

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

Genesis Solar, LLC

**Monthly Compliance Report #29
March 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 March, 2013.

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

- Continued New Employee site specific Safety Training and Worker's Environmental Awareness Training.
- Foundations for off-site Transmission line poles were completed.
- Boring was completed under the I-10 for fiber optic installation.
- Commenced installation of the ISO-Phase.
- T-line conductor cable pull from Power Block 1 to Power Block 2 was completed.
- Erecting pylons in Solar Field 1 Blocks 2 and 3
- Installation of the sprinkler lines around the overflow tank were completed.

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
3/5/8	CEC	HAZ-03	Safety Management Plan
3/11/13	CEC	COM-6	February 2013 MCR
3/15/13	CEC	PH-1	Cooling Tower Management Plan
3/21/13	CEC	HAZ-2	Safety Management Plan
3/27/13	CEC	VIS-1, BIO-8	Revised Lighting Plan for Night Work

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

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

AQ-SC1: Air Quality Construction Mitigation Manager

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

No new applications were submitted in March 2013.

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

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

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

Under the direction of the AQ-CMM and as per the AQ-CMP the following measures have been taken to maintain compliance:

- All workers have been instructed in fugitive dust prevention as part of their Workers Environmental Awareness Program training.

- Fugitive dust control mitigation measures continue to be a topic at contractor tailboard meetings once a week or more, depending upon weather conditions. During the month of March, no wind activity affected production or cause a slowdown of work.
- No vehicle shall exceed 10 mile per hour on unpaved areas within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads as long as such speeds do not create visible dust emissions.
- Speed limit signs are posted at the lay-down areas and along the access roads for the full length of the project. Dusk and dawn speed limit signs annotating the 25 mph limit continue to be a discussion with contractors to remind them of the reduction in speed during the dusk and dawn hours. 45 mph is posted during the day and 25 mph posted for the night hours.
- As per AQ-SC3 all soil piles have been treated with water and/or tackifier to reduce dust plumes during windy conditions.
- All roads have had water applied to them regularly to reduce dust plumes from moving vehicles.
- Areas where dirt roads intersect asphalt roads have had a 20' X 50' rock pad installed to reduce tracking onto the road.
- A track out, on the entrance to the public road, has been installed to reduce any track out.
- All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.
- No diesel equipment has been allowed to idle in excess of 5 minutes.

AQ-SC4: Dust Plume Response Requirement

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

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

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

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 March, 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 March 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 March. 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 March, the total number of personnel who received the Construction Worker Environmental Awareness Training was 154. The number of personnel who have received the training to date is 3452. 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 March.

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.

4 Permits were received for the month of March.

See Appendix G

TRANS-3: Public ROW Encroachment

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

On March 25, 2013 GSEP received an Encroachment Permit from the California Department of Transportation.

See Appendix G

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 11 first aids and no recordable injuries in the month of March.

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

Weekly bulletins are enclosed in Appendix F.

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

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

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

GEN-3: CBO Payments

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

No invoices were paid to the CBO, during the month of March.

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

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

No Special Inspectors were submitted/approved during the month of March.

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 March.

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 March.

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 March.

Compliance Matrix

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
1	CEC	x			AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	Assign Air Quality Construction Mitigation Manager	ECM	> 30d pt gd		12/17/10	11/16/2010 1/13/11	Approved 12/2/2010
2	CEC		x		AQ-SC1	Air Quality Construction Mitigation Manager (AQCOMM) - staff assignment	AQCOMM remain onsite to monitor construction activities	ECM	Ongoing				
3	CEC	x			AQ-SC2	Air Quality Construction Mitigation Plan (AQCMP)	Prepare Air Quality Construction Mitigation Plan (AQCMP)	ECM	> 30d pt gd		12/17/10	23-Nov-10	Approved 12/2/2010
17	CEC	x	x	x	AQ-SC8	Air permit submittals	Submit copies of District issued Authority to Construct & Permit to Operate Documents.	Fluor	< 5d from date of submittal or receipt			12-Dec-10	Approved 1/17/11
55	CEC		x		AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit manufacturer guarantee data for the drift eliminator.	McCord	> 30d pt cooling tower operation		03/01/14		DELETED Per Eric Veerkamp
57	CEC		x		AQ-22	Water Testing Protocol - Cooling Tower	Submit a test and emissions calculation protocol.	McCord	> 30d pt testing				DELETED Per Eric Veerkamp
74	CEC		x		AQ-34	NSPS Compliance -341 HP generators	Submit the engine specifications regarding NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase		06/30/11		
84	CEC		x		AQ-41	NSPS Compliance - 315 HP fire pump engines	Submit the engine specifications demonstrating compliance with NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase		06/30/11		
101	CEC	x			BIO-1	Designated Biologist - staff assignment	Assign Designated Biologist	AECOM	> 30d pt gd		12/17/10	9/27/2010 2/18/11	Approved /German
104	CEC	x	x		BIO-2	Designated Biologist - responsibilities	Des Bio Pre-con: Consult on the preparation of the BRMIMP; Oversee survey efforts for sensitive bio resources; Mark sensitive biological resource areas and inspect regularly;	AECOM			n/a	n/a	n/a
106	CEC	x			BIO-3	Biological Monitors - Staff assignment	Assign Bio Monitors and submit training verification	AECOM	> 30d pt gd		12/17/10	10-Dec-10	Approved (various dates)
109	CEC		x		BIO-4	Biological Monitors - responsibilities	Assist with surveys and in monitoring of site mobilization activities.	Guigliano	pt construction		Ongoing		
113	CEC	x			BIO-6	Worker Environmental Awareness Program (WEAP)	Prepare and Submit WEAP (including trainer resume)	AECOM/Thomas	> 30d pt gd		12/17/10	3-Dec-10	Comments received 12/08/10
117	CEC	x			BIO-6	Worker Environmental Awareness Program (WEAP)	Submit Final WEAP.	Tetra Tech	> 10d pt gd		01/06/11	1/4/2011 1/14/11	Approved 1/14/11
120	CEC	x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit Draft BRMIMP	Tetra Tech	> 30d pt site mobilization		12/17/10	23-Nov-10	comments received 12/21/10
126	CEC	x			BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit final BRMIMP.	Tetra Tech	> 7d pt gd		01/09/11	1/5/2011 1/11/11	Approved 1/12/11
128		x	x		BIO-8	Impact Avoidance and Minimization Measures	If an active bird nest is detected, submit Nesting Bird Monitoring and Management Plan	Tetra Tech	< 7d pt noisy construction in nesting habitat		01/10/11	1/25/2011 2/25/11	3/14/2011
128	CEC		x		BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE II	Fluor	pt construction		04/25/11	completed	completed
128	CEC	x			BIO-8	Impact Avoidance and Minimization Measures	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE I	Fluor	pt construction		01/10/11	completed	completed
135	CEC	x			BIO-8	Impact Avoidance and Minimization Measures	Designated Biologist must monitor ground disturbing activities prior to pre-construction site mobilization.	Tetra Tech / Fluor	pt site mobilization		01/16/11	completed	
136	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Flag and survey the alignments for the permanent perimeter fence and utility rights-of-way fencing <24hrs PT fence construction.	German	< 24hrs pt fence construction				
137	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. Ph I	Tetra Tech	< 30d after survey complete		02/17/11	2/25/2011 3/28/11	Comments received 3/14/11
137	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	Submit DT survey reports. P II	Tetra Tech	< 30d after survey complete		05/15/11		
140	CEC		x		BIO-9	Desert Tortoise Clearance Surveys and Fencing	If tortoises were relocated during fence installation, inspect fences at least two times a day for the first 7 days.	Tetra Tech	Monthly		Monthly		N/A
141	CEC	x			BIO-9	Desert Tortoise Clearance Surveys and Fencing	Install exclusion (supervised by Des. Bio or Monitors) fencing PT site clearing and grubbing.	Fluor	pt clearing and grading		01/18/11	completed	CEC approval 4/15/11
143	CEC	x			BIO-10	Desert Tortoise Translocation Plan	Submit final version of Desert Tortoise Translocation Plan.	Tetra Tech	< 30d pt site mobilization		12/17/10	11/29/10, resubmitted 12/28/10 resub 1/7/11 1/10/11 2/8/11	Approved 1/10/11
150	CEC	x			BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph I	Tetra Tech	> 14d pt gd		01/02/11	3-Jan-11	NA
150	CEC	x			BIO-11	Desert Tortoise Compliance Verification	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph II	Tetra Tech	> 14d pt gd		04/17/11		
151	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit PAR analysis for compensation lands.	AECOM	< 60d after CPM approval				N/A per Wildlands
152	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit an Acquisition Proposal compensation lands.	Tetra Tech	< 12m after start of construction		01/12/12		
153	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Fund activities for Des Tort compensation. Submit verification of funding to CPM.	NextEra	< 60d CPM determining requirements				
153	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Complete initial protection and improvement activities of mitigation lands. Submit verification to CPM.	Tetra Tech	< 6m CPM determining requirements				
154	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	If delegated to third party, complete acquisition within 18 months of gd activities.	NextEra	< 18m after start of gd		07/09/12		
156	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	If mitigation is not completed 30d pt gd, post security for funding.	NextEra	> 30d pt gd		04/01/11		
157	CEC	x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement.	Tetra Tech	> 30d pt gd		12/17/10	3-Jan-10	NA
157	CEC	x			BIO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of gd activity commencement. Phase II	Tetra Tech	> 30d pt gd		04/02/11		
158	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Preliminary Title Report, initial hazardous materials survey report, biological analysis for compensation land.	Tetra Tech					Wildlands Approved 10/11/11

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
159	CEC	x	x		BIO-12	Desert Tortoise Compensatory Mitigation	Fund long-term maintenance and management activities of the compensation lands. Submit verification of funding.	NextEra	< 30d after CPM approval				Wildlands Approved 10/11/11
160	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Acquire and transfer fee title to the compensation lands, a conservation easement over the lands, or both.	Fluor			11/01/11	Complete	Complete
161	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).	Fluor			11/01/11	Complete	Complete
162	CEC		x		BIO-12	Desert Tortoise Compensatory Mitigation	Submit a Management Plan for Compensation Lands.	Fluor	< 180d after acquisition		11/01/11	Complete	Complete
164	CEC	x			BIO-13	Raven Management Plan	Submit final Raven Management Plan.	Tetra Tech	> 30d pt construction		12/17/10	12/3/2010 1/4/11 1/8/11 1/10/11 2/8/11 2/15/11	Approved 3/2/11
165	CEC	x			BIO-13	Raven Management Plan	Post payment to the REAT Account for Regional Raven Management Program. Submit documentation of payment..	NextEra	< 10d pt Project-related gd		01/07/11	23-Dec-10	CEC Approval 10/11/11
169	CEC	x			BIO-14	Weed Management Plan	Submit final Weed Management Plan.	Alice Karl	> 10d pt Project-related gd		01/06/11	8/25/2010 resubmitted 1/5/11 1/11/11	Approved 1/10/11
171	CEC		x	x	BIO-14	Weed Management Plan	Implement the Weed Management Plan.	Alice Karl	Ongoing				
174	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge.	Thomas Darden	until fledged		After Feb 1	24-Feb-11	Complete
174	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge. PLANT SITE, PHASE II	Thomas Darden	until fledged		After Feb 1	24-Feb-11	Complete
175	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Conduct two pre-construction nest surveys. If construction is inactive for > 3 weeks, additional surveys may be required.	Thomas Darden	< 7d pt construction		02/01/11	24-Feb-11	Complete
176	CEC	x	x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit letter report of nest survey results.	Thomas Darden	pt gd		04/22/11	24-Feb-11	Complete
177	CEC		x		BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Avoid construction in buffer zones established for active bird nests as determined and flagged by Des Bio.	Thomas Darden	until fledged		04/22/11	24-Feb-11	Complete
179	CEC	x			BIO-16	Avian Protection Plan.	Submit a final Avian Protection Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	12/6/2010 1/4/11	Approved 1/12/11
180	CEC		x	x	BIO-16	Avian Protection Plan.	Implement an Avian Protection Plan	Tetra Tech / Operations	Ongoing			Submitted Jan 2011.	Submitted Jan 2011.
185	CEC		x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Submit a report of badger and kit fox survey results. Ph I	Nextera Energy	< 30d after survey complete		02/17/11	2/25/2011 3/28/11	CEC approval 4/15/11
185	CEC		x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Submit a report of badger and kit fox survey results. Ph II	Nextera Energy	< 30d after survey complete		05/15/11		CEC approval 4/15/11
186	CEC		x		BIO-17	American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures	Perform pre-construction surveys for badger and kit fox dens. Ph II	Thomas Darden	pt construction		03/15/11	Ongoing	
187	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Notify agencies that a relocation of owls is necessary.	Thomas Darden	> 10d after survey complete		04/15/11		N/A
190	CEC		x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Provide a land management plan.	Tetra Tech	< 90d after acquisition				N/A
191	CEC		x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit verification to agencies that compensation land or easements have been acquired.	Tetra Tech	< 18m after start of construction		07/09/12		Approved Wildlands 10/11/11
193	CEC		x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Submit acquisition proposal and a PAR analysis.	AECOM	> 90d pt acquisition				N/A per Approved Wildlands/REAT 10/11/11
194	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph I	Tetra Tech	< 30d pt construction		01/16/11	Completed	Approved report 3/14/11
194	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Conduct pre-construction surveys for burrowing owls. Ph II	Tetra Tech	< 30d pt construction		04/01/11		Approved report 3/14/11
195	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase II	Tetra Tech	> 10d pt construction-related gd		04/22/11		Approved Wildlands 10/11/11
195	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase I	Tetra Tech	> 10d pt construction-related gd		01/06/11	NA	N/A
196	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Provide land/mitigation compensation security verification.	Tetra Tech	> 30d pt construction-related gd		12/17/10	23-Dec-10	Approved Wildlands 10/11/11
198	CEC	x			BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	If an active owl burrow is detected: Submit Burrowing Owl Relocation and Mitigation Plan.	Tetra Tech	< 30d after survey complete		12/17/10	11/26/2010 resubmitted 1/7/11	Approved 1/11/11
199	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Rare Plant Surveys - Submit drawings and plans with ESAs and Section A Measures.	Tetra Tech	> 30d pt gd		12/17/10	3-Jan-11	Approved 1/12/11

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200	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a Distribution Study is implemented as contingency mitigation, initiate study within 6 months from the start of construction.	Tetra Tech	< 6m after start of construction		07/15/11		N/A- Distribution Study not implemented
201	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If compensatory mitigation is required, post Security for acquisition and enhancement funds.	NextEra	> 30d pt gd		12/17/10	NA	NA
202	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Rare Plant Surveys - Submit data, field forms and summary of results.	Tetra Tech	< 2w after survey complete			22-Oct-10	Approved 11/2/2010
205	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Rare Plant Surveys - Submit the Final Summer-Fall Botanical Survey Report.	Tetra Tech	> 30d pt gd		12/17/10	N/A	NA
206	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: If proposed, secure approval of a Habitat Enhancement/Restoration Plan.	Tetra Tech	< 6m after start of construction		07/15/11		N/A No proposed Habitat Enhancement
207	CEC	x			BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Rare Plant Surveys - Submit draft Special-Status Plant Mitigation Plan.	Tetra Tech	> 30d pt gd		12/17/10	N/A	NA
209	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Compensatory Mitigation: Deposit the required funds and submit verification of deposit.	NextEra	> 30d after acquisition				Wildlands Approved 10/11/11
210	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: Post funds for selected mitigation.	NextEra	< 18m after start of gd		07/09/12		Wildlands Approved 10/11/11
211	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Compensatory Mitigation: Submit a formal acquisition proposal and draft Management Plan.	Tetra Tech	> 90d pt acquisition				Wildlands Approved 10/11/11
213	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Compensatory Mitigation: Complete acquisition and submit verification.	Tetra Tech	< 18 m after start of gd		07/09/12		N/A per CEC on 11/02/10
214	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: initiate activities > 12m from the start of construction.	Tetra Tech	< 12m after start of construction		01/12/12		N/A No proposed Habitat Enhancement
215	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Compensatory Mitigation: Submit any agreements with an approved, delegated third party.	Tetra Tech	> 90d pt acquisition				N/A per CEC on 11/02/10
216	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If selected, initiate study <6m after gd.	Tetra Tech	< 180d after gd		07/15/11		N/A per CEC on 11/02/10
219	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Assign a Designated Botanist.	Tetra Tech	none		none	9/27/2010 2/8/11	Approved 10/15/10
220	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).	Tetra Tech			12/17/10	12/3/2010 resubmitted 1/4/11	Approved 1/14/11
222	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Establish and mark boundaries for ESAs PT start of any ground- or vegetation-disturbing activities.	Tetra Tech	pt gd		01/16/11	completed	NA
230	CEC	x			BIO-19-B	Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation	If a special-status plant is found, record extent of population using GPS. Assess the extent of the species (qualitatively) within one mile of Project boundaries.	Karl, Darden	pt construction		01/16/11	NA	NA
231	CEC	x			BIO-19-B	Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation	Prior to the start of surveys, all crew members must visit reference sites (where available)	Tetra Tech	pt plant survey			completed	
232	CEC	x			BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Collect seeds from affected Special-Status Plants and arrange for long-term storage prior to construction.	Tetra Tech	pt construction		01/16/11	NA	NA
235	CEC	x			BIO-19-C	Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation	Special-status plants: CNDDDB Rank plants -If detected within the Project Disturbance Area, prepare and implement a Mitigation Plan.	Tetra Tech	n/a		n/a	NA	NA
236	CEC	x			BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Post security for acquisitions and enhancement of MFTL habitat.	NextEra	> 30d pt construction-related gd		12/17/10	23-Dec-10	1/4/2011
237	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit a MFTL Compensation Land Management Plan and associated funding.	Tetra Tech	< 180d after acquisition				Wildlands Approval 11/10/11
239	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit a formal acquisition proposal and PAR analysis.	AECOM	> 90d pt acquisition				N/A per CEC on 11/02/10
240	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Complete MFTL compensation land acquisition and submit verification.	Tetra Tech	< 18m after start of construction		07/09/12		Wildlands Approval 11/10/11
242	CEC		x		BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Provide funding for MFTL compensation lands OR deposit funds into NFWF's REAT Account.	NextEra					Wildlands Approval 11/10/11
250	CEC		x		BIO-21	Evaporation Pond Netting and Monitoring	Install a visual deterrent in addition to the mesh cover.	McCord					CEC Approval on 3/18/13
254	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Submit a draft Management Plan for the drainages on the acquired compensation lands.	Tetra Tech / Fluor	< 180d after acquisition				Wildlands Approved 11/10/11
257	CEC	x			BIO-22	Mitigation for Impacts to State Waters	Notify agencies prior to disturbance and completion of work in jurisdictional waters.	Tetra Tech / Fluor	> 5d pt construction-related gd in state waters		01/10/11	3-Jan-11	NA
260	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Transfer fee title or submit a conservation easement for compensation lands.	Genesis ECM					
261	CEC	x			BIO-22	Mitigation for Impacts to State Waters	Provide verification of Security 30d pt CR gd.	NextEra	> 30d pt construction-related gd		12/17/10	23-Dec-10	1/4/2011

