow pipe elevations on Treated Water Tank.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 1 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building. Installing road crossing electrical duct banks.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 10. Erecting and aligning pylons in Solar Field 2 Block 8 and 9. Leveling SCE's in Solar Field 2 Block 5. Staging out pylons in Unit 1.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	6
BPC (K021)	40
PMI (K022)	126
Sukut (K026)	26
Newtron (K029)	18
FE Moran	3
Newtron (K030)	21
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	5
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	798



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

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ No Activity.

Solar Field Foundations (K013):

- ♦ No Activity.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and power poles.

Power Block Foundations (K015):

- ♦ No Activity.

230 Kv Line and Switchyard(K016):

- ♦ Continued erecting Switchyard steel and setting air switched in Unit 2. Completed first 2 foundations in Unit 1.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 2.

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 West, 23, 24 West. Fitting and welding crossovers on Train 2. Fitting and welding down comers on Train 1. Installing Gland Steam Steel. Continued setting sections of PDC 2A. Pouring grout for pipe rack steel and torquing Generators.

Site Safety Topic Of The Week:
"Back Safety"

Weather		
Clear	Temp- High 53	Winds-South at 3 mph



Power Block 2



North Evaporation Pond

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ LOC, panels and RTD installation continue in Field 2 Rings 2,5 and 9. Terminating fiber in Field 2 Rings 1 and 6. Prepping for terminations at substations 2D and 2A.

Fire Protection and Detection Systems (K032):

- ♦ No Activity.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in the ACC area, Pipe Rack 22. Grounding of above ground equipment continues.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing doors on Streets 1 and 2. Cleaning risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Working the east side handrail. Prepping for pneumatic test of Unit. Unit 1- Installing steel on Streets 3 and 4. Prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Continued to receive material.

Buildings (K067):

- ♦ Continue punch items in Admin and Water Treatment Buildings.

Bolted Tanks (K068):

- ♦ Adjusting Overflow pipe elevations on Waste and Treated Water Tank.

Demin Tanks (K071):

- ♦ Installing ladders and platforms on Unit 1 Tank.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid and setting electrical gear in Water Treat Building. Continue with duct back installation.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 10. Erecting and aligning pylons in Solar Field 2 Block 8 and 9. Leveling SCE's in Solar Field 2 Block 5. Staging out pylons in Unit 1.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	0
Sukut (K010)	10
Largo (K013)	0
Newtron (K014)	10
Largo (K015)	0
EPC (K016)	6
BPC (K021)	20
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	18
FE Moran	0
Newtron (K030)	21
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	7
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	637



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

Safety:

- ♦ 1st aid reported by BPC when a Pipe Fitter employee rolled his ankle while preparing his work area at the beginning of the shift causing pain.
- ♦ PMI had a first aid occur late this afternoon. An employee was grinding and cut his finger.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 2 – Constructing electrical supports East of Block 4. Unit 1 – Constructing sleepers North of Block 4. Constructing pipe supports on the south side of Block 2 and drilling in Block 4.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and power poles. Installing ground test wells in Power Block 1.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, prepping North HTF Containment Area for Thursday pour, and forming foundation pedestals under the ACC and the auxiliary boiler pipe support foundation. Unit 1 – Constructing the HTF Drain Pit North walls, Excavating for PDC 1A duct banks, Forming some of the SGS foundation walls and stripping the evaporator pedestals. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the blast wall. Common Area – installing rebar for the PDC 0A Transformer pads. Working on Raw Water cooling foundations and footings east of the water treatment building.

230 Kv Line and Switchyard(K016):

- ♦ Continued erecting Switchyard steel and setting air switched in Unit 2. Installing above grade ground and conduit. Continue with power pole delivery and prep work on access road behind Wiley’s Well to support pole deliveries.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1. Welding and installing pipe in Unit 2 Blocks 1,6, 3 and 5.

Site Safety Topic Of The Week:
“Personal Fall Arrest Systems

Weather		
Clear	Temp- High 48	Winds-North at 20 mph



Power Block 2- Pipe Rack 22 West



Power Block 2

Power Block Piping and Mechanical(K022):

- ♦ Fit and weld pipe on Racks 22 West, 23, 24 West and on the Boiler Feedwater Structure. Fitting and welding down comers on Train 1 and 2. Installing Gland Steam Steel. Continue to work with TEI on spring can adjustments. Installing Dearator platforms. Forming and pouring grout.

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Terminating fiber in Field 2 Ring 7. Installing LOC's, panels and raceway in Field 2 Ring 5. Installing RTD's in Field 2 Ring 10.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in the ACC area and Pipe Rack 23. Grounding of above ground equipment continues. Installing tray supports in PDC 2B and 2C.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing doors on Streets 1 and 2. Cleaning risers on Streets 1 and 2. Installing Air Take Off and Air Seals. Prepping for pneumatic test of Unit. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Continued to receive material. Installed North East stair tower.

Bolted Tanks (K068):

- ♦ Repairing leaks on Raw Water Tank and filling Waste Water Tank for Hydro Test.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid at bolted tanks and 15 Kv direct burial cable in Field 1.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 10. Erecting and aligning pylons in Solar Field 2 Block 8 and 9. Leveling SCE's in Solar Field 2 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	12
BPC (K021)	66
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	18
FE Moran	4
Newtron (K030)	25
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	7
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	846



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

Safety:

- ♦ F.E. Moran Employee mounting pipe for fire water in Power Block 2 pinched the end of his thumb requiring doctor's care. An investigation is being conducted.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2 and working on punch list items.

Solar Field Foundations (K013):

- ♦ Unit 2 – Constructing electrical supports East of Block 4 which will finish up this week. Unit 1 – Constructing sleepers North of Block 4. Constructing pipe supports on the south side of Block 2 and the North side of Block 3, drilling Substation 1C.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and power poles.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, prepping North HTF Containment Area for Thursday pour, and poured foundation pedestals under the ACC and the auxiliary boiler pipe support foundation. Unit 1 – Constructing the HTF Drain Pit North walls. Excavating for PDC 1A duct banks, Forming some of the SGS foundation walls. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the blast wall. Excavating for the STG East/West Pipe rack North of the STG. Common Area – Installing rebar for the PDC 0A Transformer pads. Working on Raw Water cooling foundations and footings east of the water treatment building.

230 Kv Line and Switchyard(K016):

- ♦ Continued erecting Switchyard steel and setting air switched in Unit 2. Installing above grade ground and conduit. Continue with power pole delivery and prep work on access road behind Wiley's Well to support pole deliveries.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1. Welding and installing pipe in Unit 2 Blocks 1,6, 3 and 5.

Site Safety Topic Of The Week:
"Personal Fall Arrest Systems"

Weather		
Clear	Temp- High 54	Winds-North at 11 mph



Solar Field 2 Bridge 4



Power Block 1

Power Block Piping and Mechanical(K022):

- ♦ Erecting circuit breaker steel. Installing pipe on Racks 22 West, 23, 24 West and on the Boiler Feedwater Structure. Fitting and welding down comers and risers on Train 1 and 2. Installing Gland Steam Steel. Installing Dearator platforms. Forming and pouring grout. Detailing Solar Field 2 Bridge 4. Aligning High Pressure Turbine.

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Terminating fiber in Field 2 Ring 7 and 2. Installing LOC's, instrumentation, panels and raceway in Field 2 Ring 5. Installing RTD's in Field 2 Ring 10.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in in Area 20. Setting equipment and grounding in Area 19. Installing tray supports for PDC 2B and 2D.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing doors on Streets 1 and 2. Installing Air Take Off and Air Seals. Prepping for pneumatic test of Unit. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Continue work on North East stair tower.

Bolted Tanks (K068):

- ♦ Finished floor repairs on Raw Water Tank and filling Waste Water Tank for Hydro Test.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid at bolted tanks and foundations installing electrical duct bank and 15 Kv direct burial cable in Field 1.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 10. Erecting and aligning pylons in Solar Field 2 Block 8 and 9. Leveling SCE's in Solar Field 2 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Block 2. Field welding triple joints in Unit 2 Blocks 1 and 6. Installing triple joints in Unit 2 Block 2.

Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	12
BPC (K021)	66
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	18
FE Moran	4
Newtron (K030)	25
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	7
Caldwell Tank (K071)	5
Newtron (K073)	5
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	846



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

January 16, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2 and working on punch list items.

Solar Field Foundations (K013):

- ♦ Unit 2 – Poured electrical supports East of Block 4. Unit 1 – Constructing sleepers North of Block 4. Finished pipe supports on the south side of Block 2 and the North side of Block 3, drilled Substation 1C.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and power poles.

Power Block Foundations (K015):

- ♦ Unit 2 – Constructing foundations at the Demin Area, prepping North HTF Containment Area for a pour tomorrow. Unit 1 – Poured the last exterior wall sections for the HTF Drain Pit, Excavating and installing conduit for PDC 1A duct banks, Forming some of the SGS foundation walls. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the North side blast wall. Excavating for the STG East/West Pipe rack just North of the STG. Common Area – Working on Raw Water cooling foundations and footings east of the water treatment building.

230 Kv Line and Switchyard(K016):

- ♦ Continued erecting Switchyard steel and setting air switched in Unit 2. Installing above grade ground and conduit. Continue with power pole delivery and prep work on access road behind Wiley's Well to support pole deliveries.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1. Welding and installing pipe in Unit 2 Blocks 1,6, 3 and 5.

Site Safety Topic Of The Week:
"Personal Fall Arrest Systems"

Weather		
Clear	Temp- High 63	Winds-Northwest at 7 mph



Solar Field 2 Block 9 SCE Install



Power Block 2

Power Block Piping and Mechanical(K022):

- ♦ Erecting circuit breaker steel. Installing pipe on Racks 22 West, 23, 24 West and on the Boiler Feedwater Structure. Installing Gland Steam Steel. Installing Dearator platform. Forming and pouring grout. Setting PDC 2A Section 2 and vacuum pumps. Installing down comers on Train 1 and risers on Train 2.

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Terminating fiber in Field 2 Ring 7 and 2. Installing LOC's, instrumentation, panels and raceway in Field 2 Ring 5. Installing RTD's in Field 2 Ring 10.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Power Block Above Ground Electrical(K030):

- ♦ Continue installation cable tray, conduit supports and hangers in Power Block 2 in in Area 20. Setting equipment and grounding in Area 19. Installing tray supports for PDC 2B and 2D.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing Air Take Off and Air Seals. Prepping for pneumatic test of Unit. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4.

Bolted Tanks (K068):

- ♦ Completed fill of Waste Water Tank and began filling Raw Water Tank for hydro test.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue installing ground grid at bolted tanks and foundations installing electrical duct bank and 15 Kv direct burial cable in Field 1.

Pylon, SCE Assembly and Installation(K100):

- ♦ Completed installing SCE's in Solar Field 2 Block 10 and moved to Block 9. Aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Blocks 2 and 3. Field welding triple joints in Unit 2 Blocks 6 and 3. Installing triple joints in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	12
BPC (K021)	66
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	18
FE Moran	4
Newtron (K030)	25
SPX (K057)	102
Whiting Turner	3
USA Tank (K068)	7
Newtron (K073)	5
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	841



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

January 17, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2 and working on punch list items.

Solar Field Foundations (K013):

- ♦ Unit 2 – Stripping the electrical supports East of Block 4. Unit 1 – Constructing sleepers North of Block 4. Finished pipe supports on the North side of Block 3, excavated Bridge 1 foundation.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and supporting ground grid install in the Power Blocks.