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262	CEC		x	x	BIO-22	Mitigation for Impacts to State Waters	Drainage BMPs: Minimize road building, construction activities and vegetation clearing within ephemeral drainages to the extent feasible. Do not allow water containing mud, silt, or other pollutants from grading, aggregate washing, or other activities to enter ephemeral drainages or be placed in locations that may be subjected to high storm flows. Comply with all litter and pollution laws. Locate spoil sites at least 30 feet from the boundaries and drainages or in locations that may be subjected to high storm flows, where spoils might be washed back into drainages. Prevent hazMat from contaminating the soil and/or entering waters of the state. Do not place any material of any kind (including soil) into or capable of going into waters of the state. Remove excess material after operations is complete. Do not perform equipment maintenance within 150ft of a drainage.	Genesis Project management/ECM	Ongoing				Wildlands Approved 11/10/11
263	CEC	x			BIO-22	Mitigation for Impacts to State Waters	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that BMPs shall be implemented.	ECM	> 30d pt construction-related gd in state waters		01/11/11	23-Nov-10	NA
265	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Submit verification of acquisition.	McCord	< 18m after start of construction		07/09/12		
270	CEC	x			BIO-23	Decommissioning and Closure Plan	Post security for Decommissioning and Closure Plan.	NextEra	> 10d pt construction-related gd		01/06/11	4-Jan-11	Approved 1/11/11
273	CEC	x			BIO-23	Decommissioning and Closure Plan	Submit a draft Decommissioning and Closure Plan.	Worley Parsons	> 30d pt construction-related gd		12/17/10	25-Aug-10	Approved 10/15/2010
276	CEC	x			BIO-24	Revegetation of Temporarily Disturbed Areas	Submit to the CPM a final agency-approved Revegetation Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	8/25/2010 resubmitted 12/29/10	Approved 1/12/11
280	CEC			x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Conduct Spadefoot Toad surveys. Submit findings	Alice Karl	Oct-10		10/30/10	25-Oct-10	N/A
280	CEC			x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	If ponds are created, submit compliance documentation yearly.	Tetra Tech	Jan-31 Annually			n/a	N/A
282	CEC	x			BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Submit a final CST Protection and Mitigation Plan.	Tetra Tech	> 30d pt construction-related gd		12/17/10	11/20/2010 resubmitted 1/5/11 1/10/11	Approved 1/11/11
287	CEC		x		BIO-28	Golden Eagle Inventory and Monitoring	Submit results of eagle inventory.	Tetra Tech	< 30d of survey completion		06/30/11		
288	CEC	x			BIO-29	In-Lieu Mitigation Option	Notify CEC if an in-lieu fee is preferred for bio mitigation.	NextEra	pt construction-related gd		01/16/11	23-Dec-10	NA
289	CEC	x			CUL-1	prehistoric Trails Network Cultural Landscape (PTNCL) Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	NextEra	< 10d of transfer			27-Sep-10	Approved 10/15/10
290	CEC	x			CUL-1	PTNCL Documentation and Poss. NRHP Nomination	Contribute funds for the PTNCL Documentation and Possible NRHP Nomination program.	NextEra	upon receipt of invoice			27-Sep-10	Approved 10/15/10
291	CEC	x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Submit notice of fund transfer.	NextEra	< 10d of transfer			27-Sep-10	Approved 10/15/10
292	CEC	x			CUL-2	Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination	Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCCL)	NextEra	upon receipt of invoice			27-Sep-10	Approved 10/15/10
293	CEC	x			CUL-3	Cultural Resources Personnel	Assign a cultural resource specialist (CRS).	AECom	pt site mobilization		01/16/11	26-Aug-10	Approved 10/18/10
295	CEC	x			CUL-3	Cultural Resources Personnel	Obtain services of a specialist backhoe operator during excavation of CA-Riv-9072.	AECom	NA		NA	5-Apr-12	
297	CEC	x			CUL-3	Cultural Resources Personnel	Submit resumes for a CRS, alternate CRS (optional), prehistoric archaeologist, ethnographer, historical archaeologist, project geoaarchaeologist.	AECom	> 75d pt gd		11/02/10	26-Aug-10	CRS, Approved 10/18/10 Alt CRS (addl info submitted 10/29) PPA, Approved 10/18/10 PHA, Approved 10/18/10 GE (addl info submitted 10/29)
299	CEC	x	x		CUL-3	Cultural Resources Personnel	Submit confirmation of CR staff availability for CUL-8, 10, 11, 12 and 17.	AECom	10d pt data recovery		01/07/11	Completed with resume submittal	NA
301	CEC	x			CUL-3	Cultural Resources Personnel	Submit letter with names and quals of CR Monitors.	AECom	15d pt data recovery		01/02/11	10-Dec-10	Approved 1/13/11
301	CEC	x			CUL-3	Cultural Resources Personnel	Submit letter with names and quals of field crew members.	AECom	15d pt data recovery		01/02/11	NA	N/A
303	CEC	x	x		CUL-4	Project Documents for Cultural Resources Personnel	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM.	Jessica Auch	15d pt start of each phase		01/01/11	Completed with CIVIL-1	N/A
303	CEC	x	x		CUL-4	Project Documents for Cultural Resources Personnel	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM. Phase II	Jessica Auch	15d pt start of each phase		04/16/11		N/A
304	CEC	x			CUL-4	Project Documents for Cultural Resources Personnel	Submit CR data and maps to CR staff and CPM.	Jessica Auch	> 60d pt gd		11/17/10	1-Dec-10	Pending - addl info requested
305	CEC	x	x		CUL-4	Project Documents for Cultural Resources Personnel	Submit any changes in footprint.	Jessica Auch	15d pt gd		01/01/11	1/4/2011 3/18/11	Approved 3/30/11

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307	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit information from curation facility.	Jessica Auch	> 30d pt gd		12/17/10	12-Nov-10	NA
308	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit letter agreement to fund curation fees.	Jessica Auch	> 20d pt gd		12/27/10	10-Dec-10	NA
309	CEC	x			CUL-5	Cultural Resources Monitoring and Mitigation Plan	Submit the CRMMP.	Jessica Auch	> 30d pt gd		03/01/11	3/1/2011 4/4/11	
313	CEC	x			CUL-7	Worker Environmental Awareness Program	CRS to submit training program.	Jessica Auch	> 30d pt gd		12/17/10	12/10/2010 resubmitted on 1/4/11	comments received 2/28/11
314	CEC	x			CUL-7	Worker Environmental Awareness Program	CRS to submit WEAP training acknowledgement form.	AECOM	> 15d pt gd		01/01/11		
317	CEC		x		CUL-8	Construction Monitoring Program	Geoarchaeologist to observe and sample all trenching of Tline as part of PTCNL documentation and possible NRHP nomination program (CUL-1).	AECOM	1-Aug-11				N/A per a memo from the CEC on 2/19/13.
326	CEC	x			CUL-8	Construction Monitoring Program	CPM to provide CRS with daily monitoring form.	AECOM	> 30d pt gd		12/17/10	26-Nov-10	NA
329	CEC	x			CUL-9	Authority to Halt Construction; Treatment of Discoveries	Submit confirmation that CRS and CR staff have stop-work authority and notification requirements.	Jessica Auch	> 30d pt gd		12/17/10	10-Dec-10	NA
332	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.	Jessica Auch	> 15d pt data recovery		01/01/11	21-Dec-10	NA
332	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM that data recovery for small site has begun.Phase II	Jessica Auch	> 15d pt data recovery		03/10/11	9-Mar-11	3/28/2011
338	CEC	x			CUL-11	Data Recovery for Large sites	Notify CPM of recovery at large sites.	AECOM	> 45d pt gd at site		12/02/10	21-Dec-10	NA
340	CEC		x		CUL-12	Surface Collection with Sampling for site CA-Riv-9073	Notify CMP of collection at CA-Riv-9072 is complete and PRIOR to CR gd in that location.	AECOM	< 7d pt gd at site		04/25/11		CEC notification on 8/05/11
341	CEC	x			CUL-12	Surface Collection with Sampling for site CA-Riv-9074	Notify CPM that collection at CA-Riv-9072 will commence.	Jessica Auch	> 15d pt data recovery		01/01/11	9-Mar-11	3/28/2011
343	CEC	x			CUL-12	Surface Collection with Sampling for site CA-Riv-9076	Submit a preliminary letter report detailing finds at CA-Riv-9072. Can be included with report for CUL-11.	Jessica Auch					
346	CEC	x	x		CUL-13	Flag and Avoid	Flag buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072.	AECOM	pt gd at site		05/01/11		N/A
347	CEC				CUL-14		DELETED	Jessica Auch					
348	CEC				CUL-15		DELETED	Jessica Auch					
349	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Submit results of Native American consultation.	Jessica Auch	> 15d pt construction		01/01/11		
350	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Notify CPM of consultation.	Jessica Auch	> 30d pt construction		12/17/10	12-Dec-10	NA
350	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Documentation that security gate/guard is in place.	Jessica Auch	pt grading		05/01/11		
351	CEC	x			CUL-16	Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources	Consult with Native American representatives regarding to the McCoy Spring National Register Archaeological District and sites CA-Riv-0523, CA-Riv-3149, CA-Riv-4569, and CA-Riv-4699	Jessica Auch	pt construction		Ongoing through CEC specialist under CUL-1	Ongoing	
352	CEC	x			CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Include in CRMMP a data recovery plan for the historic-period archaeological resources.	AECOM	pt gd		01/16/11	1-Mar-11	
353	CEC	x			CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Submit to CPM letter report that data recovery is complete.	AECOM	< 7d of data recovery completion		2/1/2011 2/11/11		Approved 2/14/11
355	CEC	x	x		CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Notify CPM that historic-period site mapping and in-field artifact analysis will commence.	AECOM	> 15d pt gd within 30m of site			17-Jan-11	
355	CEC	x	x		CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Notify CPM that historic-period site mapping and in-field artifact analysis will commence. Ph II	AECOM	> 15d pt gd within 30m of site			9-Mar-11	3/28/2011
359	CEC		x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Process Safety Management Plan.	Fluor	> 60d pt receipt of hazmat	02/18/13	03/04/13		NOT REQUIRED PER THE CEC 1/28/13
359	CEC		x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Spill Prevention, Control, and Countermeasure Plan.	Mosley	> 60d pt receipt of hazmat	02/18/13	03/04/13		Approved by the CEC on 2/12/12
361	CEC		x	x	HAZ-3	Safety Management Plan for Hazardous Material	Implement Safety Management Plan.	Operations	Ongoing				
362	CEC		x		HAZ-4	HTF pipe system isolation valves	Submit design drawings showing the number, location, and type of HTF isolation valves.	Fluor	> 30d pt const. of solar array		08/31/11		
363	CEC	x			HAZ-5	Construction Site Security Plan	Submit a Construction Security Plan Verification.	Fluor	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/10/10
368	CEC	x			NOISE-1	Resident Notification- Pre-construction	Notify residents within 2 miles of the site and 0.5 mile of linears of start of construction. (Include phone # for noise complaints)	Fluor	> 15d pt gd		01/01/11	14-Jan-11	CEC Approval 1/19/11
369	CEC		x	x	NOISE-1	Resident Notification- Pre-construction	Maintain telephone number for noise complaints until facility is operational for one year.	Fluor / Operations	1yr				
370	CEC		x		NOISE-1	Resident Notification- Pre-construction	Post telephone number for noise complaints at the site during construction, visible to passersby.	Fluor	Ongoing				
371	CEC	x			NOISE-1	Resident Notification- Pre-construction	Submit statement and documentation of compliance to CPM.	Fluor	pt gd		01/16/11	14-Jan-11	
376	CEC	x			NOISE-3	Noise Control Program	Submit a Noise Control Program and a statement of commitment.	Fluor	> 30d pt gd		12/17/10	30-Nov-10	Approved 12/20/10
380	CEC	x			Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan. Phase II	Fluor	> 30d pt site mobilization		04/02/11	Prelim 3/9/11 Draft 3/22/11	Approved 1/21/11

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380	CEC	x			Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan. PHASE I	Fluor	> 30d pt site mobilization		12/22/10	27-Dec-10	Approved 1/21/11
391	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Send notices to all owners and conduct a well reconnaissance within 2 miles of the project.	Worley Parsons				completed	
398	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor wells, seeps and springs to establish preconstruction conditions.	Worley Parsons			12/17/10	completed	
399	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit report of all pre-construction items, including calculations and assumptions.	Worley Parsons	> 30d pt construction		12/17/10		
401	CEC	x			Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a Groundwater Level Monitoring and Reporting Plan to the CPM for review and approval.	Worley Parsons	> 30d pt construction		12/17/10	3-Dec-10	Approved 12/21/10
408	CEC	x	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and the water well permit program	Fluor	> 30d pt construction of GW well		04/01/11		
409	CEC		x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit documentation that drilling was conducted in compliance with 23 CCR, sections 2510 et seq.	Gavaldon	< 15d after GW well completion		07/16/11		Locating Approval
411	CEC		x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a Well Completion Report. Concurrently, submit a copy of well drilling logs, water quality analyses, and any inspection reports.	Gavaldon	< 60d after GW well construction		08/29/11		
412	CEC	x	x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit to CPM a copy of the water well construction packet submitted to the County of Riverside.	Fluor	> 60d pt construction of GW well		03/02/11	31-Mar-11	
417	CEC	x			Soil & Water-5	Construction and Operation Water Use	Install and maintain metering devices as part of the water supply and distribution system (gpd and total). Submit compliance documentation.	Fluor	> 30d pt construction		12/17/10	31-Jan-11	
423	CEC	x			Soil & Water-8	Revised Project Drainage Report and Plans	Submit a Revised Project Drainage Report with the 30 percent Grading and Drainage Plans.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	
424	CEC		x		Soil & Water-9	Detailed FLO-2D Analysis	Submit a detailed FLO-2D analysis with the 30 percent Grading and Drainage Plans and revised Project Drainage Report.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11 Draft 3/22/11	
425	CEC		x		Soil & Water-10	Collector and Conveyance Channel Compliance with RCFCWCD	Submit two copies of the 30 percent channel design drawings.	Fluor	> 60d pt site mobilization (plant)		04/02/11	Prelim 3/9/11	
426	CEC		x		Soil & Water-11	Channel Erosion Protection	Incorporate channel erosion protection methods (except "I") in the Grading and Drainage Plans and all submittals required in SOIL&WATER-8 through SOIL&WATER-10.	Fluor	> 60d pt site mobilization (plant)		03/02/11	Prelim 3/9/11	
435	CEC	x			Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit Decommissioning Plans.	Worley Parsons	> 60d pt site mobilization		11/17/10	22-Oct-10	Approved 10/29/10
438	CEC	x			Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Submit a Water Supply Plan.	Jeff Harvey	> 30d pt GW extraction for const.		12/17/10	12/3/2010 resub. 2/1/11	Pending - Comments received 1/4/11
440	CEC	x			Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit the Ground Subsidence Monitoring and Action Plan.	Worley Parsons	> 30d pt GW extraction for const.		12/17/10	8-Dec-10	Approved 12/23/10
446	CEC	x			Soil & Water-19	Estimation of Impacts to PVMGB	Submit a report detailing results of the PVMGB underflow depletion modeling effort.	Worley Parsons	< 30d pt site mobilization		03/15/11	19-Mar-11	
447	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Groundwater Quality Monitoring and Reporting Plan > 6 weeks pt start of construction.	Worley Parsons	> 45d pt construction		12/02/10	27-Oct-10	Approved 12/21/10
449	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit a Well Monitoring Installation and Groundwater Quality Network Report.	Worley Parsons	> 30d pt construction		12/17/10	3-Dec-10	Approved 12/21/10
450	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Commence groundwater quality monitoring prior to construction.	Worley Parsons	pt construction		12/18/10		CEC Approval 12/21/10
451	CEC	x			Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Submit GW quality and level monitoring data.	Worley Parsons	> 30d pt GW extraction for const.		12/17/10	3-Dec-10	NA
452	CEC	x			TRANS-1	Traffic Control Plan	Submit copies of comment letters received from County and Caltrans and any associated changes to Traffic Plan.	Fluor	> 30d pt construction		12/17/10	16-Dec-10	NA
453	CEC	x			TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County.	Fluor	> 60d pt gd		11/18/10	11/23/2010 resubmitted 1/6/11 1/14/11	Approved 1/17/11
453	CEC	x			TRANS-1	Traffic Control Plan	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County. Phase II	Fluor	> 60d pt gd		03/02/11		
463	CEC	x			TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit photographs or video of all affected public roads, easements and ROWs.	Fluor	> 30d pt site mobilization		12/17/10	21-Dec-10	NA
464	CEC	x			TRANS-5	Restoration of Public Roads, Easements, and ROWs	Notify the County and Caltrans of schedule for construction.	Fluor	pt site mobilization		01/16/11	Completed 1/24/11	NA
469	CEC		x		TLSN-1	Compliance with Cal Pub Utility Commissions (Tline)	Submit letter signed by CA registered electrical engineer affirming the Tlines will be constructed in accordance with the stated requirements.	Fluor	> 30d pt construction of Tline		06/24/12		CEC Approval 1/16/13
476	CEC	x	x		VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Submit a Surface Treatment Plan.	Fluor	> 30d pt ordering		06/30/11		
494	CEC	x			VIS-5	Visual Mitigation and Re-vegetation of Staging Area	Meet with CPM to discuss how staging area site plan will minimize visibility from rest area.	Fluor	> 90d pt construction		10/18/10	12/28/2010 1/14/11	Approved 1.17.11
495	CEC	x			VIS-6	Reduction of Form, Line and Texture Contrast	Meet with the CPM to discuss incorporation of visual contrast reduction into the design plans.	Fluor	> 90d pt construction		10/18/10	12-Oct-10	Approved 10/25/10
497	CEC	x			WASTE-2	PE or PG - Staff Assignment	Submit resume for a PE or PG.	NextEra	> 30d pt site mobilization		12/17/10	4-Nov-10	Approved 11/30/10
500	CEC	x			WASTE-4	Construction Waste Management Plan	Submit a Construction Waste Management Plan.	Fluor	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/16/10
501	CEC	x			WASTE-5	UXO Identification, Training and Reporting Plan	Submit a UXO Identification, Training and Reporting Plan.	Tetra Tech	> 30d pt construction		12/17/10	2-Dec-10	Approved 12/21/10
515	CEC	x			Worker Safety-1	Project Construction Safety and Health Program	Submit the Construction Emergency Action Plan and the Fire Prevention Plan to Riverside County Fire Department for review and comment prior to CPM submittal.	Fluor/Tomey Pouncy	pt CPM submittal		12/03/10	completed	Approved 1/14/11
516	CEC	x			Worker Safety-1	Project Construction Safety and Health Program	Submit the Project Construction Safety and Health Program, to include Personal Protective Equipment Program; Exposure Monitoring Program; Injury and Illness Prevention Program; Heat Stress Protection Plan; Emergency Action Plan; and a Construction Fire Prevention Plan.	Fluor	> 30d pt construction		12/17/10	12/16/2010 1/13/11	Approved 1/14/11

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
519	CEC	x			Worker Safety-3	Construction Safety Supervisor - Staff Assignment	Submit name and contact information for the Construction Safety Supervisor (CSS).	Fluor	> 30d pt site mobilization		12/17/10	11/16/2010 1/11/10 1/18/11 4/4/11	CEC Approval 4/15/11
520	CEC	x	x		Worker Safety-4	Construction Safety Supervisor - Staff Assignment	CSS to include compliance documentation in Monthly Compliance Report.	Fluor	Monthly				
521	CEC	x			Worker Safety-4	CBO Payments	Submit verification of agreement with CBO for a Safety Monitor to CPM.	NextEra	> 60d pt construction		11/17/10	3-Nov-10	CEC Approval 1/19/11
522	CEC	x			Worker Safety-4	CBO Payments	Post payment to CBO for a Safety Monitor.	NextEra	TBD w CBO		01/01/11	14-Jan-11	CEC Approval 7/19/11
523	CEC		x	x	Worker Safety-5	Automatic External Defibrillator onsite	Install a portable automatic external defibrillator (AED) on site during construction and operations.	Fluor / Operations	Ongoing		05/01/11		
524	CEC	x	x	x	Worker Safety-5	Automatic External Defibrillator onsite	Conduct AED training program in accordance with CPM-approved program.	Fluor / Operations	Ongoing		05/01/11		
525	CEC	x			Worker Safety-5	Automatic External Defibrillator onsite	Submit verification that AED exists onsite and the training and maintenance program.	Fluor	> 60d pt site mobilization		11/17/10	3-Nov-10	Approved 1.14.11
526	CEC		x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit to the RCFD and CPM preliminary plans of location and details for a second access gate to the site.	Fluor	> 60d pt site mobilization (plant)		03/02/11		RCFD Approved 5/16/11
527	CEC		x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit revised and final plans for second access gate. Include letter or statement regarding comments from RCFD.	Fluor	> 30d pt site mobilization (plant)		04/01/11		
528	CEC		x		Worker Safety-6	Emergency Access Gate, Spur Road	Submit verification that all-terrain fire engines have been delivered and acceptable to RCFD. (see text for alternative measures requirements)	Fluor/McCord	> 180d pt receipt of HTF		11/03/12		CEC/RCFD Agreement to satisfy on 12/28/12
529	CEC	x			Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Submit either: agreement with the RCFD re funding for capital costs for fire protection/response OR documentation that a letter of credit has been provided to the RCFD and will continue annually.	NextEra	> 30d pt site mobilization		12/17/10	12/21/2010 1/12/11	CEC temp Approval 11/16/12
531	CEC	x			Worker Safety-8	Dust Control Plan	Submit Dust Control Plan.	Fluor w/ Tt support	> 60d pt site mobilization		11/17/10	1-Nov-10	Approved 1/13/11
539	CEC	x			GEN-2	Facility Design Submittals to CBO and CPM	Submit a schedule of facility design submittals, and master drawing and master specifications lists before submitting the initial engineering designs for CBO review.	Fluor	< 60d pt grading		11/17/10	17-Nov-10	Approved 12.20.10
542	CEC	x			GEN-4	Resident Engineer - Staff Assignment	Assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.	Fluor	> 30d pt grading		12/17/10	14-Jan-11	CEC Approved 1/19/11
543	CEC	x			GEN-4	Resident Engineer - Staff Assignment	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s).	Fluor	< 5d of approval		12/08/10	30-Dec-10	Approved 1/19/11
544	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the soils (geotechnical) engineer.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
545	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of soils (geotechnical) engineer.	Fluor	< 5d of approval		12/08/10	30-Dec-10	NA
546	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the civil engineer.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
547	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the mechanical engineer.	Fluor	> 30d pt construction		12/17/10	1-Dec-10	Approved
548	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Submit resume of the engineering geologist.	Fluor	> 30d pt grading		12/17/10	1-Dec-10	Approved
549	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of civil eng assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
550	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of mech eng assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
551	CEC	x			GEN-5	Civil Engineer or Structural Engineer - Staff Assignment	Notify CPM of CBO approval of eng. geologist assignment.	Fluor	< 5d of approval		12/08/10	21-Dec-10	NA
557	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Submit resumes of special inspector(s).	Fluor	> 15d pt activity			25-Feb-11	approved by CBO 1/25/11
566	CEC	x	x		CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Submit to the CBO: (Ph I) 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils, geotechnical, or foundation investigations reports.	Fluor	> 15d pt grading		12/22/10	23-Dec-10	Approved 1/21/11 no phasing
566	CEC	x	x		CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Submit to the CBO: (PH II) 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils, geotechnical, or foundation investigations reports.	Fluor	> 15d pt grading		04/16/11		Approved 1/21/11 no phasing
577	CEC		x		STRUC-1	CBO Submittals - Major Structure or Facility design Component, Statement of Submittal	approval of the final grading plans (including final changes) for the	McCord	> 60d pt start of construction listed GEN-2.		03/02/11		Approved by the CEC on 12/20/10
605	CEC	x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of Paleo Resource Monitors.	Tetra Tech	> 20d pt gd		04/11/11		
606	CEC	x			PAL-1	Paleontological Resource Specialist - Staff Designation	Submit resume of the Paleo Resource Specialist (PRS).	Tetra Tech	> 60d pt gd		11/17/10	2-Sep-10	Approved 10/25/10
607	CEC	x			PAL-2	PRS Submittal - Site Drawings Showing Disturbance Areas	Submit maps and drawings showing the footprint of the power plants, construction lay down areas, and all related facilities.	Fluor	> 30d pt gd		12/17/10	4-Jan-11	NA
611	CEC	x	x		PAL-2	PRS Submittal - Site Drawings Showing Disturbance Areas	Submit schedule of construction phases before work commences on affected power plants.	Fluor	pt start of const on affected power plants		05/01/11	4-Jan-11	NA
612	CEC	x	x		PAL-2	PRS Submittal - Site Drawings Showing Disturbance Areas	If the footprint of the project or its linear facilities change, provide maps and drawings reflecting those changes.	Fluor	> 15d pt gd		01/01/11	1/4/2011 3/8/11	Approved 3/17/11
614	CEC	x			PAL-3	Paleontological Resources Monitoring and Mitigation Plan	If PRS determines that paleontological materials could be impacted, PRS to submit a paleontological resources monitoring and mitigation plan (PRMMP).	Tetra Tech	> 30d pt gd		12/17/10	3-Dec-10	Approved 12/21/10

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618	CEC	x			PAL-4	Paleontological WEAP	Include paleo resources in the WEAP.	Tetra Tech	> 30d pt gd		12/17/10	14-Dec-10	Approved 1/4/2011
619	CEC	x			PAL-4	Paleontological WEAP	Submit script and final video of paleo training.	Tetra Tech	> 30d pt gd		12/17/10	14-Dec-10	Approved 1/4/2011
627	CEC	x			TSE-1	CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List)	Submit the schedule, a Master Drawing List, and a Master Specifications List.	Watson	pt construction		07/24/12		See GEN-2 Approved by CEC 12/8/10
638	CEC		x		TSE-6	CBO Submittal - TSE-5 Change Requests	Notify the CBO and the CPM of any impending changes that may not conform to requirements of TSE-5 and request approval to implement such changes pt to the construction of transmission facilities.	Watson	pt const of Tline		07/24/12		
648	CEC	x			COMPLIANCE-4	Pre-con Matrix and tasks	Submit a pre-construction matrix identifying only those conditions that must be fulfilled before the start of construction.	Tetra Tech / Fluor	pt construction		01/16/11	5-Nov-10	Locating Approval
650	CEC	x	x		COMPLIANCE-6	Monthly Compliance Report and Key Events List	Submit Monthly Compliance Reports. Include an initial list of dates for each of the events identified on the Key Events List.	Gavaldon	1st MCR		Monthly	12/7/2010 1/12/11	
653	CEC	x			COMPLIANCE-9	Complaints, Notices and Citations	Send a letter to property owners living < 1mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns.	NextEra	pt construction		01/16/11		Approved 1/19/11
33	CEC		x		AQ-10	HTF Ullage/Exp. Tanks - Carbon absorbtion system	Submit a monitoring and change-out plan for the system.	McCord	pt initial start up		08/01/12		CEC Approval
65	CEC		x		AQ-28	Elapsed Operating Time Meter - 1341 HP generators	Install a non-resettable hour meter on the unit to indicate elapsed engine operating time. Submit to District and CPM the specifications of the hour meter.	McCord	> 30d pt installation			1-Mar-12	
78	CEC		x		AQ-37	Elapsed Operating Time Meter - 315 HP fire pump engines	Install a non-resettable hour meter on this unit to indicate elapsed engine operating time. Provide the District and the CPM the specification of the hour timer.	McCord	> 30d pt installation			1-Mar-12	
359	CEC		x		HAZ-2	Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan	Submit a final Hazardous Materials Business Plan.	McCord	> 60d pt receipt of hazmat	02/22/13	03/08/13	3/08/13 CEC #2013-014 /walked in to the County by J.Wellman on 3/11/13 #2013-015	Waiting on Approval from county and CEC
360	CEC		x		HAZ-3	Safety Management Plan for Hazardous Material	Submit a Safety Management Plan.	McCord	> 60d pt receipt of hazmat	02/22/13	03/08/13	3/08/13 to the CEC # 2013-013	Waiting on Approval from the CEC
365	CEC		x		HAZ-6	Operations Site Security Plan	Submit a Operations Site Security Plan.	McCord	> 30d pt receipt of hazmat	03/20/13	04/03/13		Approved conditionally with signatures on Appendices A,B, and C.
367	CEC		x		Public Health-1	Cooling Water Management Plan	Submit a Cooling Water Management Plan.	McCord	> 60d pt cooling tower operation			3/15/13 CL # 2013-016	Awaiting Approval from the CEC
432	CEC		x		Soil & Water-13	Channel Maintenance Program	Submit two copies a Channel Maintenance Program.	Gavaldon	> 60d pt start of project related activity		03/02/11		Working with CEC to revise and finalize CMP
434	CEC	x			Soil & Water-13	Channel Maintenance Program	Submit written commitment to adopt and implement the Program.	McCord	> 60d pt start of project related activity		03/02/11		Working with CEC to revise and finalize CMP
585	CEC		x		STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Submit to the CBO final design plans for tanks or vessels.	McCord	> 30d pt installation				Submitted to the CBO
637	CEC		x		TSE-5	CBO Submittal - Tline Design Drawings, Specs and Calca	Submit to the CBO : a) Design drawings for the poles/towers, foundations, anchor bolts, conductors, grounding systems, and major switchyard equipment; b) design criteria, a discussion of the calculation method(s), a sample calculation based on "worst case conditions" and a statement by the engineer that the Tline element(s) will conform with specified codes and standards. c) Electrical one-line diagrams signed and sealed by the electrical engineer, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 d) The Special Protection System (SPS) sequencing and timing if applicable shall be provided concurrently to the CPM. e) A letter stating that the mitigation measures or projects selected by the transmission owners for each reliability criteria violation, for which the project is responsible, are acceptable, f) The final Phase II Interconnection Study, g) A copy of the executed LGIA signed by the California ISO and the project owner.	Watson	pt const of Tline		07/24/12		Submitted to the CBO
632	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Submit to the CBO the final design plans, etc for the power plant switchyard, and outlet line and termination, include statement from the electrical engineer verifying compliance with all applicable LORS.	McCord	pt start of each increment of construction				
35	CEC		x		AQ-11	HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan	Submit an HTF Ullage/Exp. Tanks vent release Inspection, Maintenance and Monitoring Plan.	Operations	> 30d pt taking delivery of the HTF	03/20/13	04/03/13		
36	CEC		x		AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Establish an HTF Piping and Exp Tank Inspection and Maintenance Program. Provide documentation to District staff upon request.	Operations	> 30d pt taking delivery of the HTF	03/19/13	04/02/13		
38	CEC		x		AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit to CPM an HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan for review.	Operations	> 30d pt taking delivery of the HTF	03/15/13	04/02/13		