Power Block Foundations (K015):

- ♦ Unit 2 – Poured the North West HTF Containment Area. Unit 1 – Backfilling a portion of the HTF Drain Pit. Excavating and installing conduit for PDC 1A duct banks. Forming Steam Generation System foundation walls. Working on prepping for the Steam Turbine Generator 2nd pour and installing the mechanical anchors on the North side blast wall. Common Area – Working on Raw Water cooling foundations and footings east of the Water Treatment Building.

230 Kv Line and Switchyard(K016):

- ♦ Continued installing and adjusting 230 Kv air switches and conduit. Continue power pole delivery in the BLM Right of Way North of Interstate 10.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1. Welding and installing pipe in Unit 2 Blocks 3 and 5.

Site Safety Topic Of The Week:
"Personal Fall Arrest Systems"

Weather		
Clear	Temp- High 68	Winds-Northwest at 6 mph



Power Block 2-Pouring Containment Slab



Unit 2 Switchyard and Solar Field

Power Block Piping and Mechanical(K022):

- ♦ Erecting circuit breaker steel. Installing pipe on Racks 22 West, 23, 24 West and on the Boiler Feedwater Structure. Installing Gland Steam Steel and Dearator platform. Forming and pouring grout. Setting final section of PDC 2A. Installing down comers on Train 1 and risers on Train 2. Aligning HTF pumps and setting Train 2 Silencer.

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Fiber optic fusion splicing in Rings 1, 6 and 7. Standard LOC and drive pylon terminations in Rings 2 and 5. Mounting panels, installing raceway and instruments in in Rings 5 and 10. Setting RTD's in Ring 9. Completing rough in back fill for Substation 2C and terminations in 2B and 2D. Began equipment install in 2A.

Power Block Above Ground Electrical(K030):

- ♦ Continue cable tray install in Unit 2 Electrical Building. Installing tray, conduit, hangers and supports in area's 25, ACC and under PDC 2D.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing wash water supply lines. Prepping for pneumatic test of Unit. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4.

Bolted Tanks (K068):

- ♦ Filling Raw Water Tank for hydro test.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct. Installing tray and hangers in the Water Treatment Building.

Pylon, SCE Assembly and Installation(K100):

- ♦ installing SCE's in Solar Field 2 Block 9. Aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Blocks 2 and 3. Field welding triple joints in Unit 2 Blocks 6 and 3. Installing triple joints in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	12
Sukut (K010)	10
Largo (K013)	58
Newtron (K014)	10
Largo (K015)	79
EPC (K016)	12
BPC (K021)	66
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	18
FE Moran (K032)	4
Newtron (K030)	25
SPX (K057)	102
Whiting Turner (K067)	3
USA Tank (K068)	7
Newtron (K073)	5
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	841



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

January 18, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ No Activity.

Solar Field Foundations (K013):

- ♦ No Activity.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and supporting ground grid install in the Power Blocks.

Power Block Foundations (K015):

- ♦ Unit 2 – Stripped forms and wet cured the North West HTF Containment Area. Stripped forms and backfilled Miscellaneous ACC footings and the Cooling Water structure in the Demin Area. Unit 1 – Prepping for the STG 2nd pour. Common Area – No Activity.

230 Kv Line and Switchyard(K016):

- ♦ Continued installing and adjusting 230 Kv air switches and conduit. Continue power pole delivery in the BLM Right of Way North of Interstate 10.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1. Welding and installing pipe in Unit 2 Blocks 3 and 5.

Power Block Piping and Mechanical(K022):

- ♦ Detailing PDC 2A, Gland Steam and Circuit Breaker steel. Installing pipe on Pipe Racks 22 West, 23, 24, 25 and the Boiler Feed Water structure. Aligning HTF pumps and grouting pipe rack foundations.

Site Safety Topic Of The Week:
"Personal Fall Arrest Systems"

Weather		
Clear	Temp- High 70	Winds-Northwest at 8 mph



Power Block 2 Pipe Rack 25 and 23



Power Block 2 Pipe Rack 23

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Fiber optic fusion splicing in Rings 1, 6 and 7. Standard LOC and drive pylon terminations in Rings 2 and 5. Mounting panels, installing raceway and instruments in in Rings 5 and 10. Setting RTD's in Ring 9. Installing equipment in Substation 2A.

Power Block Above Ground Electrical(K030):

- ♦ Continue cable tray install in Unit 2 Electrical Building. Installing tray, conduit, hangers and supports in area's 23, 25, 26 and under PDC 2D.

Fire Protection and Detection Systems (K032):

- ♦ No Activity.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing wash water supply lines. Prepping for pneumatic test of Unit. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4.

Bolted Tanks (K068):

- ♦ Filling Raw Water Tank for hydro test.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Blocks 2 and 3. Field welding triple joints in Unit 2 Blocks 6 and 3. Installing triple joints in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	0
Sukut (K010)	15
Largo (K013)	0
Newtron (K014)	10
Largo (K015)	30
EPC (K016)	12
BPC (K021)	66
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	18
FE Moran (K032)	0
Newtron (K030)	25
SPX (K057)	102
Whiting Turner (K067)	3
USA Tank (K068)	3
Newtron (K073)	5
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	719



Genesis Solar Energy Project

Safety:

- ♦ SPX reported 1st when a grinder kicked back on an employee grinding ductwork. The employee had a grip on the grinder handle and was wearing heavy leather work gloves. The grinder cut through the glove and slightly into the back of his thumb.
- ♦ Largo reported 1st aid from an employee that was punctured by a nail protruding from a concrete foundation form. The employee had a recent tetanus shot and no treatment was necessary.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 2 – Complete. Unit 1 – Constructing sleepers North of Block 6 and grouting tube steel North side of Block 4. Finished pipe supports on the North side of Block 3 and drilling on the north side of Block 8. Forming Substation 1A and Drilling 1C .