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41	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Notify District prior to testing.	Operations	10d prior to test	04/10/13	04/15/13		
42	CEC		x		AQ-13	HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting	Provide a written test plan for District review and approval.	Operations	30d prior to test	03/12/13	03/26/13		
517	CEC		x	x	Worker Safety-2	Project Operations Safety and Health Program	Submit a Project Operations and Maintenance Safety and Health Program to include: Injury and Illness Prevention Plan; Operation Heat Stress Protection Plan; BMPs for the storage and application of herbicides; Emergency Action Plan; Hazardous Materials Management Program; Fire Prevention Plan; and Personal Protective Equipment Program.	Mosley	> 30d pt first fire or commissioning				Submit BMP's for herbicide storage and application for full approval
518	CEC		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				
594	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM.	McCord	> 30d pt installation				Request for Phases
596	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation.	McCord	upon installation				Request for Phases
597	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code.	BV	Ongoing				Request for Phases
85	CEC		x	x	AQ-42	Gas tank and pump - toll free number	Post the required toll-free number on the equipment.	Gavaldon	Ongoing				
88	CEC		x	x	AQ-44	Gas tank and pump - piping or vapor recovery modifications	Submit any modification to the piping or control fitting of the vapor recovery system for review and approval.	McCord	Ongoing				
89	CEC		x	x	AQ-45	Gas tank and pump - Vapor vent piping	Equip the vapor vent pipes with Husky 5885 pressure relief valves or as otherwise allowed by EO.	McCord	Ongoing				
91	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Submit results of pressure checks.	Operations	< 30d after test				
92	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests within 60 days of construction completion. Document test data on a Form similar to EO VR-401-A Form 1	McCord/Air Subcontractor	Annually				
93	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Make test results available to CPM upon request.	Operations	Ongoing				
94	CEC		x		AQ-46	Gas tank and pump - initial and annual testing	Notify District pt testing. (initial and annual)	Gavaldon	> 10d prior to test				
95	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Submit passing test reports to District.	Operations	< 6w pt expiration of permit				
96	CEC		x	x	AQ-47	Gas tank and pump - aboveground tank and vapor recovery system compliance	Install and maintain aboveground storage tank and vapor recovery system in compliance with California Health and Safety Code.	Construction	Ongoing				
90	CEC			x	AQ-46	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests annually. Document test data on a Form similar to EO VR-401-A Form 1	Operations	< 60d after construction completion		08/29/14		
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCM monthly reporting -	Implement Dust Control BMPs	Ameson			01/17/11		
6	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCM monthly reporting -	Stabilize all disturbed areas after construction activities.	Ameson	Construction Completion		07/01/14		
7	CEC		x		AQ-SC4	Dust Plume Response Requirement		Ameson			01/17/11		
8	CEC		x		AQ-SC4	Dust Plume Response Requirement	Monitor all construction activities for visible dust plumes. If plumes observed, implement mitigation as specified.	Ameson	Ongoing				
10	CEC			x	AQ-SC5	Diesel engine emissions - monitoring and reporting	AQCM 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)	Ameson	Ongoing		Monthly	Ongoing	
11	CEC			x	AQ-SC6	Fleet Plan for operations vehicles	Update Fleet Plan every other year. Submit the Fleet Plan with Annual Report.	Operations	Bi-Annually		Annual		
14	CEC			x	AQ-SC7	Dust Control Plan - Operations	Implement all requirements of the Operations Dust Control Plan	Operations	Ongoing				
16	CEC	x	x	x	AQ-SC8	Air permit submittals	Submit all modified or revised ATC/PTO documents and all federal air permits.	Gavaldon	< 15d of receipt			02/11/13 renewed	
18	CEC			x	AQ-1	Equipment Operation, Application Requirements - NG boilers	Operate NG boilers in compliance with all data and specifications submitted with application.	Operations	Ongoing				
19	CEC			x	AQ-2	Equipment fuel Use, Manufacturer Specifications - NG boilers	Fuel equipment only with NG. Operate and maintain in accordance with manufacturer recommendations.	Operations	Ongoing				
20	CEC			x	AQ-3	Emissions limits, reporting - NG boilers	Emissions shall not exceed the following hourly emission limits (see full text)	Operations	Ongoing				
21	CEC			x	AQ-3	Emissions limits, reporting - NG boilers	Submit emissions compliance documentation in Annual Compliance Report.	Operations	Annually				
22	CEC			x	AQ-4	Maintenance and Operations Log - NG boilers	Maintain an operations log on-site and current for a minimum of five (5) years.	Operations	Ongoing, 5 yrs				
23	CEC			x	AQ-4	Maintenance and Operations Log - NG boilers	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing				
24	CEC			x	AQ-6	Initial MDAQMD Compliance Test - NG boilers	Submit test results within 180 days of initial start up.	Operations	< 180d after initial start up	11/29/13	01/28/14		
26	CEC			x	AQ-7	Annual MDAQMD Compliance Test - NG boilers	Perform annual MDAQMD compliance tests.	Operations	Annually				
27	CEC			x	AQ-7	Annual MDAQMD Compliance Test - NG boilers	Submit results report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit				
28	CEC			x	AQ-9	HTF Ullage/Exp. Tanks - HTF storage	Ullage tanks - This system shall store only HTF.	Operations	Ongoing				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
29	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption system	Monitor VOC output, sample weekly. Calibrate FID on day of use. Maintain log of weekly sampling results and keep log onsite. Provide sampling log to District upon request.	Operations	Weekly				
30	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption system	Operate ullage tanks system with the carbon adsorption system. [VOC and Benzene emissions cap, see full text]	Operations	Ongoing				
31	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption system	Submit compliance documentation in Annual Compliance Report.	Operations	Annually				
32	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption system	Submit a yearly summary report of all VOC emissions.	Operations	Jan-31 Annually				
34	CEC			x	AQ-10	HTF Ullage/Exp. Tanks - Carbon absorption system	Submit initial test results within 180 days after startup.	Operations	< 180d after initial start up		04/30/14		
37	CEC			x	AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing				
39	CEC			x	AQ-12	HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan	Submit volume of HTF removed and added in Annual Report.	Operations	Annually				
44	CEC			x	AQ-14	HTF Ullage/Exp. Tanks - Initial MDAQMD Compliance Testing and Reporting	Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test report.	Operations	< 180d after initial start up		04/30/14		
45	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing				
46	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Perform annual compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual.	Operations	Annually				
47	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Submit test results and report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit				
48	CEC			x	AQ-15	HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting	Retain all annual test records for 5 yrs.	Operations	Ongoing, 5 yrs				
49	CEC			x	AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Include Ullage/tank emission rate caps compliance documentation in Annual Report.	Operations	Annually				
50	CEC			x	AQ-16	HTF Ullage/Exp. Tanks - Emission rate caps	Maintain emission rates below specified volumes.	Operations	Ongoing				
51	CEC		x	x	AQ-17	HTF Ullage/Exp. Tanks - Regulated Substances	Submit a Compliance Plan of the toxic or hazardous substances if current non-criteria substances in the HTF become regulated as toxic or hazardous substances.	Operations	Ongoing	IF/THEN			
52	CEC			x	AQ-18	Equipment Operation, Application Requirements - Cooling Towers	Operate cooling towers in compliance with all data and specifications submitted in application.	Operations	Ongoing				
53	CEC			x	AQ-19	Equipment Operation Manufacturer Specifications - Cooling Towers	Operate cooling towers in compliance with all manufacturer specifications.	Operations	Ongoing				
54	CEC			x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Comply with drift rate emissions cap (see full text).	Operations	Ongoing				
56	CEC			x	AQ-20	Drift Eliminator Monitoring and Reporting - Cooling Towers	Submit compliance documentation on operating emission rates with Annual Report.	Operations	Annually				
58	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	Submit compliance documentation with Annual Report.	Operations	Annually				
59	CEC			x	AQ-23	Operating Time Restrictions - Cooling Towers	Do not operated for more than 3,200 hours per rolling twelve month period and more than 15 hours per calendar day.	Operations	Ongoing				
60	CEC			x	AQ-24	Maintenance and Operation Log - Cooling Tower	Maintain operations log onsite for 5 years.	Operations	Ongoing				
61	CEC			x	AQ-24	Maintenance and Operation Log - Cooling Tower	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing				
62	CEC			x	AQ-25	Drift Eliminator Maintenance Procedures	Make available compliance documentation for inspection by representatives of the District, ARB, and the Energy Commission	Operations	Ongoing				
63	CEC			x	AQ-26	Equipment Operation Manufacturer Specifications - 341HP generators	Operate generators in compliance with all manufacturer specifications.	Operations	Ongoing				
64	CEC			x	AQ-27	Fuel Restrictions - 341 HP generators	Use only ultra-low sulfur diesel fuel. Retain fuel purchase records.	Operations	Ongoing				
66	CEC			x	AQ-29	Operating Time Restrictions - 341 HP generators	Use limited to emergency power. Operate no more than 50hr/yr for testing and maintenance.	Operations	Ongoing				
67	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Maintain a operations log for a minimum of two years.	Operations	Ongoing 2 yrs after start of operations				
68	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Make records available to the District for three years.	Operations	Ongoing 3 yrs after start of operations				
69	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Submit compliance documentation in Annual Report.	Operations	Annually				
70	CEC			x	AQ-30	Operations and Maintenance log - 341 HP generators	Make site and records available for inspection by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing				
71	CEC			x	AQ-31	Voluntary Power Outage Use - 341 HP generators	Do not use generators during a voluntary power outage or reduction.	Operations	Ongoing				
72	CEC			x	AQ-32	Involuntary Power Outage Use - 341 HP generators	Operate generators <30 minutes pt ordered outage. Shut down immediately after advised that the outage is no longer imminent or in effect.	Operations	Ongoing				
73	CEC			x	AQ-33	ATCM Compliance - 341 HP generators	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing				
75	CEC			x	AQ-34	NSPS Compliance -341 HP generators	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Operations	Ongoing				
76	CEC			x	AQ-35	Equipment Specification Compliance - 315 HP fire pump engines	Install, operate and maintain equipment in accordance with manufacture recommendations and with all data and specifications submitted with permit application.		Site Available				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
77	CEC			x	AQ-36	Fuel Restrictions - 315 HP fire pump engines	Use only ultra-low sulfur diesel fuel for equipment.	Operations	Ongoing				
79	CEC			x	AQ-38	Operating time restrictions - 315 HP fire pump engines	Limit use for emergency power. Operate < 50hrs/yr for testing.	Operations	Ongoing				
81	CEC			x	AQ-39	Operations and Maintenance log - 315 HP fire pump engines	Submit compliance documentation in Annual Report.	Operations	Annually				
82	CEC			x	AQ-40	ATCM Compliance - 315 HP fire pump engines	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing				
83	CEC			x	AQ-41	NSPS Compliance - 315 HP fire pump engines	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Operations	Ongoing				
97	CEC			x	AQ-48	Gas tank and pumps - certified technician	Maintenance and repair of system components shall be performed by OPW Certified Technicians.	Operations	Ongoing				
98	CEC			x	AQ-49	Gas tank and pumps - maintenance intervals	Maintenance Intervals shall be conducted by an OPW trained technician annually.	Operations	Annually				
100	CEC			x	AQ-51	Gas tank and pumps - EVR phase I and II	Maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-A, and Phase II vapor recovery in accordance with G-70-116-F.	Operations	Ongoing				
103	CEC			x	BIO-2	Designated Biologist - responsibilities	Des Bio to submit bio compliance documentation through operations, unless approved by the CPM.	German	Annually				
105	CEC			x	BIO-2	Designated Biologist - responsibilities	Submit BRMIMP compliance summary reports in Annual Compliance Report. Des Bio Const: Advise Construction and Operation Managers on bio resources and COCs; Train Bio Monitors on BRMIMP, WEAP and USFWS guidelines for tortoise. Oversee monitoring for sensitive bio resources Inspect areas of active construction at beginning and end of day for trapped animals. Inspect areas of high traffic activity for animals in harm's way; Notify Owner and CPM of any NCRs Communicate directly with CDFG, USFWS, and CEC, responding to inquiries Submit BRMIMP compliance summary reports in Monthly Compliance Report. Submit BRMIMP compliance summary reports in Annual Compliance Report.	German	Ongoing				
107	CEC		x		BIO-3	Biological Monitors - Staff assignment	Submit information on additional bio monitors, if needed	Gavaldon	> 10d pt monitoring activity				
108	CEC			x	BIO-4	Biological Monitors - responsibilities	Employ a Bio Mon during operations if any action could affect a sensitive bio resource.	AECOM	Ongoing				
111	CEC		x		BIO-4	Biological Monitors - responsibilities	Bio Mons assist DB with surveys and monitoring disturbance activities.	Guigliano	Ongoing				
112	CEC		x	x	BIO-5	Designated Biologist and Biological Monitor Authority	Des Bio to notify agencies if there a stop work order.	German	Ongoing				
114	CEC			x	BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct training annually for perm. Employees and within one week of arrival for new staff.	Operations	Annually				
116	CEC		x	x	BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct WEAP training to all onsite personnel within one week of arrival. Employees must sign a completion form and display a hardhat sticker. Keep all training forms on site.	Mann	Ongoing				
119	CEC	x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit the revised or supplemented BRMIMP.	German	< 10d of receipt of addl permits				
122	CEC			x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Construction disturbance verification - submit post-construction aerial images of the project site .	Holt	< 90d after construction completion	09/07/14	09/28/14		
123	CEC	x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit any outstanding permits within 5 days of receipt and revise BRMIMP accordingly.	Gavaldon	< 5d of receipt				
127	CEC		x	x	BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit to the CPM a Construction Termination Report.	German	< 30d after construction completion		07/31/14		
129	CEC				BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Annual Compliance Report.	AECOM	Annually				
134	CEC		x		BIO-8	Impact Avoidance and Minimization Measures	If activities btwn Feb15 to Apr15 may result in noise >65 dBA in bird nesting habitat, submit nest survey results (as described in 9a).	German	< 7d before noisy construction				
138	CEC			x	BIO-9	Desert Tortoise Clearance Surveys and Fencing	Inspect temporary fencing weekly and, where drainages intersect the fencing, during and within 24 hours following major rainfall events. Repair fence immediately. If damage could have allowed tortoise entry, Des Bio must inspect area for animal presence.	German	< 24hr following rain event				
139	CEC			x	BIO-9	Desert Tortoise Clearance Surveys and Fencing	Inspect permanent fencing monthly, during and within 24 hours following all major rainfall events (flow is detectable within the fenced drainage). Repair fence immediately, with permanent repairs completed within 48 hrs.	German	< 48hrs following rain event				
141	CEC	x			BIO-9	Desert Tortoise Clearance Surveys and Fencing	Design security gates with minimal ground clearance to deter ingress by tortoises.	McCord					
141	CEC			x	BIO-9	Desert Tortoise Clearance Surveys and Fencing	Clear plant site of Tortoise following construction of permanent fence. Search and collapse all unoccupied burrows. Excavate all occupied burrows. Relocate and monitor in accordance with Translocation Plan.	German	following const of permanent fence		04/15/11		
142	CEC	x	x		BIO-10	Desert Tortoise Translocation Plan	Submit a Translocation Plan status report following translocation of a DT.	German	< 30d after initiation of relocation				
144	CEC			x	BIO-11	Desert Tortoise Compliance Verification	Des Bio must be onsite daily during ground-disturbing construction activities located beyond permanent fencing.	AECOM	Ongoing				
145	CEC			x	BIO-11	Desert Tortoise Compliance Verification	Provide agencies with reasonable access to the Project site and compensation lands.	NextEra	Ongoing				

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147	CEC		x		BIO-11	Desert Tortoise Compliance Verification	Des. Bio to conduct compliance inspections at least once per month after grading is completed.	German	Monthly		Monthly		
149	CEC	x	x		BIO-11	Desert Tortoise Compliance Verification	DesBio - Notify agencies immediately of any injured or dead listed species. Follow up with written notification within 2 days.	German	< 2d of discovery				
150	CEC		x		BIO-11	Desert Tortoise Compliance Verification	Notify the CPM immediately of any NCR.	AECOM	upon discovery				
155	CEC			x	BIO-12	Desert Tortoise Compensatory Mitigation	Provide to agencies a total disturbance acreage, including B/A aerial photography.	McCord	< 90d after completion of gd		09/28/14		
167	CEC			x	BIO-13	Raven Management Plan	Include the status of the Raven Management Plan implementation in Jan 31 report during operations.	AECOM	Jan-31 Annually				
168	CEC		x	x	BIO-13	Raven Management Plan	Implement the approved Raven Management Plan.	AECOM	Ongoing				
172	CEC			x	BIO-14	Weed Management Plan	Submit a status report of Weed Management Plan implementation in Jan 31 report during operation.	Alice Karl	Jan-31 Annually				
173	CEC			x	BIO-15	Pre-construction Nest Surveys and Avoidance Measures	Submit summary report of nest buffer zones in Jan 31 report during operations.	German	Jan-31 Annually				
181	CEC		x	x	BIO-16	Avian Protection Plan.	Report project-related bird deaths or injuries to agencies.	AECOM	Ongoing				
182	CEC			x	BIO-16	Avian Protection Plan.	Continue quarterly and annual reporting on APP until agencies determine not necessary.	AECOM	Ongoing, Quarterly and annually				
183	CEC			x	BIO-16	Avian Protection Plan.	Submit report of study design and results after two years of data collection.	AECOM	< 3yr after start of operation		10/15/16		
184	CEC			x	BIO-16	Avian Protection Plan.	Submit quarterly monitoring reports of APP status. Follow up with an annual report (Jan 31).	AECOM	Jan-31 Annually				
188	CEC			x	BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit results of monitoring and management of compensation lands.	AECOM	Jan-31 Annually for first 5yrs of operations				
204	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Submit Security adequate for long-term implementation and monitoring of the Habitat Enhancement / Restoration Plan.	Alice Karl					
208	CEC	x	x	x	BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Notify agencies immediately if a State- or Federal-Listed Species, or BLM Sensitive Species is identified at any time during the life of the Project.	Alice Karl					
218	CEC		x	x	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Select, install and maintain ECDs such that special-status plants are not directly or indirectly affected (seed mixes, hay, runoff).	Alice Karl	Ongoing				
223	CEC		x	x (closure)	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Designated Botanist: monitor disturbance activities weekly.	Alice Karl	Weekly		01/17/11	Submitted in monthly report	
224	CEC	x			BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Incorporate site design modifications to minimize impacts to special-status plants along the Project linears.	McCord					
225	CEC			x	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Des Bio: Protect special-status plant species within 100ft of Project Boundaries during operations.	German	Ongoing, this task is in the daily and weekly DB reports. Included in the monthly compliance reports.				
226	CEC		x	x	BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Maintain a 100-ft buffer around ESAs. (vehicles, wash stations, storage, equipment, etc)	German	Ongoing				
227	CEC		x		BIO-19-A	Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation	Protect special-status plants within 100ft of site boundaries from drift of herbicides and stabilizer.	Alice Karl	Ongoing, Re-vegetation efforts to begin middle of October.				
238	CEC			x	BIO-20	Sand Dunes / Mojave Fringe-Toed Lizard Mitigation	Submit final accounting of MFTL habitat disturbed during construction within 90d of construction completion.	AECOM	< 90d after start of operation		01/29/14		
243	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Report any dead wildlife to Des Bio <24hrs. Des Bio must report to agencies ,48hrs.	German	< 1d of detection, all dead wildlife has been reported				
244	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	If no entanglements are detected after 12 months, continue to monitor quarterly.	AECOM	quarterly			Quarterly	
245	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Submit quarterly reports to agencies for first year of operation. Thereafter, submit reports annually.	AECOM	quarterly			Quarterly	
246	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).	AECOM	biannually				
247	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Submit annual reports no later than January 31 of each year.	AECOM	Jan-31 Annually				
248	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Netting cannot touch the water in evap ponds.	Operations	Ongoing				
249	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Consult with agency regarding removal of injured wildlife in evap ponds.	AECOM	Ongoing				
252	CEC			x	BIO-21	Evaporation Pond Netting and Monitoring	Des Bio or Monitor must inspect netting monthly during operation.	German	monthly		Monthly		
256	CEC		x	x	BIO-22	Mitigation for Impacts to State Waters	Provide a copy of Condition of Certification BIO-22 to all on-site personnel (detailing Stop Work Authorities).	Mann	Ongoing, part of the WEAP training				
258	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Annual Compliance Reports.	Operations	Annually		Annual		
259	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Submit a final accounting of disturbance to jurisdictional waters during construction.	AECOM	< 90d after start of operation		06/29/14		
264	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Submit a report of monitoring and management of compensation lands.	Operations	Jan-31 Annually				
266	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Operations	Annually				
268	CEC	x	x		BIO-22	Mitigation for Impacts to State Waters	Notify agencies of any change of conditions to the Project (site conditions, impacts, mitigation).	AECOM	< 7d upon discovery				