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and supporting ground grid install in the Power Blocks.

Power Block Foundations (K015):

- ♦ Unit 2 – Working on Demin supports and small misc. foundations. Preparing for rebar delivery tomorrow. Unit 1 – Stripping forms and backfilling a portion of the North HTF Drain Pit, Excavating and installing conduit for PDC 1A duct banks, Forming some of the SGS foundation walls in Train 1. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the North side blast wall. Installing pipe rack 22 West rebar and poured the atmospheric drain tank and one footing North of the STG. Common Area – Working on Raw Water cooling foundations and footings east of the water treatment building.

230 Kv Line and Switchyard(K016):

- ♦ Adjusting 230 Kv air switches. Grounding equipment and installing above grade conduit. Began drilling power poles near Power Block 1.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1. Welding and installing pipe in Unit 2 Blocks 3 and 5. Began staging out pipe in Unit 2 Block 8.

Site Safety Topic Of The Week:
“Preventing Accidents by Focusing on Near Misses”

Weather		
Clear	Temp- High 75	Winds-North at 8 mph



Power Block 1 ACC-Assembling Fan Bell Housing



Power Block 2 Pipe Rack 25- Cable Tray

Power Block Piping and Mechanical(K022):

- ♦ Detailing PDC 2A, Gland Steam and Circuit Breaker steel. Installing pipe on Pipe Racks 22 West, 23, 24, 25 and the Boiler Feed Water structure. Aligning HTF pumps and grouting pipe rack foundations.

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Continue Solar Field LOC, panel, raceway and instrument installation in Field 2 Rings 2, 5 and 10.

Power Block Above Ground Electrical(K030):

- ♦ Installing tray, conduit, hangers and supports in Power Block 2.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Welding out Drain Pot to Steam Turbine Generator. Installing wash water supply lines. Prepping for pneumatic test of Unit. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4.

Bolted Tanks (K068):

- ♦ Filling Raw Water Tank for hydro test.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Blocks 2 and 3. Field welding triple joints in Unit 2 Blocks 6 and 3. Installing triple joints in Unit 2 Block 2. Continued pneumatic testing in Solar Field 2 Block 1.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	10
Sukut (K010)	15
Largo (K013)	48
Newtron (K014)	2
Largo (K015)	75
EPC (K016)	15
BPC (K021)	66
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	12
FE Moran (K032)	4
Newtron (K030)	35
SPX (K057)	102
Whiting Turner (K067)	3
USA Tank (K068)	3
Newtron (K073)	8
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	828



Genesis Solar Energy Project

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

January 22, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Security Fence in Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 1 – Constructing sleepers North of Block 6 and grouting tube steel North side of Block 4. Drilling Pipe Supports on the north side of Block 8. Pouring Substation 1A and forming 1C.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and supporting ground grid install in the Power Blocks.

Power Block Foundations (K015):

- ♦ Unit 2 – Working on Demin supports and small misc. foundations. Unit 1 –Excavating and installing conduit for PDC 1A duct banks, Forming some of the SGS foundation walls in Train 1. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the North side blast wall. Installing pipe rack 22 West rebar . Common Area – Working on Raw Water cooling foundations and footings east of the water treatment building.

230 Kv Line and Switchyard(K016):

- ♦ Adjusting 230 Kv switches. Grounding equipment and installing above grade conduit. Drilling and erecting power poles near Power Block 1.

Solar Field Header Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1. Welding and installing pipe in Unit 2 Blocks 3, 5, and 8. Installing electrical supports on the between Blocks 2 and 7.

Site Safety Topic Of The Week:
“Preventing Accidents by Focusing on Near Misses”

Weather		
Clear	Temp- High 76	Winds-North at 3 mph



Solar Field 2 Block 2 and 3- Interconnect and Header Piping



Setting Transmission Line Pole

Power Block Piping and Mechanical(K022):

- ♦ Detailing Circuit Breaker and Iso Phase steel. Installing pipe on Pipe Racks 22 West, 23, 24, 25 and the Boiler Feed Water structure. Installing Crossovers on Train 1. Trimming Auxliery Platform Steel.

Evaporation Ponds (K026):

- ♦ Placing concrete and installing bird netting.

Solar Field Above Ground Electrical (K029):

- ♦ Setting RTD's in Ring 9. Terminating Fiber in Rings 2 and 7. Installing panels, raceway, instruments in Rings 5 and 10. Bus change out 5 Kv isolation breakers at Substation 2D

Power Block Above Ground Electrical(K030):

- ♦ Installing tray, conduit, hangers and supports in Power Block 2. Grounding equipment and installing cable tray in Electrical Building.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Installing Wind Wall on South Side. Repairing leaks from Pneumatic test. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prebuilding Turbine Exhaust Duct and A-Frames.

Bolted Tanks (K068):

- ♦ Completed fill of Raw Water Tank and working on punch list items.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Blocks 2 and 3. Field welding triple joints in Unit 2 Blocks 3. Installing triple joints in Unit 2 Block 2. Continued pneumatic testing in Solar Field 2 Block 1.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	10
Sukut (K010)	15
Largo (K013)	48
Newtron (K014)	2
Largo (K015)	75
EPC (K016)	15
BPC (K021)	66
PMI (K022)	126
Sukut (K026)	35
Newtron (K029)	12
FE Moran (K032)	4
Newtron (K030)	35
SPX (K057)	102
Whiting Turner (K067)	3
USA Tank (K068)	3
Newtron (K073)	8
BPC (K100)	89
BPC (K102)	99
Total Personnel Onsite	828



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

Safety:

- ♦ Largo reported a subcontract employee received a skin puncture in the forearm from reaching past a protruding rebar tie wire and being poked with the wire. This is reported as 1st aid.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Installing Wind and Security Fence in Unit 2.

Solar Field Foundations (K013):

- ♦ Unit 1 – Constructing sleepers North of Block 6 and grouting tube steel North side of Block 4. Constructing pipe supports on the North side of Block 4 and drilling on the north side of Block 8. Stripping forms on Substation 1A and constructing 1C. Excavating Bridge 3.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and supporting ground grid install in the Power Blocks.

Power Block Foundations (K015):

- ♦ Unit 2 – Drilled demin supports. Installed rebar in the Carbon filter foundation and HTF Separator. Working on the Electrical Waterfall Foundation with rebar to be installed tomorrow. Started excavating the thickened areas in the HTF overflow containment slab area. Unit 1 – Backfilling a portion of the North HTF Drain Pit, Excavating and installing conduit for PDC 1A duct banks, Constructing the SGS foundation walls in Train 1. Working on prepping for the STG 2nd pour and installing the mechanical anchors on the North side blast wall. Working on Pipe Rack 22 West pedestals and Pipe Rack 22 East Footings. Common Area – Working on Raw Water cooling foundations. Excavated the duct bank going to the well. Poured the PDC 0A Transformer pads.

230 Kv Line and Switchyard(K016):

- ♦ Adjusting 230 Kv switches and installing above grade conduit. Drilling and erecting power poles.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 1 and 6. Welding and installing pipe in Unit 2 Blocks 3, 5, and 8. Common Area- Installation of PDC 0A support steel commenced along with equipment layout and foundation preparation.

Site Safety Topic Of The Week:
“Preventing Accidents by Focusing on Near Misses”

Weather		
Partly Cloudy	Temp- High 73	Winds-Southwest at 5 mph



North Evaporation Pond



Power Block 2 HTF Expansion Tank

Power Block Piping and Mechanical(K022):

- ♦ Detailing Circuit Breaker and Iso Phase steel. Installing pipe on Pipe Racks 22 West, 23, 24, 25 , Boiler Feed Water structure and Lube Oil. Installing Crossovers on Train 1. Aligning condensate pumps and grouting pedestals.

Evaporation Ponds (K026):

- ♦ Bird netting installation was completed at the North pond and concrete was completed at the South pond.

Solar Field Above Ground Electrical (K029):

- ♦ Setting RTD's in Ring 9. Terminating Fiber in Rings 2 and 7. Installing panels, raceway, instruments in Rings 5 and 10.

Power Block Above Ground Electrical(K030):

- ♦ Installing tray, conduit, hangers, supports and grounding equipment in Power Block 2.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Installing Wind Wall on South Side. Prepping for 2nd Pneumatic test. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prebuilding Turbine Exhaust Duct and A-Frames.

Bolted Tanks (K068):

- ♦ Working on punch list items and demobilizing.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Blocks 2 and 3. Field welding triple joints in Unit 2 Blocks 3. Installing triple joints in Unit 2 Block 2. Continued pneumatic testing in Solar Field 2 Block 1.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	10
Sukut (K010)	15
Largo (K013)	48
Newtron (K014)	2
Largo (K015)	75
EPC (K016)	15
BPC (K021)	71
PMI (K022)	126
Sukut (K026)	27
Newtron (K029)	12
FE Moran (K032)	4
Newtron (K030)	35
SPX (K057)	102
Whiting Turner (K067)	4
USA Tank (K068)	3
Newtron (K073)	8
BPC (K100)	89
BPC (K102)	102
Total Personnel Onsite	829



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

January 24, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Working on punch list items.

Solar Field Foundations (K013):

- ♦ Unit 2 – Complete. Unit 1 – Constructing sleepers North of Block 6 and grouting tube steel North side of Block 8. Constructing pipe supports on the North side of Block 4 and drilling on the north side of Block 8. Stripping forms on Substation 1A and constructing 1C. Excavating Bridge 4.

Solar Field Underground Electrical (K014):

- ♦ Continue with punch list items. Grounding wind fence and supporting ground grid install in the Power Blocks.

Power Block Foundations (K015):

- ♦ Unit 2 – Installed rebar cages for demin supports. Poured footings for the Carbon filter foundation. Working on the Electrical Waterfall Foundation with all the mat rebar being installed today. Excavating the thickened areas in the HTF overflow containment slab area. Unit 1 – Backfilling a portion of the North HTF Drain Pit, Installing conduit for PDC 1A duct banks, Constructing the SGS foundation walls in Train 2. Working on prepping for the STG 2nd pour. Working on Pipe Rack 22 West and East. Common Area – Working on Raw Water cooling foundations. Installing the duct bank going to the well. Poured the PDC 0A Transformer pads.

230 Kv Line and Switchyard(K016):

- ♦ Adjusting 230 Kv switches and installing above grade conduit. Drilling and erecting power poles.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 6. Welding and installing pipe in Unit 2 Blocks 3, 5, and 8. Common Area-Installation of pipe rack steel along with equipment layout and foundation preparation.

Site Safety Topic Of The Week:
“Preventing Accidents by Focusing on Near Misses”

Weather		
Mostly Cloud	Temp- High 72	Winds-North at 7 mph



Solar Field 2 Header Pipe



Power Block 2

Power Block Piping and Mechanical(K022):

- ♦ Detailing Circuit Breaker and the Dearator Platform steel. Installing pipe on Pipe Racks 22 West, 23, 24, 25 , Boiler Feed Water structure and Lube Oil. Installing Crossovers on Train 1. Aligning condensate pumps and grouting pedestals.

Evaporation Ponds (K026):

- ♦ Punch-list of the concrete and liners at the South Pond.

Solar Field Above Ground Electrical (K029):

- ♦ Setting RTD's in Ring 9. Terminating Fiber in Rings 2 and 7. Installing panels, raceway, instruments in Rings 5 and 10.