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269	CEC			x	BIO-22	Mitigation for Impacts to State Waters	Include a copy of the notifying change of conditions report in the annual reports.	Operations	Annually				
271	CEC			x	BIO-23	Decommissioning and Closure Plan	Revise and submit Decommissioning and Closure Plan every 5yrs during operations.	Operations	every 5yrs				
272	CEC			x	BIO-23	Decommissioning and Closure Plan	Implement a final Decommissioning and Closure Plan.	Operations	Project closure				
274	CEC		x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Submit status report of Reveg Plan yearly.	Alice Karl	Jan-31 Annually				
275	CEC		x	x	BIO-24	Revegetation of Temporarily Disturbed Areas	Implement Revegetation Plan.	Alice Karl	Ongoing				
277	CEC			x	BIO-24	Revegetation of Temporarily Disturbed Areas	Provide compliance documentation and status of completion of the Reveg Plan.	Alice Karl	< 30d after construction completion		07/30/14		
278	CEC				BIO-25		DELETED						
279	CEC				BIO-26		DELETED						
283	CEC		x	x	BIO-27	Couch's Spadefoot Toad Impact Avoidance and Minimization Measures	Implement a CST Protection and Mitigation Plan.	AECOM	Ongoing				
284	CEC		x		BIO-28	Golden Eagle Inventory and Monitoring	If a nest is found, notify agencies submit final Golden Eagle Monitoring and Management Plan.	AECOM	< 30d after detection				
285	CEC		x		BIO-28	Golden Eagle Inventory and Monitoring	Survey for golden eagle annually during construction.	AECOM	Annually				
294	CEC	x	x		CUL-3	Cultural Resources Personnel	Submit resume of CRS replacement (if necessary).	AECOM	10d pt CRS departure				N/A
296	CEC	x	x		CUL-3	Cultural Resources Personnel	CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities.	Tennyson	Ongoing				
298	CEC	x	x		CUL-3	Cultural Resources Personnel	Submit letter with names and quals of additional CR Monitors.	Tennyson	5d pt arrival on site		as needed	30-Mar-11	
302	CEC		x		CUL-4	Project Documents for Cultural Resources Personnel	If phased construction schedule changes, submit notice of change.	Gavaldon	< 5d of decision				
306	CEC		x		CUL-4	Project Documents for Cultural Resources Personnel	Submit weekly schedule and location of activities to CRS and CPM during ground disturbance.	AECOM	Weekly		01/17/11		
310	CEC		x		CUL-6	Cultural Resources Report	Submit a draft CR Report (CRR) if requesting suspension of construction (if necessary). Retain a copy of the draft CRR onsite.	Gavaldon	> 30d after request to suspend construction				
311	CEC		x		CUL-6	Cultural Resources Report	Submit documentation of CRR distribution to parties.	AECOM	< 10d of CRR approval				
312	CEC			x	CUL-6	Cultural Resources Report	Submit the final CRR.	AECOM	< 180d after completion of gd		12/28/14		
316	CEC		x		CUL-7	Worker Environmental Awareness Program	Conduct WEAP training for all new workers prior to and during gd (including landscaping)	Mann	Ongoing				
318	CEC	x	x		CUL-8	Construction Monitoring Program	Submit statement daily during gd if "no cultural resources over 50 years of age were discovered".	AECOM	daily		01/17/11	Ongoing	
320	CEC		x		CUL-8	Construction Monitoring Program	Submit a summary report of CR-related monitoring and any new DPR 523A forms as part of the monthly compliance report.	AECOM	Monthly		Monthly	1-Apr-11	
321	CEC		x		CUL-8	Construction Monitoring Program	Submit justification for reduction or cessation of CRS daily reporting.	AECOM	< 24hrs pt change of reporting			8-Mar-11	3/28/2011
322	CEC		x		CUL-8	Construction Monitoring Program	CR Staff to monitor and maintain daily log on provided forms for all gd activity until the Qoaf alluvium is reached. (including roads)	AECOM	daily				
323	CEC		x		CUL-8	Construction Monitoring Program	Notify CPM of NCRs w/in 24 hrs, recommend corrective action.	AECOM	< 24hr of discovery				
324	CEC	x	x		CUL-8	Construction Monitoring Program	Submit a copy of any Native American employment request and a copy of a response letter.	AECOM	< 15d of receipt		02/10/11	8-Feb-11	Approved 3/2/2011
327	CEC	x	x		CUL-8	Construction Monitoring Program	Submit documentation of transmittals to Native American representatives following discovery of cultural material.	AECOM	< 30d upon discovery				
328	CEC	x	x		CUL-8	Construction Monitoring Program	Submit "discovery" responses from tribes.	AECOM	< 15d of receipt				
330	CEC	x	x		CUL-9	Authority to Halt Construction; Treatment of Discoveries	If cultural material is found, notify agencies (<24 hrs), Tribes (48hrs, as appropriate); submit a DPR 523 form; treat find in accordance with CRMMP.	Tennyson	< 24hr of discovery			Ongoing notification	
331	CEC		x		CUL-10	WEAP - Cultural Considerations	Implement CRMMP when within 30meters of these sites.	AECOM	Ongoing				
334	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete.	AECOM	< 1w of data recovery completion			1-Feb-11	
334	CEC	x			CUL-10	WEAP - Cultural Considerations	Notify CPM when data recovery is complete. Phase II	AECOM	< 1w of data recovery completion		03/30/11		
335	CEC		x		CUL-11	Data Recovery for Large sites	Submit letter report of data recovery.	AECOM	< 1w of data recovery completion				
335	CEC		x		CUL-11	Data Recovery for Large sites	Submit letter report of data recovery. Phase II	AECOM	< 1w of data recovery completion		03/30/11		
336	CEC		x	x	CUL-11	Data Recovery for Large sites	Submit to CPM any draft research paper to be presented at a professional organization.	AECOM	> 15d pt presentation				
345	CEC	x	x		CUL-13	Flag and Avoid	CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072: avoid impacts to these sites.	AECOM	pt gd within 30m of site		01/16/11		
354	CEC	x	x		CUL-17	Historic Period Site Mapping and In-Field Artifact Analysis	Implement CRMMP within 30 meters of these sites.	AECOM	Ongoing				
356	CEC		x		CUL-18	Compliance with BLN Programmatic Agreement	Comply with BLM Programmatic Agreement.	AECOM	Ongoing				
357	CEC		x	x	HAZ-1	Hazardous Materials list of approved substances	Do not use hazmats not listed, or in quantities listed in App A.	Operations	Ongoing				
358	CEC			x	HAZ-1	Hazardous Materials list of approved substances	Submit a list of haz mats contained at the facility in the Annual Compliance Report.	Operations	Annually				
364	CEC			x	HAZ-6	Operations Site Security Plan	Submit statement confirming all employee background checks are complete and appended to Security Plan as part of the Annual Compliance Report.	Operations	Annually				
366	CEC			x	HAZ-6	Operations Site Security Plan	Submit verification Security Plan includes all current hazmat transport vendor certifications as part of the Annual Compliance Report.	Operations	Annually				
372	CEC		x	x	NOISE-2	Noise Complaint Process	Document, investigate, evaluate, and attempt to resolve all project-related noise complaints.	Gavaldon	Ongoing				
373	CEC		x	x	NOISE-2	Noise Complaint Process	Contact individual making complaint.	Gavaldon	< 24hr of receipt				

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
374	CEC		x	x	NOISE-2	Noise Complaint Process	Submit the Noise Complaint Resolution Form.	Gavaldon	< 5d of receipt				
375	CEC		x	x	NOISE-3	Noise Control Program	Make the Program available to OSHA upon request.	Gavaldon	Ongoing				
377	CEC			x	NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	Operations	following first sustained output of 90%				
378	CEC			x	NOISE-4	Occupational Noise Survey	Make the report available to OSHA and Cal/OSHA upon request.	Operations	Ongoing				
379	CEC			x	NOISE-4	Occupational Noise Survey	Submit report of survey findings.	Operations	< 30d after test				
382	CEC			x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit results of monitoring and maintenance activities in Annual Compliance Report.	Operations	Annually				
383	CEC		x	x	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Update and maintain the DESCP for the life of the Project.	Operations	Ongoing				
385	CEC	x	x		Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CVGB within 10 miles of the site. Update trend plots and statistical analyses, as data is available.	Worley Parsons	Ongoing				
386	CEC		x		Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water from wells, seeps and springs quarterly and at the end of the construction. Submit report on water samples, including all calculations and assumptions quarterly.	Worley Parsons	< 30d following quarter end		04/30/11		
387	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit documentation of monetary compensation to well owners.	NextEra	< 30d of payment				
388	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If GW levels are lowered >5ft due to Project pumping, provide compensation or mitigation to well owners.	NextEra	Ongoing				
389	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Monitor quarterly operational parameters (i.e., pumping rate) of the water supply wells.	Worley Parsons	quarterly				
390	CEC			x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit a 5 year monitoring report.	Operations	5ys after start of operation				
392	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Fourth quarterly report serves as annual report. Include trend analysis. Determine where pumping has caused drawdown >5ft below baseline.	Worley Parsons	Jan-31 Annually				
393	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If required, compensate landowners by March 31.	NextEra	Mar-31 Annually				
394	CEC		x		Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Notify owners within one month of CPM approving compensation analysis.	Worley Parsons	< 1m CPM approval of comp. analysis				
395	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	If GW levels are lowered and pumps exposed, reimburse well owner to lower pumps. If pumps cannot be lowered, deepen the well(s) or construct new ones.	NextEra	Ongoing				
396	CEC		x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Collect water level measurements semi-annually after the first year.	Worley Parsons	semi-annually after first yr of monitoring		01/17/12		
397	CEC	x	x	x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Submit monitoring reports, complaints, studies and data.	Worley Parsons	< 10d of receipt				
400	CEC			x	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	CPM to evaluate GW level monitoring program for necessity or modification every 5 years.	CPM	5yrs				
402	CEC		x		Soil & Water-3	Groundwater Well Impact Compensation	Notify all owners of the impacted wells within one month of the CPM approval of the compensation analysis for increase energy costs.	Worley Parsons	< 1m CPM approval of comp. analysis				
403	CEC		x		Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation agreement letters signed by the well owners, and contact information for landowners that do not agree with calculations.	Worley Parsons	Ongoing				
404	CEC		x		Soil & Water-3	Groundwater Well Impact Compensation	Submit all documentation and calculations r.e. compensation for energy costs associated with additional lift requirements.	Worley Parsons	< 30d after approval				
405	CEC		x	x	Soil & Water-3	Groundwater Well Impact Compensation	Provide compensation by March 31 of each year. (one time for lump sum payments).	NextEra	Mar-31 Annually				
406	CEC		x	x	Soil & Water-3	Groundwater Well Impact Compensation	Submit a report of compensation provided for increased energy costs.	NextEra	< 30d of payment				
407	CEC		x	x	Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit to CPM two copies of all operational reports required by the County of Riverside and any changes to operations of well.	Operations	Ongoing				
410	CEC		x		Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit two copies of any proposed well permit changes.	McCord	< 10d of submittal or receipt				
413	CEC		x		Soil & Water-5	Construction and Operation Water Use	Submit a semi-annual report of construction water use.	Gavaldon	semi-annually		06/30/11		
414	CEC		x	x	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (g/month and total).	Operations	Annually				
415	CEC		x		Soil & Water-5	Construction and Operation Water Use	GW use during construction must not exceed an annual average of 1,368 afy.	Gavaldon	Ongoing				
416	CEC			x	Soil & Water-5	Construction and Operation Water Use	GW use during operations must not exceed 202 afy	Operations	Ongoing				
419	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit annual waste discharge permit fee associated with this facility to the Water Boards	Worley Parsons					
419	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit (for rev and approve) any change to the design, construction, or operation of the evaporation basins, treatment units, or associated storm water system pt initiating changes.	Worley Parsons	pt initiating changes				
420	CEC		x	x	Soil & Water-6	Waste Discharge Requirements	Submit all monitoring reports required by the WDRs and details of any nonconformance.	Worley Parsons	Ongoing				
421	CEC			x	Soil & Water-7	Septic System and Leach Field Reqs	Comply with County and State regs for sanitary waste disposal facilities.	Operations	Ongoing				
428	CEC			x	Soil & Water-12	Non-Transient Non-Community Water System	Designate a CA Cert'd Water Treatment Plant Operator as well as the technical, managerial and financial requirements as prescribed by State law.	Operations					
429	CEC			x	Soil & Water-12	Non-Transient Non-Community Water System	Submit updates annually for all monitoring requirements and submittals to County related to the permit, and proof of annual renewal of the operating permit.	Operations	Annually				
430	CEC		x	x	Soil & Water-13	Channel Maintenance Program	Supervise the implementation of a Channel Maintenance Program.	Operations	Ongoing				
431	CEC		x		Soil & Water-13	Channel Maintenance Program	Ensure the Project Construction Manager receive training on the Channel Maintenance Program.	McCord	Ongoing				
433	CEC			x	Soil & Water-13	Channel Maintenance Program	Submit a Channel Maintenance Program Annual Report, Channel Maintenance Work Plan, and Lessons Learned with the Annual Compliance Report.	Operations	Annually				
436	CEC			x	Soil & Water-14	Decommissioning and Closure Plan - Water and Wind Considerations	Submit amended Decommissioning Plans should the decommissioning scenario change in the future.	Operations	Ongoing				

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437	CEC		x	x	Soil & Water-15	Colorado River Flow Mitigation, Water Supply Plan	Implement Water Supply Plan mitigation measures.	Jeff Harvey	Ongoing				
439	CEC			x	Soil & Water-16	Groundwater Production Monitoring	File an annual "Notice of Extraction and Diversion of Water" with the SWRCB. Include a copy of the Notice in the Annual Compliance Report.	Operations	Annually				
441	CEC		x		Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit quarterly reports presenting data and comparison to thresholds beginning 3 months following GW production.	Worley Parsons	quarterly 3m after GW production				
442	CEC				Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Construct one monument monitoring station per production well or a minimum of three stations.	Worley Parsons	1-Jul-11				
443	CEC			x	Soil & Water-17	Ground Subsidence Monitoring and Action Plan	Submit a 5-yr monitoring report summarizing findings to date.	Operations	5yrs after GW production				
445	CEC				Soil & Water-18	Water Policy Compliance Water Supply Plan	DELETED						
448	CEC		x	x	Soil & Water-20	Groundwater Quality Monitoring and Reporting Plan	Monitor GW quality and levels semi-annually and submit data semi-annually.	Worley Parsons	semi-annually		06/30/11		
455	CEC	x	x		TRANS-2	Vehicle Weight Limits	Retain copies of transportation permits and supporting documentation onsite for inspection if requested.	Gavaldon					
458	CEC		x	x	TRANS-3	Public ROW Encroachment	Retain copies of encroachment permits onsite for inspection for at least six months after the start of commercial operation.	Operations	> 6m after start of operation		01/01/14		
460	CEC			x	TRANS-4	Hazmat Transport Permits/Licenses	Retain copies of hazardous material transport permits onsite for inspection.	Operations	> 6m after start of operation		01/01/14		
465	CEC		x	x	TRANS-5	Restoration of Public Roads, Easements, and ROWs	Restore all public roads, easements, and rights-of-way damaged due to project-related construction activities.	Watson	Ongoing				
466	CEC			x	TRANS-5	Restoration of Public Roads, Easements, and ROWs	Submit letter of ROW repair completion, including concurrence from Caltrans or the County.	Watson					
467	CEC			x	TRANS-5	Restoration of Public Roads, Easements, and ROWs	Meet with CPM, Caltrans and the County to identify sections of public ROW needing repair < 60d after construction. Establish a schedule for repairs.	Watson	< 60d after construction completion		08/29/14		
468	CEC		x		TLSN-1	Compliance with Cal Pub Utility Commissions (Tline)	Construct Tline in accordance with CA PUC's req's, California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	Watson	Ongoing				
471	CEC			x	TLSN-2	Pre- and Post- Energization Measurements	Measure strengths of EMF after energization according to (ANSI/IEEE) standard procedures < 6months of start of operations.	Operations	< 60d of test				
471	CEC		x	x	TLSN-2	Pre- and Post- Energization Measurements	Measure strengths of EMF before energization according to (ANSI/IEEE) standard procedures. Submit measurement report.	McCord	< 60d of test				
472	CEC			x	TLSN-3	Combustible Material Inspections	Submit summary of inspection results and fire prevention activities in the Annual Compliance Report for the first 5 years of operation.	Operations	5yrs Annually				
473	CEC			x	TLSN-3	Combustible Material Inspections	Maintain Tline ROW free of combustible material.	Operations	Ongoing				
475	CEC		x		TLSN-4	Metallic Object Grounding in ROW	Ensure all permanent metallic objects within the Tline ROW are grounded.	Watson	Ongoing				
477	CEC		x	x	VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion.	Gavaldon	upon completion of installation				
478	CEC			x	VIS-1	Surface Treatment of Non-Mirror Project Structures and Buildings	Include a status report regarding surface maintenance in the Annual Compliance Report.	Operations	Annually				
479	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Submit a Lighting Mitigation Plan.	McCord	> 60d pt ordering permanent lighting		06/30/11		
480	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Notify CPM of lighting complaint resolution/implementation.	Gavaldon	< 48hr of resolution				
482	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	If after inspection lighting modifications are needed, notify CPM that modifications are complete.	Gavaldon	< 30d after notification				
483	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit any received lighting complaints. Include proposal to resolve and schedule.	Gavaldon	< 48hr of complaint receipt				
484	CEC		x	x	VIS-2	Temporary and Permanent Exterior Lighting	Submit a copy of complaint resolution report.	Gavaldon	< 30d of resolution				
485	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	McCord	> 90d pt ordering permanent lighting		06/30/11		
486	CEC		x		VIS-2	Temporary and Permanent Exterior Lighting	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	McCord	> 30d pt ordering temp lighting		04/01/11		
487	CEC				VIS-3	Tline setback from I-10	DELETED						
488	CEC		x		VIS-4	Reflective Glare Mitigation	Construct perimeter chain link using dark or earth-toned opaque privacy slats of a minimum 8 feet in height.	Gavaldon	Ongoing		06/04/12	Oct-11	
489	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit copy of complaint glare resolution form.	Gavaldon	< 30d of receipt				
490	CEC		x	x	VIS-4	Reflective Glare Mitigation	Submit any glare complaints, including resolution and schedule.	Gavaldon	< 48hr of complaint receipt				
491	CEC		x	x	VIS-4	Reflective Glare Mitigation	Notify CPM resolution/implementation for glare complaints.	Gavaldon	< 48hr of resolution				
496	CEC		x		WASTE-1	Contaminated Soil Assessment and Remediation	If contaminated soil is found during construction, consult with Department of Toxic Substances Control, assess and remediate contamination in consultation with DTSC and with approval from CPM.	Gavaldon	Ongoing				
498	CEC			x	WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination results in stop-work call by PE or PG, notify CPM within 24hrs.	Gavaldon	< 24hr after stop work				
499	CEC		x		WASTE-3	Contaminated Soil Assessment and Remediation - PE or PG responsibilities	If potential contamination is identified, the PE or PG must inspect and submit report to agencies any need for sampling/remediation.	Gavaldon	< 5d of receipt				
506	CEC		x	x	WASTE-7	Waste Management-related Enforcement Action Notification	Notify CPM of an impending waste-management enforcement action and owners response/resolution.	Gavaldon	< 10d of notification from authorities				
507	CEC				WASTE-8	Reuse/Recycling Plan	DELETED						
508	CEC			x	WASTE-9	Operation Waste Management Plan	Submit actual volume of waste generated and management methods used in each Annual Compliance Report.	Mosley	Annually				
510	CEC		x		WASTE-9	Operation Waste Management Plan	Submit any required revisions of Ops Waste Plan.	Operations	< 20d of notification from CPM				
511	CEC			x	WASTE-9	Operation Waste Management Plan	Update Operations Waste Management Plan as necessary.	Operations	Ongoing				
512	CEC			x	WASTE-10	HTF Contaminated Soil Hazard assessment	Document all HTF releases. If > 42 gallons, notify agencies and provide analysis of results in accordance with WASTE-10.	Operations	< 28d of release date				