Power Block Above Ground Electrical(K030):

- ♦ Installing tray, conduit, hangers, supports and grounding equipment in Power Block 2.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Installing Wind Wall on South Side. Completed leak test. Working wash water lines and punch list. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prebuilding Turbine Exhaust Duct and A-Frames.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Aligning pylons in Solar Field 2 Block 8. Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Welding and installing interconnect pipe in Unit 2 Blocks 2 and 3. Field welding triple joints in Unit 2 Blocks 3. Installing triple joints in Unit 2 Block 2 and moving into Block 4. Continued pneumatic testing in Solar Field 2 Block 1.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	10
Sukut (K010)	17
Largo (K013)	48
Newtron (K014)	2
Largo (K015)	75
EPC (K016)	15
BPC (K021)	71
PMI (K022)	126
Sukut (K026)	27
Newtron (K029)	12
FE Moran (K032)	4
Newtron (K030)	35
SPX (K057)	102
Whiting Turner (K067)	4
USA Tank (K068)	0
Newtron (K073)	8
BPC (K100)	89
BPC (K102)	102
Total Personnel Onsite	828



Genesis Solar Energy Project

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

January 25, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ No Activity.

Solar Field Foundations (K013):

- ♦ No Activity.

Solar Field Underground Electrical (K014):

- ♦ Continue grounding security fence. Installing ground grid at Power Block 1 and repairing ground at Power Block 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Installed rebar cages and forms for demin supports. Forming pedestals for the Carbon filter foundation. Working on the Electrical Waterfall Foundation. Unit 1 – Working on prepping for the STG 2nd pour. Common Area – Backfilling the Raw Water cooling foundations. Stripping forms for the PDC 0A Transformer pads.

230 Kv Line and Switchyard(K016):

- ♦ Framing 230 Kv Power Poles. Installing solid buss and flexible jumpers at Unit 2 Switchyard.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects in Unit 2 Block 6. Welding and installing pipe in Unit 2 Blocks 3.

Power Block Piping and Mechanical(K022):

- ♦ Detailing Gland Steam Steel, PDC 2A and the Dearator Platform. Installing pipe on Pipe Racks 22 West, 23, 24, 25 , Boiler Feed Water structure and Lube Oil. Installing Crossovers on Train 1. Set Cooling Towers.

Site Safety Topic Of The Week:
“Preventing Accidents by Focusing on Near Misses”

Weather		
Light Rain	Temp- High 71	Winds-North at 6 mph



Water Treatment Building



Common Area Pipe Rack

Evaporation Ponds (K026):

- ♦ Punch-list of the concrete and liners at the South Pond.

Solar Field Above Ground Electrical (K029):

- ♦ Setting up and terminating at Substations 2D and 2B. Continue power and instrumentation installation on drive pylons.

Power Block Above Ground Electrical(K030):

- ♦ Installing tray, conduit, hangers, supports and grounding equipment in Power Block 2. Interconnects and wiring for PDC 2A.

Fire Protection and Detection Systems (K032):

- ♦ No activity.

Air Cooled Condenser (K057):

- ♦ Unit 2- Installing Wind Wall on South Side. Working wash water lines and punch list. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prebuilding Turbine Exhaust Duct and A-Frames.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct.

Pylon, SCE Assembly and Installation(K100):

- ♦ Leveling SCE's in Solar Field 2 Block 10. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Field welding triple joints in Solar Field 2 Block 3. Continued pneumatic testing in Solar Field 2 Block 1.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	0
Sukut (K010)	17
Largo (K013)	0
Newtron (K014)	5
Largo (K015)	40
EPC (K016)	9
BPC (K021)	21
PMI (K022)	126
Sukut (K026)	27
Newtron (K029)	14
FE Moran (K032)	0
Newtron (K030)	26
SPX (K057)	102
Whiting Turner (K067)	2
USA Tank (K068)	0
Newtron (K073)	5
BPC (K100)	15
BPC (K102)	20
Total Personnel Onsite	510



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

January 28, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Working punch list items.

Solar Field Foundations (K013):

- ♦ Unit 2 – Complete. Unit 1 – Constructing sleepers North of Block 6 and grouting tube steel North side of Block 8. Constructing pipe supports on the North side of Block 4 and drilling on the north side of Block 8. Constructing substation 1C. Excavating Bridge 4.

Solar Field Underground Electrical (K014):

- ♦ Continue grounding wind and security fence. Installing 15 Kv from Solar Field 2 to Common Area.

Power Block Foundations (K015):

- ♦ Unit 2 – Installing rebar cages and pouring demin supports. Forming pedestals for the Carbon filter foundation. Poured pedestals for the Electrical Waterfall Foundation. Unit 1 – Installing conduit for PDC 1A duct banks. Working on prepping for the STG 2nd pour. Working on pipe rack 22 West and East. Poured a footing North of the STG. Common Area – Working on Raw Water cooling foundations. Installing the duct bank going to the Well 0. Poured the PDC 0A Transformer pads.

230 Kv Line and Switchyard(K016):

- ♦ Installing solid buss and flexible jumpers at Unit 2 Switchyard. Drilling and setting poles.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects in Solar Field 2 Block 6. Welding and installing pipe in Solar Field 2 Blocks 3, 5 and 8. Installing electrical cable tray supports between Solar Field 2 and 7. Common Area- Continued with foundation layout and installing pipe rack.

Power Block Piping and Mechanical(K022):

- ♦ Detailing Gland Steam Steel. Installing pipe on Pipe Racks 22 West, 23, 24, 25 , Boiler Feed Water structure and Lube Oil. Installing Crossovers and Down comers on Train 1. Aligning HTF Overflow Pumps.

Site Safety Topic Of The Week:
"Angle Grinder Safety"

Weather		
Clear	Temp- High 59	Winds-Northwest at 10 mph



Power Block 2 Demin Supports



Common Area Pipe Rack

Evaporation Ponds (K026):

- ♦ Punch-list of the concrete and liners at the South Pond.