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512	CEC		x	x	WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Submit release/spill documentation. If the release was reported, include agency communication.	Operations	< 30d of release date				
514	CEC		x	x	WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Actions	Document, clean up, and dispose of hazmat released > EPA's reportable quantities in accordance with federal, state, and local requirements.	Operations	Ongoing				
530	CEC			x	Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	(if opted), provide letter of credit to RCFD annually.	NextEra	Annually at the start of operations				
532	CEC			x	Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Include joint exercise training documentation with the RCFD and other solar plants in the annual compliance report.	Operations	pt start of commissioning Annually				
534	CEC			x	Worker Safety-9	Riv Co Fire Dept Joint Training Exercises	Host the annual training on a rotating yearly basis with the other solar power plants.	Operations	Rotate annually				
535	CEC		x	x	GEN-1	2007 Ca Buidling Standards Code Compliance	Provide the CPM a copy of the certificate of occupancy (CO).	BV	< 30d of receipt				
536	CEC		x		GEN-1	2007 Ca Buidling Standards Code Compliance	Once the CO issued, notify CPM pt any addition, alteration, moving, demolition, repair, or maintenance on any portion(s) of the completed facility subject to CBO approval.	BV	> 30d pt activity				
537	CEC		x		GEN-1	2007 Ca Buidling Standards Code Compliance	Submit a statement that all facility designs, construction, installation, and inspection requirements of the LORS and CEC's decision have been met.	McCord	< 30d after receipt of CO				
540	CEC	x	x	x	GEN-3	CBO Payments	Submit payments to the CBO in accordance with the agreement between the project owner and the CBO.	NextEra	ongoing				
553	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Notify the CPM of the CBO's approval of replacement inspector.	BV	< 5d of approval				
554	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	If the special inspector is reassigned or replaced, submit resume of replacement to CBO.	BV	< 5d of replacement				
555	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Special inspectors submit inspection reports to the CBO and RE.	BV	Ongoing				
556	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	The special inspector shall submit a final signed report to the RE, CBO, and CPM, stating compliance status.	BV	after construction completion		06/30/14		
559	CEC		x		GEN-7	Facility Design Discrepancy Documentation	If corrective action is not approved, advise CPM of the reason and the revised corrective action to obtain CBO's approval.	Koser	< 5d after CBO disapproval				
560	CEC		x		GEN-7	Facility Design Discrepancy Documentation	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work subject to CBO approval. Submit documentation to CBO for review and approval.	Koser	Ongoing				
561	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Retain one set of approved engineering plans, at the project site. Submit to the CPM a statement with location of stored documents.	Gavaldon					
562	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Submit to CBO statement of work completed, in conformance with plans and ready for inspection.	McCord	< 15d after construction completion		07/15/14		
564	CEC			x	GEN-8	As-builts, CBO Notification of Completion and Compliance	Provide CBO with a full set of electronic plans.	McCord	< 90d after construction completion		09/28/14		
565	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Notify the CPM after obtaining the CBO's final approval of work completed.	BV	< 15d after construction completion		07/15/14		
568	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	Submit modified plans to the CBO for review and approval based on these new conditions.	McCord	Ongoing				
569	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	Submit CBO approval of modified plans to CPM.	BV	< 24hr of approval				
570	CEC		x		CIVIL-2	RE Stop Work Authority and Notification	RE to stop earthwork if he/she identifies unforeseen adverse soil or geologic conditions. Notify CPM within 24 hrs.	BV	< 24hr of discovery				
572	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Perform inspections in accordance with the 2007 CBC. Report any discrepancies immediately.	BV	Ongoing				
573	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	RE to submit a non conformance report (NCR) < 5d of discovery. Submit details of corrective action < 5d of resolution.	BV	< 5d of discovery				
575	CEC		x		CIVIL-4	Final Grading Plans - CBO submittal	After completion of finished grading and erosion and sedimentation	BV	< 30d completion of drainage work				
576	CEC		x		STRUC-1	CBO Submittals - Major Structure or Facility design Component, Statement of Submittal	control and drainage work, the project owner shall obtain the CBO's	McCord	< 30d after approval				
578	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	If NCR is disapproved the project owner shall notify the CPM within 5 days, the reason for the disapproval	Koser	< 5d of NCR				
580	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	The project Owner shall transmit a copy of the CBP's Approval or disapproval of the NCR corrective Action To the CPM within 15 days	Koser	< 15d CBO response				
581	CEC		x		STRUC-2	CBO Submittal - Concrete, Welds, Other Structural Activities	Submit a copy of the NCR corrective action to the CBO and the CPM.	Koser	< 5d of resolution				
582	CEC		x		STRUC-3	CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs	Notify the CBO of any intended filing of design changes, and submit revisions on a schedule suitable to the CBO.	Watson	on a sched suitable to CBO				
588	CEC	x			STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Design tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC to comply with the requirements of that chapter.	McCord					
589	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Request CBO inspection of any such major piping or plumbing system.	McCord					
592	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Submit to the CBO the final plans and a statement from the mechanical engineer certifying compliance with applicable LORS for major piping or plumbing.	McCord	> 30d pt installation				
598	CEC		x		MECH-3	CBO Submittal - HVAC Specs, etc.	Upon completion of any increment of construction, request CBO's inspection and approval of that construction.	McCord	Upon completion of increment of construction				
599	CEC		x		MECH-3	CBO Submittal - HVAC Specs, etc.	Submit to the CBO the required HVAC and refrigeration plans and a statement from the mechanical engineer certifying compliance with applicable codes. Submit copy of the transmittal letter to the CPM.	McCord	> 30d pt const of HVAC or refrig system				
600	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Submit to the CBO the final plant design plans and a signed/stamped stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.	McCord	> 30d pt start of each increment of construction		04/01/11		
601	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	McCord					

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603	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	At least 30d pt the start of each increment of electrical construction, submit to the CBO for design review and approval the listed documents.	McCord	> 30d pt start of each increment of construction		04/01/11		
604	CEC		x	x	ELEC-1	CBO Submittal - Electrical Equipment and Systems	Retain approved final plant design plans and calculations onsite for the life of the project.	Operations					
608	CEC	x	x		PAL-2	PRS Submittal - Site Drawings Showing Disturbance Areas	Submit letter of any construction phase schedule changes.	SWCA	< 5d of identification				
609	CEC	x	x		PAL-2	PRS Submittal - Site Drawings Showing Disturbance Areas	If construction proceeds in phases, submit maps and drawings.	SWCA	pt start of each increment of construction		05/01/11	4-Jan-11	
610	CEC		x		PAL-2	PRS Submittal - Site Drawings Showing Disturbance Areas	PRS or PRM consult weekly with the superintendent or construction field manager to confirm upcoming activity locations.	SWCA	until gd is completed		01/17/11		
613	CEC		x		PAL-3	Paleontological Resources Monitoring and Mitigation Plan	Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager and the CPM.	SWCA	Ongoing				
615	CEC		x		PAL-4	Paleontological WEAP	If PRS determines that paleontological materials could be impacted, conduct weekly paleo training for all personnel supervising, directing or conducting ground-disturbing activity.	SWCA	weekly during gd		01/17/11		
617	CEC		x		PAL-4	Paleontological WEAP	Submit resume of any alternative paleo trainer (if applicable).	SWCA	Ongoing				
621	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any significant paleo resource encountered.	SWCA	< 24hrs upon discovery				
622	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Notify CPM of any noncompliance related to paleo resources.	SWCA	< 24hrs upon discovery				
623	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Implement PRMMP, maintain daily logs. Submit for approval any change in paleo monitoring plan.	SWCA	Ongoing				
624	CEC			x	PAL-6	Paleontological Resource Curation	Retain copies of signed contracts with the designated PRS and other specialists; also the Paleontological Resource Report.	Operations	3yr after construction completion		07/01/14		
625	CEC		x		PAL-6	Paleontological Resource Curation	Submit copy of letter to curating institution - if fossils found.	SWCA	Ongoing				
625	CEC		x		PAL-6	Paleontological Resource Curation	Ensure proper implementation of curation procedures according to the PRMMP Pay fees for curation of paleo materials. Submit letter of materials transmittal to the curation facility to CPM.	SWCA	Ongoing				
626	CEC		x		PAL-7	Paleontological Resources Report	Submit a Paleontological Resources Report (PRR).	Tetra Tech	< 90d after gd		09/28/14		
629	CEC		x		TSE-2	Electrical Engineer - Staff Assignment Civil Engineer - Staff Assignment	Notify the CPM of the CBO's approval of the new engineer within five days of the approval.	Watson	< 5d of approval				
629	CEC		x		TSE-2	Electrical Engineer - Staff Assignment Civil Engineer - Staff Assignment	If an engineer is reassigned or replaced, submit resume of replacement.	Watson	< 5d of replacement				
631	CEC		x		TSE-3	Design Discrepancy Submittals	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work that has undergone CBO design review and approval. Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	BV	< 15d of receipt				
631	CEC		x		TSE-3	Design Discrepancy Submittals	If resolution is disapproved, advise the CPM the reason for the disapproval, along with the revised corrective action required to obtain the CBO's approval.	Koser	< 5d of notification				
634	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	Gavaldon					
635	CEC			x	TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Retain all plans, including changes, on site for one year after completion of construction.	Operations	1yr after construction completion		06/26/15		
643	CEC		x	x	TSE-8	Code Compliance	In case of non-conformance of Tline construction or operation, notify CPM and CBO and describe the corrective actions to be taken.	Watson	< 10d upon discovery				
643	CEC		x	x	TSE-8	Code Compliance	Inspect transmission line to ensure conformance with applicable codes and standards.	Watson	Ongoing				
644	CEC		x	x	COMPLIANCE-1	Unrestricted Access	Provide CEC staff and delegate agencies or consultants unrestricted access to the power plant site.	NextEra					
645	CEC		x	x	COMPLIANCE-2	Compliance Record	The project owner shall maintain project files on-site.	Operations					
646	CEC		x	x	COMPLIANCE-2	Compliance Record	Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Operations					
647	CEC	x	x	x	COMPLIANCE-3	Compliance Verification Submittals	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.	NextEra					
651	CEC			x	COMPLIANCE-7	Annual Compliance Reports	Submit Annual Compliance Reports instead of Monthly Compliance Reports.	Operations	Annually				
652	CEC	x	x	x	COMPLIANCE-8	Confidential Information	Submit confidential information to CEC Executive Director with a request for confidentiality.	Gavaldon	Ongoing				
654	CEC			x	COMPLIANCE-10	Planned Facility Closures	Submit a closure plan to the CPM.	Operations	> 12m pt closure				
655	CEC		x		COMPLIANCE-11	Unplanned Permanent Facility Closure	Submit an on-site contingency plan.	McCord	> 90d of CPM determination				
656	CEC		x		COMPLIANCE-12	Unplanned Permanent Facility Closure	In the event of an unplanned permanent closure, notify agencies take all necessary steps to implement the on-site contingency plan.	Gavaldon	< 24 hrs of closure				
657	CEC	x	x	x	COMPLIANCE-13	Post Certification Changes to the Decision	Petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	NextEra	Ongoing				
					AQ-8		See AQ-9						
					Gen 2		Revise list						
5	CEC		x		AQ-SC3	Construction Fugitive Dust Control; AQCOMM monthly reporting -	AQCOMM to submit compliance documentation to the CPM in each Monthly Compliance Report.	Gavaldon	MCR				
7	CEC		x		AQ-SC4	Dust Plume Response Requirement	Submit information on dust plume observations, response, and list of equipment onsite in Monthly Report.	Gavaldon	MCR		Monthly	Ongoing	

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
9	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	Implement Diesel-Fueled Engine Control	ECM	MCR		01/17/11		
9	CEC		x		AQ-SC5	Diesel engine emissions - monitoring and reporting	Submit compliance documentation in Monthly Compliance Report.	ECM	MCR		Monthly	Ongoing	
102	CEC		x		BIO-2	Designated Biologist - responsibilities	Include documentation of biological resource compliance in the Monthly Compliance Reports.	Gavaldon	MCR		Monthly		
110	CEC		x		BIO-4	Biological Monitors - responsibilities	Include BIO-4 compliance documentation in Monthly Compliance Report.	Gavaldon	Monthly		Monthly		
115	CEC		x		BIO-6	Worker Environmental Awareness Program (WEAP)	Submit training records in the Monthly Compliance Report.	Gavaldon	Monthly				
124	CEC	x	x		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Include BIO-7 compliance documentation in Monthly Compliance Report.	Gavaldon	MCR				
130	CEC		x		BIO-8	Impact Avoidance and Minimization Measures	Include BIO-8 compliance documentation in Monthly Compliance Report.	Gavaldon	MCR		Monthly		
192	CEC	x	x		BIO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measures	Submit burrowing owl compliance documentation in monthly compliance report.	Gavaldon	MCR				
212	CEC		x		BIO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Submit compliance documentation of special-status plant avoidance and minimization measures in the Monthly Compliance Reports.	Gavaldon	MCR		Monthly	n/a	
258	CEC		x		BIO-22	Mitigation for Impacts to State Waters	Include a discussion of work in waters of the state in Monthly Compliance Reports.	AECOM	Monthly, a section on the monthly report addresses this issue.		Monthly		
315	CEC		x		CUL-7	Worker Environmental Awareness Program	Submit all new WEAP acknowledgement forms and a running tally of trained employees in monthly compliance report.	Gavaldon	Monthly		Monthly		
323	CEC		x		CUL-8	Construction Monitoring Program	Include report of any NCRs in monthly compliance report.	Gavaldon	MCR				
346	CEC	x	x		CUL-13	Flag and Avoid	Inspect flagged buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072 monthly. Submit compliance documentation in the Monthly Compliance Report.	Gavaldon	Monthly		01/16/11		

#	Agency	Pre-con	Const	ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status
381	CEC	x	x		Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit compliance documentation in the Monthly Compliance Report.	Gavaldon	MCR				
456	CEC	x			TRANS-2	Vehicle Weight Limits	Obtain necessary overweight/oversized and other transportation permits required by Caltrans and the County. Report receipt of permits in Monthly Report.	Gavaldon	MCR		05/01/11		
457	CEC	x	x		TRANS-3	Public ROW Encroachment	Obtain necessary encroachment permits from Caltrans and all relevant jurisdictions. Report receipt of permits in Monthly Report.	Gavaldon	MCR		01/16/11		
462	CEC	x	x		TRANS-4	Hazmat Transport Permits/Licenses	Obtain necessary hazardous material transport permits from Caltrans and all relevant jurisdictions. Report receipt in Monthly Report.	Gavaldon	MCR		05/01/11		
503	CEC		x	x	WASTE-6	Haz Waste Generator Identification Number	Submit documentation of any new or revised hazardous waste generation notifications in the following Monthly Compliance Report.	Gavaldon	Monthly		Monthly		
538	CEC	x	x		GEN-2	Facility Design Submittals to CBO and CPM	Include updated schedule of facility design submittals, and master drawing and master specifications in the Monthly Compliance Report.	Gavaldon	MCR		12/04/10	17-Nov-10	NA
541	CEC	x	x	x	GEN-3	CBO Payments	Submit a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Gavaldon	< 30d Monthly		01/05/11		
552	CEC		x		GEN-6	Special Inspector(s) - Staff Assignment	Include a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	Gavaldon	MCR				
558	CEC		x		GEN-7	Facility Design Discrepancy Documentation	Submit a copy of the CBO's approval of corrective action taken to resolve a discrepancy in the next monthly compliance report.	Gavaldon	MCR		Monthly		
563	CEC		x		GEN-8	As-builts, CBO Notification of Completion and Compliance	Submit a copy of statement of work completed to the CPM in the next monthly compliance report.	Gavaldon	Monthly				
567	CEC	x			CIVIL-1	CBO Submittals- Drainage and Grading, Statement of Submittal	Include CBO approval in following monthly compliance report.	Gavaldon	< 30d after approval				
571	CEC		x		CIVIL-3	CBO Inspection of 2007 CBC Compliance	Include a list of NCRs in the following Monthly Compliance Report.	Gavaldon	MCR		Monthly		
574	CEC		x		CIVIL-4	Final Grading Plans - CBO submittal	Submit a copy of the CBO's approval of grading plans to the CPM in the next monthly compliance report.	Gavaldon	< 30d after approval				
584	CEC	x	x		STRUC-3	CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs	Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Gavaldon	< 30d of approval				
586	CEC	x	x		STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Include copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report.	Gavaldon	MCR				
587	CEC		x		STRUC-4	2007 CBC Compliance for Toxic or HAZMAT	Include a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Gavaldon	< 30d following inspection				
590	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Gavaldon	MCR		Monthly		
591	CEC		x		MECH-1	CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs	Include a copy of transmittal letter to CBO in following monthly compliance report.	Gavaldon	< 30d of submittal				
595	CEC		x		MECH-2	CBO and Cal-OSHA Submittal - Pressure Vessel	Include CBOs inspection approval in the monthly compliance report following any inspection.	Gavaldon					
602	CEC		x		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Include in the monthly compliance report: 1. Receipt or delay of major electrical equipment; 2. Testing or energization of major electrical equipment; and 3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission decision.	Gavaldon	MCR		Monthly		
616	CEC		x		PAL-4	Paleontological WEAP	Submit Paleo training documentation in Monthly Compliance Report.	Gavaldon	MCR		Monthly		
620	CEC		x		PAL-5	PRS Monitoring and Stop Work Authority	Include summary of paleo monitoring activities and finds in the Monthly Compliance Report.	Gavaldon	MCR		Monthly		
628	CEC	x			TSE-1	CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List)	Include TSE schedule updates in the Monthly Compliance Report.	Gavaldon	MCR				
633	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Submit a copy of the transmittal letter of final design plans to CBO in the next monthly compliance report.	Gavaldon	MCR				
636	CEC		x		TSE-4	CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans	Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	Gavaldon	MCR		Monthly		
649	CEC	x			COMPLIANCE-5	Compliance Matrix	Submit a compliance matrix with each monthly and annual compliance report	Gavaldon	MCR			7-Dec-10	