Solar Field Above Ground Electrical (K029):

- ♦ LOC and Instrument installation in Rings 5,9 and 10. Fiber optic laser connections Rings 3 and 4.

Power Block Above Ground Electrical(K030):

- ♦ Power Block 2 cable tray and conduit installation under PDC's. Setting gear in Electrical building, conduit supports and equipment grounding.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Installing Wind Wall on East Side. Working wash water lines and punch list. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing and screens for Streets 3 and 4. Prebuilding Turbine Exhaust Duct and A-Frames.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct. Installing cable tray at the Water Treatment building and coring holes at the Admin building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Leveling SCE's in Solar Field 2 Block 10. Leveling pylons in Solar Field 2 Block 8. Erecting pylons in Solar Field 1 Block 5.

HCE Tube Installation (K102):

- ♦ Field welding triple joints in Solar Field 2 Block 3. Continued pneumatic testing in Solar Field 2 Block 1. Installing triple joint and supports in Solar Field 2 Block 4. Installing crossover piping in Solar Field 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	10
Sukut (K010)	17
Largo (K013)	48
Newtron (K014)	5
Largo (K015)	75
EPC (K016)	16
BPC (K021)	75
PMI (K022)	126
Sukut (K026)	27
Newtron (K029)	14
FE Moran (K032)	4
Newtron (K030)	35
SPX (K057)	102
Whiting Turner (K067)	0
USA Tank (K068)	0
Newtron (K073)	5
BPC (K100)	90
BPC (K102)	102
Total Personnel Onsite	832



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

January 29, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Working punch list items.

Solar Field Foundations (K013):

- ♦ Unit 1 – Constructing sleepers North of Block 6. Constructing pipe supports on the South side of Block 7 and drilling on the South side of Block 6. Constructing substation 1C. Installing rebar in Bridge 1 foundation.

Solar Field Underground Electrical (K014):

- ♦ Continue grounding wind and security fence.

Power Block Foundations (K015):

- ♦ Unit 2 – Poured the demin supports. Installing rebar in the ammonia skid foundation. Forming pedestals for the Carbon filter foundation. Backfilling the Electrical Waterfall Foundation. Unit 1 – Installing conduit for PDC 1A duct banks. Working on prepping for the STG 2nd pour. Working on Piperack 22 West and East. Installing conduit and rebar in the STG to Electrical Building duct bank. Common Area – Poured the fuel storage pad and backfilled the duct bank going to the well.

230 Kv Line and Switchyard(K016):

- ♦ Installing flex buss jumpers and pulling control conductors at Unit 2 Switchyard. Drilling and setting poles.

Solar Field Header/Common Area Piping (K021):

- ♦ Welding and installing pipe in Solar Field 2 Blocks 3, 5 and 8. Installing electrical cable tray supports between Solar Field 2 and 7. Fabricating Solar Field 2 Block 3 Interconnects. Common Area- Continued with foundation layout and installing pipe rack.

Power Block Piping and Mechanical(K022):

- ♦ Detailing Gland Steam Steel. Installing pipe on Pipe Racks 22 West, 23, 24, 25 , Boiler Feed Water structure and Lube Oil. Installing Crossovers and Down comers on Train 1. Aligning HTF Overflow Pumps. Shaking out Lube Oil and STG steel. Setting Heat Exchanger equipment.

Site Safety Topic Of The Week:
"Angle Grinder Safety"

Weather		
Clear	Temp- High 63	Winds-Southeast at 5 mph



Power Block 2



Common Area PDC

Evaporation Ponds (K026):

- ♦ Punch-list of the concrete and liners at the South Pond.

Solar Field Above Ground Electrical (K029):

- ♦ LOC and Instrument installation in Rings 5,9 and 10. Fiber optic laser connections Rings 3 and 4. Setting RTD's in Ring 9. Terminating Substation 2D.

Power Block Above Ground Electrical(K030):

- ♦ Power Block 2 cable tray and conduit installation under PDC's. Setting gear in Electrical building, conduit supports and equipment grounding.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Installing Wind Wall on East Side. Working wash water lines and punch list. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing, A-Frames and screens for Streets 3 and 4. Prebuilding Turbine Exhaust Duct.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct. Installing cable tray at the Water Treatment building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Leveling SCE's in Solar Field 2 Block 10. Leveling pylons in Solar Field 2 Block 8. Erecting pylons in Solar Field 1 Block 1.

HCE Tube Installation (K102):

- ♦ Field welding triple joints in Solar Field 2 Block 3. Continued pneumatic testing in Solar Field 2 Block 1. Installing triple joint and supports in Solar Field 2 Block 4. Installing crossover piping in Solar Field 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	10
Sukut (K010)	17
Largo (K013)	48
Newtron (K014)	2
Largo (K015)	75
EPC (K016)	25
BPC (K021)	75
PMI (K022)	126
Sukut (K026)	27
Newtron (K029)	14
FE Moran (K032)	4
Newtron (K030)	26
SPX (K057)	102
Whiting Turner (K067)	0
USA Tank (K068)	0
Newtron (K073)	5
BPC (K100)	90
BPC (K102)	102
Total Personnel Onsite	829



Genesis Solar, LLC.
Blythe, California
Daily Report



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

January 30,
2013

Safety:

- ♦ An SPX employee cut his lower right wrist above the kevlar glove while installing sheet metal. SPX shut this portion of work down until kevlar sleeves arrive Thursday morning. An investigation is being conducted.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Working punch list items. Also started isolation panels at 230kv crossings.

Solar Field Foundations (K013):

- ♦ Unit 1 – Constructing sleepers North of Block 6. Constructing pipe supports south of block 7 & 4.

Solar Field Underground Electrical (K014):

- ♦ Continue grounding wind and security fence.

Power Block Foundations (K015):

- ♦ Unit 2 – Excavated demin pumps & supports. Forming ammonia skid foundation. Unit 1 – Poured piers for PDC 1B. Working on prepping for the STG 2nd pour. Working on Piperack 22 West and East foundations. Common Area – Stripping forms

230 Kv Line and Switchyard(K016):

- ♦ Stringing buss jumpers and pulling control conductors at Unit 2 Switchyard. Setting pole numbers 16-19 also Drilling.

Solar Field Header/Common Area Piping (K021):

- ♦ All aspects of header pipe install in Solar Field 2 Blocks 3, 5 and 8. Tray supports on North South header. Hydro test Block 6. Common Area- Set PDC and Fire House continued setting tray and rack supports.

Power Block Piping and Mechanical(K022):

- ♦ Detailing Gland Steam Steel. Installing pipe on Pipe Racks 22 West, 23, , 25 , 26 Boiler Feed Water structure and Lube Oil. Installing Crossovers and Down comers on Train 1. Aligning HTF Overflow Pumps. Shaking out Lube Oil and STG steel. In Unit 1 Ironworkers setting bents and receiving.

Site Safety Topic Of The Week:
"Angle Grinder Safety"

Weather		
Clear	Temp- High 65	Winds-Southeast at 2 mph



Power Block 2 loading pipe



Evaporation Pond with lining and Netting

Evaporation Ponds (K026):

- ♦ Installing road base around ponds.

Solar Field Above Ground Electrical (K029):

- ♦ LOC and Instrument installation in Rings 5 and 10. Fiber optic laser connections Rings 3 and 4. Setting RTD's in Ring 9. Terminating Substation 2D.

Power Block Above Ground Electrical(K030):

- ♦ Power Block 2 continuing cable tray and conduit installation under PDC's. Setting gear in Electrical building, conduit supports and equipment grounding.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines on Pipe Rack 22 West.

Air Cooled Condenser (K057):

- ♦ Unit 2- Installing Wind Wall on East Side. Working wash water lines and punch list. Unit 1- Installing steel on Streets 3 and 4. Installing and prebuilding motor bridges, collection condensate and steam duct manifolds, fan bell housing, A-Frames and screens for Streets 3 and 4. Prebuilding Turbine Exhaust Duct.

Common Area Electrical and Instrumentation (K073):

- ♦ Continue grounding and installing underground electrical duct. Installing cable tray at the Water Treatment building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 9. Leveling SCE's in Solar Field 2 Block 10. Leveling pylons in Solar Field 2 Block 8. Erecting pylons in Solar Field 1 Block 1.

HCE Tube Installation (K102):

- ♦ Field welding triple joints in Solar Field 2 Block 3. Continued pneumatic testing in Solar Field 2 Block 1. Installing triple joint and supports in Solar Field 2 Block 4. Installing crossover piping in Solar Field 2 Block 2.

Personnel Onsite	Total
Genesis Management	37
Genesis Operations	18
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	10
Sukut (K010)	17
Largo (K013)	48
Newtron (K014)	2
Largo (K015)	75
EPC (K016)	25
BPC (K021)	75
PMI (K022)	126
Sukut (K026)	27
Newtron (K029)	14
FE Moran (K032)	4
Newtron (K030)	26
SPX (K057)	102
Whiting Turner (K067)	0
USA Tank (K068)	0
Newtron (K073)	5
BPC (K100)	90
BPC (K102)	102
Total Personnel Onsite	829

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

New meters 10/21	Serial No#: 11-07803	Serial No#: 11-07804	Serial No#: 11-07805	Serial No#: 022037 Currently not in use	Sundays not worked so no meter readings
	All McCalls Propeller Meter McCrometer Flow Meters			Hendley Nitro Performance	
Date	Well 0	Well 1	Well 2	Front Well Gauge (in gal)	Comments
Tue. 1/01	4720	181068	258829		
Wed. 1/02	8988	181773	259613		
Thu. 1/03	13961	182407	260300		
Fri. 1/04	18278	182989	261058		
Sat. 1/05	18278	182989	261058		
Sun. 1/06	18278 acre feet x .001	182989 acre feet x .001	261058 acre feet x .001	78762 00 (out of service)	Friday reading 12/07
Mon. 1/07	22746	183700	261800		
Tue. 1/08	26314	184429	262551		
Wed. 1/09	30315	185135	263284		
Thu. 1/10	33813	185522	263763		
Fri. 1/11	37017	185744	264217		
Sat. 1/12	37017	185744	264217		
Sun. 1/13	37017 acre feet x .001	185744 acre feet x .001	264217 acre feet x .001	78762 00 (out of service)	Friday reading 12/14
Mon. 1/14	38068	186746	264984		
Tue. 1/15	39089	187551	265521		
Wed. 1/16	40275	183363	266019		
Thu. 1/17	41383	188623	266758		
Fri. 1/18	42477	188979	267403		
Sat. 1/19	42477	188979	267403		
Sun. 1/20	42477 acre feet x .001	188979 acre feet x .001	267403 acre feet x .001	78762 00 (out of service)	Friday reading 12/23
Mon. 1/21	43459	189202	268017		
Tue. 1/22	44490	189442	268429		
Wed. 1/23	45424	189647	268913		
Thu. 1/24	46331	189842	269333		
Fri. 1/25	47482	190076	269636		
Sat. 1/26	47482	190076	269636		
Sun. 1/27	47482 acre feet x .001	190076 acre feet x .001	269636 acre feet x .001	78762 00 (out of service)	Friday reading 12/28
Mon. 1/28	48498	190299	270174		
Tue. 1/29	48999	190323	270615		
Wed. 1/30	50146	190624	270902		
Thu. 1/31	50852	190830	271112		