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

Genesis Solar Energy Project
(SPX) Over 50hp Diesel Equipment List

4/1/2013

Equipment Type	Brand/Model	CA ARB Registration Number	Expiration Date	Vehicle Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demob. Date	Notes
10K Reach Forklift	Skytrak10054	WV7G87	n/a	160045259	2012	85	4	SPX	United Rental	4/17/12	1/1/13	
Aerial Lift	JLG 600S-D-4WD	JA3S89	n/a	300100537	2006	65	2	SPX	United Rental	4/9/12	5/9/12	
12K Reach Forklift	JLG G12-55A-CAB	WS4U93	n/a	160042642	2011	130	3	SPX	United Rental	4/16/12	1/1/13	
10K Reach Forklift	SkyTrak10054	NLS546	n/a	160028758	2006	110	3	SPX	United Rental	3/30/12	8/2/12	
10K Reach Forklift	SkyTrak10054-CAB	MG7N93	n/a	160045262	2012	85	4	SPX	United Rental	4/17/12	8/14/12	
90T Hydraulic Crane	Link Belt RTC 8090 II	PW7X77	n/a	N4J9-1414	2008	275	3	SPX	Bragg Crane	4/19/12	1/1/13	
Skid Steer Loader	Bobcat T190	JP8A55	n/a	A3LN40197	2011	66	4	SPX	United Rental	4/2/12	8/2/12	
Crawler Crane	Manitowoc 2250	UN4J99	n/a	2251187	2004	500	2	SPX	Bragg Crane	4/20/12		
Aerial Lift	Genie S80	SP9S45	n/a	S8006-5239	2008	69	3	SPX	United Rental	5/9/12	8/2/12	
Aerial Lift	JLG 1200S	LX7E63	n/a	300108357	2007	87	4	SPX	United Rental	5/9/12	5/25/12	
Aerial Lift	JLG 860S	WK3P33	n/a	300087288	2005	64.5	4	SPX	United Rental	5/9/12	8/11/12	
Off H-Way Truck	YT30	LG4V94	n/a	305188	2002	148	3	SPX	United Rental	5/16/12		
Aerial Lift	Genie S85D-4WD	MB9A48	n/a		2001	53	4	SPX	United Rental	5/25/12	8/12/12	
Crane	Tadano GR150XL-1	GK4C54	n/a	FD1373	2006	135	3	SPX	Bragg Crane	6/1/12		
Crawler Crane	Liebherr LR 1160	EW4G63	n/a	134105	2007	362	3	SPX	Bragg Crane	6/1/12		
Aerial Lift	Snorkel TB80	EB3J97	n/a	JA07011	2006	64	4	SPX	United Rental	6/6/12	6/11/12	
Forklift	Doosan D130S-5	FU8T96	n/a	FDCO2-1270-00441	2012	138	3	SPX	United Rental	3/30/12	8/2/12	
Aerial Lift	JLG 600S	GP4P96	n/a	300068195	2002	64	4	SPX	United Rental	6/11/12	7/23/12	
Aerial Lift	Genie S60X	JL4L53	n/a	1121723	2010	48.6	4	SPX	United Rental	6/11/12	10/10/12	
Aerial Lift	JLG 860SJ	VA5H57	n/a	300140695	2010	62	4	SPX	United Rental	6/8/12	7/27/12	
Aerial Lift	Genie S85-D-4WD	HA3V64	n/a	S8008-7276	2008	74	3	SPX	United Rental	6/11/12		
Aerial Lift	Genie S-40	PG4E79	n/a	S4005-8825	2005	48	3	SPX	United Rental	6/12/12	10/9/12	
Aerial Lift	Genie S-85	BA7H58	n/a	S8512-9424	2012	74	4	SPX	United Rental	6/26/12		
Aerial Lift	JLG 600S	TE7W96	n/a	300160743	2012	49	4	SPX	United Rental	7/13/12	8/2/12	
Aerial Lift	Genie S120-D-4WD	LP5R53	n/a	S12005-1090	2005	74	3	SPX	United Rental	7/29/12	8/23/12	
Aerial Lift	Genie S125-D-4WD	BA4U44	n/a	S12511-3021	2010	78	3	SPX	United Rental	12/10/12		
90T Hydraulic Crane	Link Belt RTC-8090 II	LV6S67	n/a	N4J9-0909	2008	275	3	SPX	Bragg Crane	7/27/12	10/1/12	
12K Reach Forklift	JLG G12-55A HVY_DTY	MN3A47	n/a	160041880	2011	130	3	SPX	United Rental	8/2/12		
10K Reach Forklift	JLG 10054	AR8H47	n/a	160047046	2012	75	3	SPX	United Rental	8/14/12	1/1/13	
Tractor	Deere 210LJ	EP9H67	n/a	1T0210LJJB089	2011	75	3	SPX	United Rental	8/14/12	1/1/13	
Aerial Lift	Genie S-125	NR3S59	n/a	S12511-2966	2010	74	3	SPX	United Rental	8/23/12	1/1/13	
Aerial Lift	Genie S-125	NJ3W39	n/a	S12511-2974	2010	75	3	SPX	United Rental	8/14/12	10/9/12	
Aerial Lift	JLG 1200SJP	EM7F54	n/a	300156959	2011	75	3	SPX	United Rental	8/29/12	1/1/13	
90T Hydraulic Crane	Link Belt RTC-8090 II	UT4J94	n/a	N4J91312	2008	275	3	SPX	Bragg Crane	10/1/12		
Aerial Lift	JLG 860SJ	JV3E73	n/a	300162263	2012	62	4	SPX	United Rental	10/9/12	1/1/13	
Aerial Lift	Genie S-85	HS9W65	n/a	S8511-8742	2010	74	3	SPX	United Rental	12/10/12	1/1/13	
Aerial Lift	Genie S-85	NA3M59	n/a	S8008-6905	2008	78	3	SPX	United Rental	1/1/13		
12K Reach Forklift	JLG G12-55A-CAB	BF5N78	n/a	160045671	2012	130	3	SPX	United Rental	12/17/12		
ON ROAD VEHICLES - DO NOT REQUIRE OFF ROAD REGISTRATIONS												
RSC WATER TRUCK	F750		n/a	3FRXF75E65V122809		350		SPX	United Rental	5/2/12		

**Genesis Solar Energy Project
Master Equipment List**

Equipment Type	Brand / Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Drive Engine	CAT C7 Acert	148483	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Drive Engine	CAT C7 Acert	148484	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Air Compressor	Atlas Copco	152484	8/31/2013	JPEC-0005	NA	NA	III	SouthWest Drilling	CAT/Johnson	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Engine	DDC Diesel	130415	3/31/2014	NA	NA	NA	III	SouthWest Drilling	ARB Portable Equipment	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Sweeper	Broce Broom	VH3U58	NA	807664	2010	84	III	Sukut	RSC	(Recorded 9/20/2011)		
Dozer	CAT 834B	CS8P98	NA	34-07	2007	475	III	Sukut	Sukut	9/19/2011	3/22/2012	
Dozer	CAT 824C	YA9K67	NA	24-12	2007	354	III	Sukut	Sukut	9/29/2011		
Motor Grader	CAT 16G	SC5M77	NA	2801-16	2009	297	III	Sukut	Sukut	10/6/2011		
Scraper	CAT 657	PC8Y97/HB3 G78	NA	57-21	2007	600	III	Sukut	Sukut	(Recorded 9/20/2011)	4/9/2012	Removed from site
Backhoe	CAT 692	KK7C43	NA	430-D	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Motor Grader	CAT 140H	UN7F66	NA	4068	NA	NA	III	Sukut	Miller Blades	(Recorded 9/20/2011)	9/23/2011	Removed from site.
Scraper	CAT 657	TH4G47/UK3 K99	NA	57-22	2010	440	III	Sukut	Sukut	9/28/2011	4/20/2012	
Scraper	CAT 657	XK3J33/GP8T 95	NA	57-60	2007	440	III	Sukut	Sukut	9/28/2011	4/11/2012	
Scraper	CAT 657	DF9C83/DG6 M34	NA	57-66	2006	600	III	Sukut	Sukut	9/28/2011	4/12/2012	
Scraper	CAT 657	VT6M63/FJ6T 95	NA	57-63	2006	440	III	Sukut	Sukut	9/29/2011	4/20/2012	
Scraper	CAT 657	RX8U86/NP6 Y75	NA	57-33	2007	440	III	Sukut	Sukut	9/29/2011	4/10/2012	
Scraper	CAT 657	AF3R99/AN5 G44	NA	57-28	2010	440	III	Sukut	Sukut	9/30/2011	4/13/2012	
Scraper	CAT 657	CWSY75/GJ9 T48	NA	57-29	2010	440	III	Sukut	Sukut	10/4/2011	4/10/2012	
Scraper	CAT 657	KG5B54/SG3 N43	NA	57-64	2010	440	III	Sukut	Sukut	10/4/2011		
Water Wagon	CAT 651	CF4M43	NA	51-83	2006	540	III	Sukut	Sukut	9/29/2011	4/4/2012	
Skiploader	John Deere	NA	NA	NA	NA	NA	III	Sukut	Sukut	9/19/2011	9/28/2011	Used less than 10 days onsite.
Skiploader	CAT 414E	ME7J57	NA	NA	NA	NA	III	Sukut	United Rentals	10/12/2011	11/3/2011	
Scraper	CAT 623	XE5H67	NA	NA	1985	350	III	Sukut	Sukut	9/28/2011		
Motor Grader 16G	CAT 16G	HK8W79	NA	NA	2009	298	III	Sukut	Miller Blades	9/19/2011		
Dozer	CAT D9T	EV5K99	NA	90-34	2005	410	III	Sukut	Sukut	9/28/2011	3/8/2012	
Skiploader	CAT 414E	CL7M35	NA	NA	2007	78	III	Sukut	Sukut	9/27/2011	10/7/2011	Removed from site
Generator	Atlas Copco QAS-30	645888	NA	645888	NA	NA	NA	Sukut	RSC	(Recorded 9/20/2011)	10/1/2011	Removed from site
Generator	Airman -SDG60S	1473A20166	NA	689	NA	NA	NA	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	Removed from site
Generator	Kohler 400 Kw	138194	5/31/2013	403015	NA	99	III	Sukut	Kohler Rental	(Recorded 9/20/2011)		WI Lic. Plate 555501
Generator	MQ Power	147014	3/31/2012	1101821	NA	NA	III	SouthWest Drilling	United Rentals	(Recorded 9/20/2011)	10/1/2011	Removed from site

**Genesis Solar Energy Project
Master Equipment List**

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Generator	NA	148485	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(Recorded 9/20/2011)	10/1/2011	removed from site
Generator	Kohler 400 Kw	138189	5/31/2013	403010	NA	99	III	Sukut	RSC	10/1/2011		
Generator	MQ Power 400 Kw	143594	5/31/2014	2263	NA	NA	III	Sukut	RSC	10/11/2011	1/30/2012	
Motor Grader	CAT 140H	L16V63	NA	NA	NA	NA	III	Sukut	Miller Blades	10/17/2011	10/24/2011	
Scraper	CAT 613	FW6W46	NA	NA	NA	NA	III	Sukut	Miller Blades	10/17/2011	11/14/2011	
Backhoe	CAT 420E	GH8F30	NA	NA	NA	NA	III	Sukut	United Rentals	10/12/2011		
Roller	BOMAG 177D	HV4A78	NA	NA	NA	NA	III	Sukut	United Rentals	10/20/2011	10/21/2011	
Motor Grader	CAT 16G	VX6L67	NA	NA	NA	NA	III	Sukut	Miller Blades	10/25/2011		
Scraper	CAT 657	WN3G47/TP5 D95	NA	57-59	NA	440	III	Sukut	Sukut	10/25/2011		
Scraper	CAT 657	VR9W59/DU 7M84	NA	57-41	NA	440	III	Sukut	Sukut	10/28/2011		
Scraper	CAT 657	XG9N34/NY8 599	NA	57-40	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Scraper	CAT 657	NX6E67/XF4 H83	NA	57-56	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Skiploader	CAT 414E	KF6F93	NA	NA	2007	78	III	Sukut	Sukut	11/3/2011		
Water Pull	CAT	EINUN7B76	NA	NA	NA	NA	III	Sukut	Sukut	11/4/2011		
Scraper	CAT 657	LK5B78/PP9G 75	NA	57-41	NA	440	III	Sukut	Ren Trac	11/9/2011	4/12/2012	
Scraper	CAT 657	GW6L96/PG6 J43	NA	1265	NA	440	III	Sukut	Rent Trac	1/9/2012		
Scraper	CAT 657	TP8386/4F55 38	NA	1257	NA	440	III	Sukut	Rent Trac	1/9/2012		
Scraper	CAT 657	GT4449/T4G N36	NA	1229	NA	440	III	Sukut	Rent Trac	1/10/2012		
Scraper	CAT 657	PD6T47/TM7 F56	NA	1248	NA	440	III	Sukut	Rent Trac	1/10/2012		
Scraper	CAT 657	XC3E93/VX8L 63	NA	1355	NA	440	III	Sukut	Rent Trac	1/11/2012		
Generator	70 Kw	140035	NA	701672	NA	NA	III	Sukut	RSC	11/15/2011	1/13/2012	
Forklift	Skytrack JLG	NL5346	NA	NA	NA	NA	NA	Sukut	RSC	11/10/2011	3/26/2012	
Backhoe	JD 310	XK3X55	NA	NA	NA	NA	III	Sukut	RSC	11/30/2011	1/13/2012	
Skiploader	JD 210	NA	NA	NA	NA	NA	III	Sukut	RSC	11/12/2011	3/5/2012	
Water Wagon	CAT 651	FRX8T76/R43 TG49	NA	37-05	NA	NA	III	Sukut	Sukut	1/3/2012	4/6/2012	
Generator	500 Kw	139957	8/31/2013	55-500	NA	NA	III	Sukut	RSC	1/3/2012		
Scraper	CAT 623	SF9V87	NA	1	NA	NA	III	Sukut	Miller Blades	1/16/2012		

Genesis Solar Energy Project
Largo Concrete Inc. Over 50hp Diesel Equipment List

3/14/2013

Equipment Type	Brand/Model	CA ARB Registration Number	Expiration Date	Vehicle Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demob. Date	Notes
8K Reach Forklift	Skytrak 8042	TK5B38	n/a	160029782 LGE15003852 / 686535	2007	110-82	3	Largo Concrete	RSC	12/15/11		
8K Reach Forklift	Skytrak 8042	SG3T73	n/a	160042269 LGE15003364 / 886599	2009	110-82	3	Largo Concrete	RSC	12/15/11		
8K Reach Forklift	JLG G9-43A	YT5B39	n/a	833747	2006	99	3	Largo Concrete	RSC			
8K Reach Forklift	JLG 1054	GP7S78	n/a	10072928	2012	71	3	Largo Concrete	RSC			
8K Reach Forklift	JLG 9-43	WK6S38	n/a	837672	2006	99	3	Largo Concrete	RSC			
10K Reach Forklift	JLG 10054	KK5P59	n/a	10073190	2012	100	3	Largo Concrete	RSC			
Forklift	Skytrak 8042	MR4F99	n/a	LG021010016 866000	2010	130	3	Largo Concrete	RSC	-		
Forklift	JD 210LJ	FJ6X54	n/a	854958	2010	84	3	Largo Concrete	RSC	-		
Skiploader	JD 3210LE	FX8P94	n/a	0210LE884721 763095	2003	77.8	3	Largo Concrete	RSC	-		
Skiploader	JD 210L J	TH3U69	n/a	1TO210LJLVB0890404 866995	2010	56-75	3	Largo Concrete	RSC	12/27/11		
Skiploader	JD 210 LE	BP4H43	n/a	1T0210LE884563 751257	2005	75.1	3	Largo Concrete	RSC			
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		
ON ROAD VEHICLES - DO NOT REQUIRE OFF ROAD REGISTRATIONS												
5 Yd Dump Truck	Ford F750	n/a		3FRXF75EX7V509379 683111		215		Largo Concrete	RSC	2/16/12		
2000 gal water truck	Ford 750	n/a		3FRXF7FA2BV557236 880540				Largo Concrete	RSC	5/17/12		

Genesis Solar Energy Project
BPC Master Equipment List

Equipment Type	Equip Number	Brand /Model	Registration Number	Expiration Date YYYYMMDD	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
International Truck	201070	International 4400	N/A	N/A	1HSMTAANX7H416035	2007	245	3	BPC	ARB, Inc	1/3/2012		
International Truck	201071	International 4400	N/A	N/A	1HSMTAANX7H416066	2006	245	3	BPC	ARB, Inc	1/3/2012		
International Truck	671187	International 4400	N/A	N/A	GHW19585	2001	245	3	BPC	ARB, Inc	1/3/2012		
International Truck	19585	International 4400	N/A	N/A	GHW21922	2006	245	3	BPC	ARB, Inc	1/3/2012		
International Truck	21922	International 4400	N/A	N/A	1FUBCXDJ26HW22243	2005	245	3	BPC	ARB, Inc	1/3/2012		
International Truck	22245	International 4400	N/A	N/A	1FUBCXDJ66HW22245	2005	245	3	BPC	ARB, Inc	1/3/2012		
International Truck	22243	International 4400	N/A	N/A	GH245528	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	CAT0420ETHLS02145	2006	93	3	BPC	ARB, Inc	4/20/2012		
Backhoe 420E	392092	CAT	KX8H98	N/A	CAT0420EERA00367	2009	93	3	BPC	ARB, Inc	5/1/2012		
10K Sky Trac	343891	SKYTRAK	HF5G53	NA	0160040952	2011	109	3	BPC	Sunbelt Rental	3/5/2012		
10K Sky Trac	321505	SKYTRAK	FG7H48	NA	0160039955	2010	110	3	BPC	Sunbelt Rental	3/6/2012		
20K Forklift Hyster 210	07-792	Hyster	EJ9A88	N/A	D019002307U	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		
75KV generator	358392	MQ POWER	155110	20140731	7351646	2011	97	3	BPC	Sunbelt Rental	4/11/2012		
45KV generator	368855	MQ POWER	155937	20140831	8202290	2011	75	4i	BPC	Sunbelt Rental	4/11/2012		
10K Sky Trac 10054	381629	SKYTRAK	WW9J44	NA	0160036743	2008	82	3	BPC	Sunbelt Rental	4/9/2012		
10K Sky Trac 10054	381631	SKYTRAK	DM3H74	NA	0160034877	2008	110	3	BPC	Sunbelt Rental	4/9/2012		
10K Sky Trac 10054	321673	SKYTRAK	TN7C35	NA	0160039953	2010	110	3	BPC	Sunbelt Rental	3/30/2012		
10K Sky Trac 10054	381639	Cummins	CG5V33	41274	15516	2010	110	3	BPC	Sunbelt Rental	4/25/2012		
10K Sky Trac 10054	348226	SKYTRAK	LL6B53	NA	0160040955	2011	110	3	BPC	Sunbelt Rental	5/15/2012		
T-800 Water Truck	213015	Kenworth	8N99354	8/13/0000	1NKDLU0XX4R052569	2003	375	3	BPC	ARB, Inc	5/24/2012		
56KV generator	338255	MQ POWER	154840	20140630	7351550	2011	97	3	BPC	Sunbelt Rental	5/29/2012		
36KV generator	368854	MQ POWER	155936	20140831	8202291	2011	75	4i	BPC	Sunbelt Rental	5/29/2012		
100KW Diesel Generator	349720	MQ POWER	155090	20140731	7510368	2011	179	3	BPC	Sunbelt Rental	8/3/2012		
10K Shooting Boom Forklift	381645	SKYTRAK	XV9H65	NA	0160034533	2008	110	3	BPC	Sunbelt Rental	8/3/2012		
10K Shooting Boom Forklift	454967	SKYTRAK	XB3W68	NA	0160046153	2012	100	4i	BPC	Sunbelt Rental	8/28/2012		
45 Ton TEREX Crane	BE4512	RT345-1XL	MT8A46	7/31/2015	160952	2012	160	4	BPC	Carde Pacific	9/3/2012		
56KW Generator	467640	MQ POWER	159017	20150731	8802292	2011	98	3	BPC	Sunbelt Rental	10/10/2012		
3394RT Scissor Lift	247011	JLG	N/A	N/A	0200191193	N/A	82	3	BPC	Sunbelt Rental	10/10/2012		
56KW Generator	494444	MQ POWER	159997	20150831	7352686	2012	98	4i	BPC	Sunbelt Rental	10/11/2012		
56KW Generator	467644	MQ POWER	159018	20150731	8802310	2011	98	3	BPC	Sunbelt Rental	10/11/2012		

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 MARCH 2013**



Prepared for:

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March 2013

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ATTACHMENTS

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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 March 2013. The following biological surveys and monitoring took place in March 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 March 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, permanent fence construction, mirror installation, piping and, laydown yard activities. All Plant Site construction activities occurred within the desert tortoise (DT) exclusion fencing. A single Western Burrowing Owl was observed in the NE channel (see special status species surveys and monitoring discussion below). A buffer has been established around the burrowing owl location. The owl was not seen during the second half of the month and the buffer will be removed. No other special status species sightings were observed on site during the month of March. The temporary exclusion 6' high chain link fence installed in February 2013 around a pipe laydown to discourage fox use remained in place. The area the foxes occupied continues to be monitored. Neither foxes nor fox sign were observed within the temporary exclusion fence. Mirror fields were monitored as part of general site monitoring. One Bufflehead mortality was found in the mirror array. The cause of death could not be determined. It did not have signs of burning or singeing. No DT, American badger (AB), Couch's spadefoot toad (CST), or nesting birds were detected during monitoring on site. A variance was approved for night time work. A biologist is not required to be on site during night time construction but is required to be on-call.
 - 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 March 2013. Speeding vehicles, if observed, were reported to the Environmental Compliance Manager and/or construction managers. Drivers observed speeding were held accountable by contractors. Vehicle speed and speed limits were discussed with contract personnel to reinforce compliance. Daytime, dawn to dusk, and nighttime speed limits were changed in a variance allowing nighttime work. (Genesis (09-AFC-08) GSEP PMI Night Work, VIS-2/BIO-8, CPM approval) The nighttime speed limit is 25 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 March. No sensitive species were observed during fiber optic line installation.
- Monitored transmission line activities including foundation work, steel pole setting, and wire pulling outside of the tortoise exclusion fence. Pole pads were delineated with stakes and flagging to limit disturbance. Biological monitors were present during transmission line activities within the work zone and applicable biological buffers (i.e., WBO and DKF). 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 activities were monitored.
- BMs monitored dust suppression activities and water activities that had potential to result in ponding water. These activities were monitored daily to verify that ponding water was minimized and that water was spread and mixed with soil to prevent raven and other predator attraction. Ponding water at water tanks was minimized by scheduled water tank pad maintenance. A discharge plan is in development for future water discharge events. 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 March reporting period.
- Evaporation Pond Monitoring
 - One day per month operational evaporation ponds are monitored. Monitoring for bird activity and mortalities is conducted for two hours in the morning, one hour mid-day, and two hours in the evening. The ponds are checked on a more frequent basis for presence of general wildlife and need for repair. There have been no mortalities associated with the evaporation pond netting.

-
- Two red-winged blackbirds were observed along the pond edge within the evaporation pond. The gate was opened and the birds were flushed from inside the enclosure.
 - Exclusion Fence Monitoring
 - The temporary tortoise exclusion fence was inspected on a weekly basis. An area lacking sufficient fence burial was repaired. The fence was intact and no breaches were found during March 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 March 2013.
 - Construction of the permanent DT exclusion fence around the plant site is almost complete. The temporary exclusion fencing is still in place and is located outside the permanent fence. The temporary fencing is inspected routinely. The permanent fencing will be inspected routinely upon removal of the temporary fencing. Occasional inspections of the permanent fencing occur as-needed to confirm integrity (i.e., after completion of new sections, gate installations, and repairs).
 - Raven Monitoring
 - Monitors recorded incidental raven observations and activities during general construction monitoring. Typically, ravens were observed perched on power poles or flying in the common area or parking areas.
 - Biweekly point count surveys were conducted. The results from the raven surveys are reported below. Biweekly raven counts will continue throughout the construction phase. No raven nesting sites have been observed. Potential subsidies (i.e., possible nesting, ponded water, roadkill) were monitored per the Raven Plan.
 - Monitoring of ESAs
 - All construction activities, with the exception of 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 former DKF location is being monitored on site. A temporary exclusionary fence has been installed around the pipe laydown yard location which the foxes had been using. The pipe laydown yard is being monitored. Deterrents are no longer being used. The deterrents used included battery operated LED lights, a wind up alarm clock, a battery powered radio, a noise emitting wildlife repeller, Havart Critter Ridder (Oil of Black Pepper, Piperine – from Oleoresin of Black Pepper, Capsaicin and Related Capsaicinoids-from Oleoresin of Capsicum), and Monterey No Cat Zone (Garlic Oil and Citronella Oil). No animal based or animal derived repellants were used.
 - A necropsy was ordered by CDFG for the female kit fox mortality reported last month (see February MCR). Necropsy results revealed that the fox appears to have died from pulmonary embolisms. The fox appears to have had other infections and the cause of the embolisms is not clear. Vehicle strike and major infectious disease, including CDV and rabies, have been ruled out. Based on the necropsy results, there is no evidence that the death was correlated to project activities.

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 are summarized upon completion and submitted to the agencies as required. Special status species observations (e.g., nesting birds and potential DKF burrows) were reported to the resource agencies prior to construction activities to obtain concurrence on buffers and monitoring as required by the conditions. Surveys conducted during construction per the COCs are summarized below and include nesting birds (as-needed), raven monitoring, and golden eagle surveys. Survey methods and results for activities conducted during March 2013 are summarized below.

Nesting Bird Surveys

Nesting bird surveys were required for outside the fence activities and conducted during the March 2013 reporting period. No active or potentially active nests were detected.

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 155 incidental raven sightings during 26 monitoring days. This represents a month-over-month decrease¹ in incidental raven observations.

Formal raven monitoring in accordance with the COCs consisted of monthly and bi-weekly surveys per the Raven Plan. There are seven raven monitoring point locations (Attachment 1). Raven recorded are within an 800m radius. Zero ravens were observed during the March 5 survey and zero ravens were observed during the March 21-26 survey. Nine ravens 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. 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. BLM review and approval is still pending. A treatment plan prepared in accordance with the Weed Management Plan will be ready for implementation in fall 2013 pending BLM approval of the PUP if weeds are present in disturbance areas at that time.

¹There were approximately 231 incidental raven sightings in February 2013. As a note, incidental raven sightings do not provide an accurate assessment of raven population changes. They are incidental sightings only and do not represent independent sightings.

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

GENERAL DAILY NOTES AND OBSERVATIONS

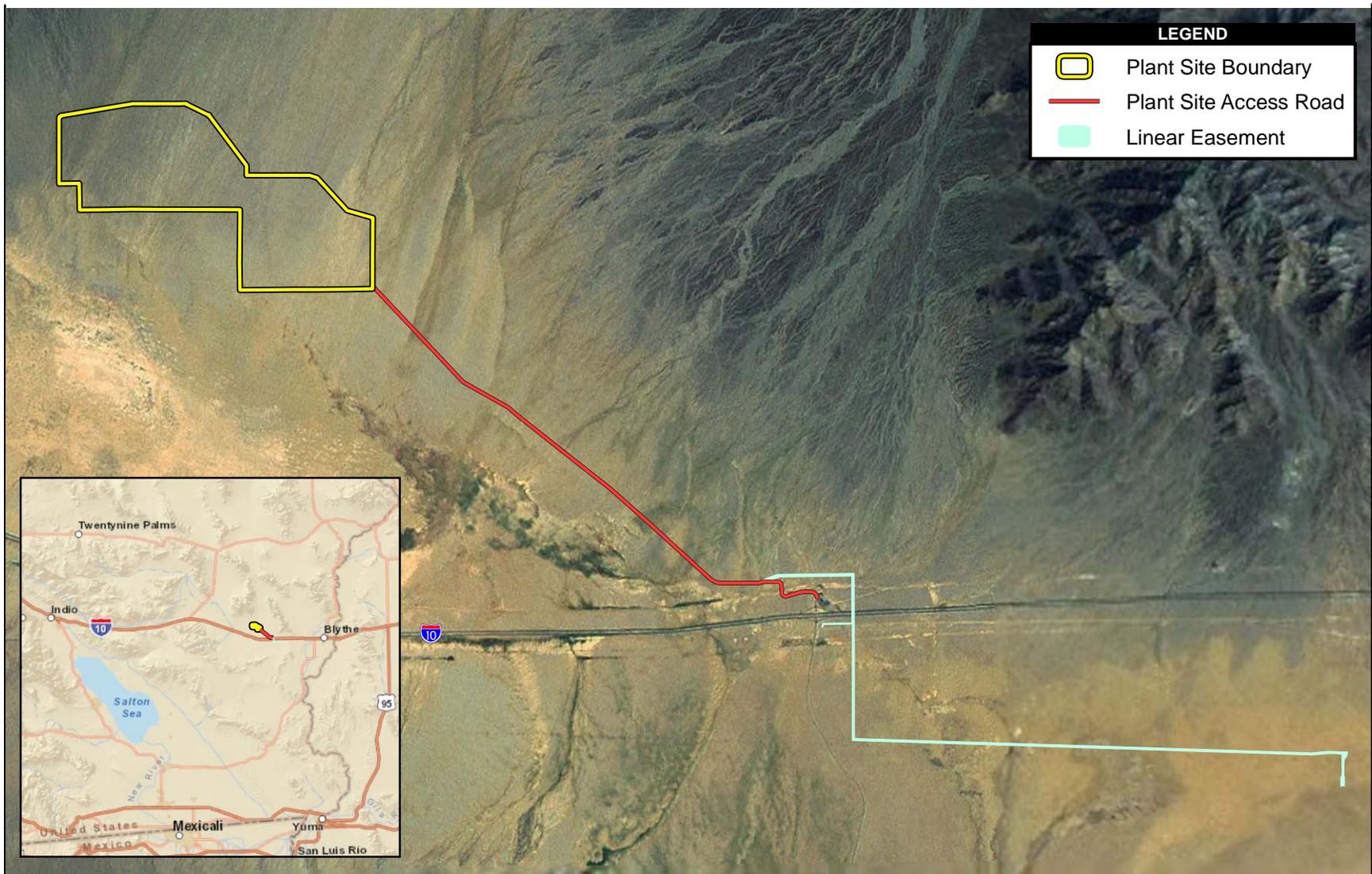
Daily notes detailing compliance monitoring activities are provided in the forms attached (Attachments 3 and 4).

REFERENCES

Not applicable during this reporting period.

ATTACHMENT 1

FIGURES



LEGEND

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

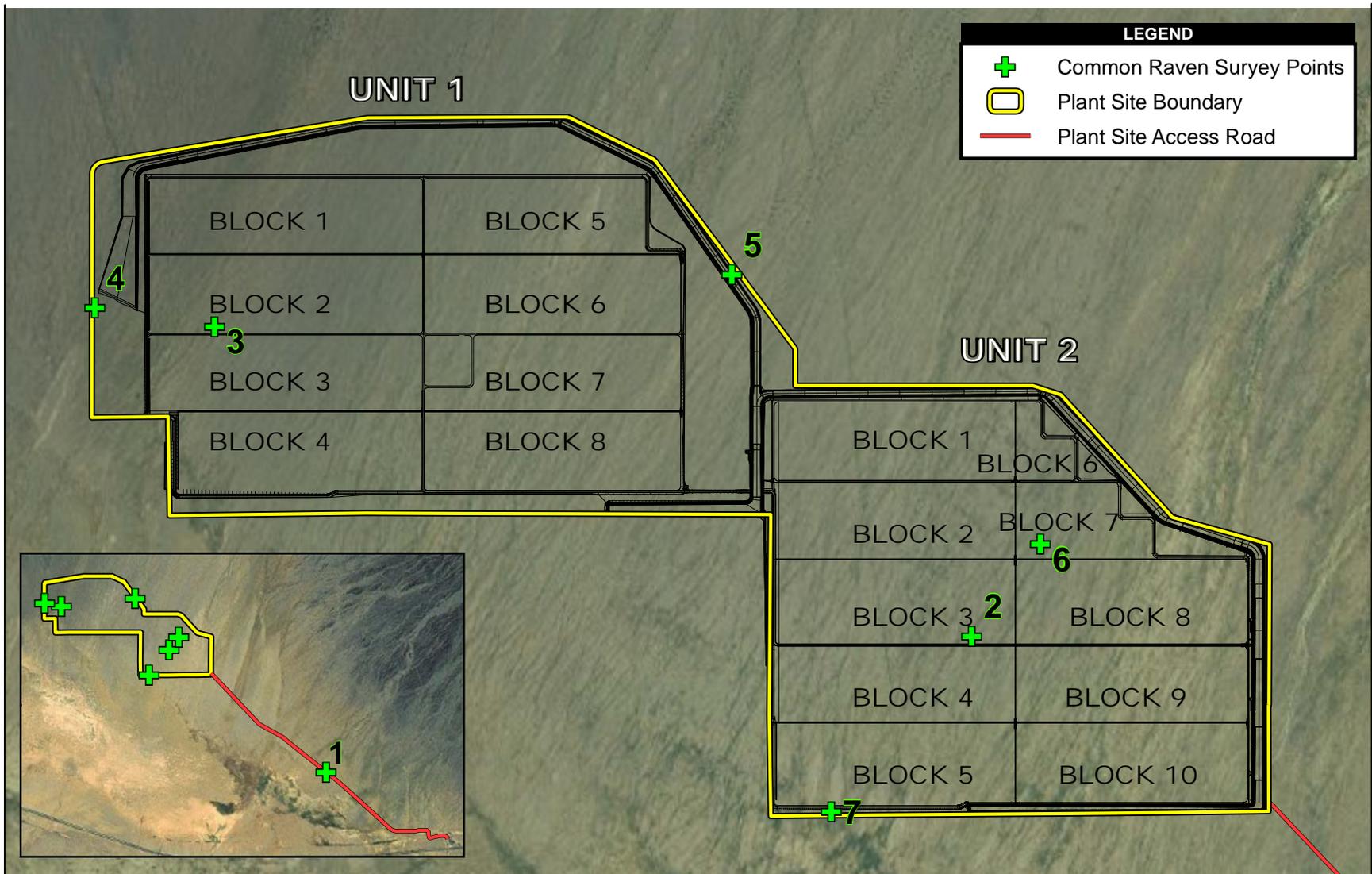
Source: GSEP 2012; AECOM 2012; i-cubed 2010; ESRI 2012



**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



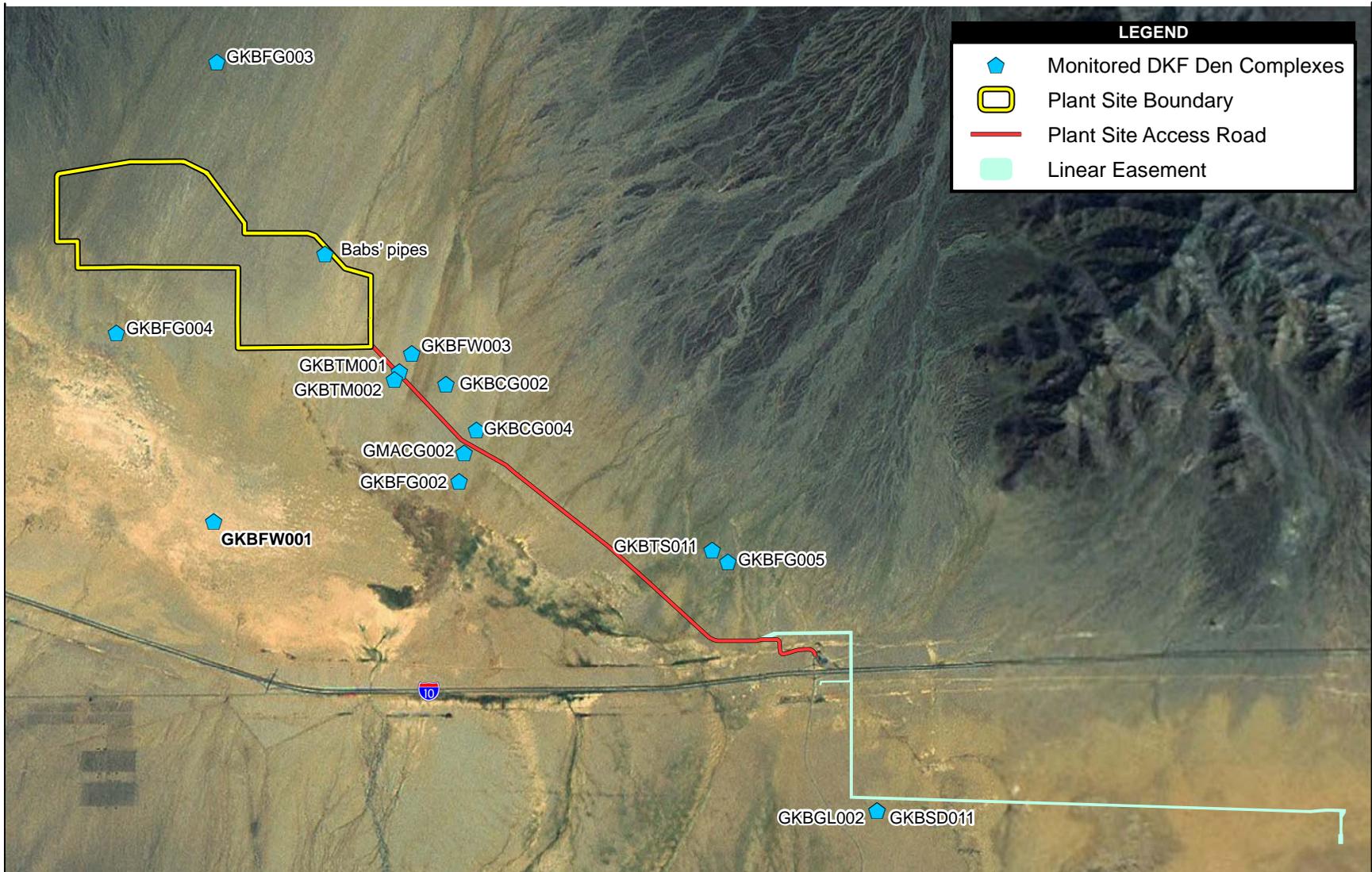
Source: GSEP 2012; AECOM 2012; i-cubed 2010



**Common Raven
Survey Points**

Genesis Solar Energy Project

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



LEGEND

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

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



Genesis Solar Energy Project

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

Path: P:\2011\60220713\06GIS\6.3_Layout\Bio\MCR\2013\03 - March\DKF Camera Complexes 20130329.mxd, 3/29/2013, irelandm

ATTACHMENT 2

**SPECIES OBSERVED DURING FEBRUARY
SURVEYS AND MONITORING**

SPECIES OBSERVED DURING FEBRUARY SURVEYS AND MONITORING

Animals:

Black-tailed jackrabbit
Coyote
Desert Kit Fox
Mule deer
Round-tailed ground squirrel

Birds:

American Kestrel
Anna's Hummingbird
Ash-throated Flycatcher
Black Phoebe
Black-throated Sparrow
Blue-gray Gnatcatcher
Brewer's Sparrow
Bufflehead
Cliff Swallow
Common Raven
Greater Roadrunner
Great-tailed grackle
Horned Lark
Le Conte's Thrasher
Lesser Goldfinch
Loggerhead Shrike
Mourning Dove
Northern harrier
Northern Rough-winged Swallow
Prairie falcon
Red-tailed hawk
Red-winged Blackbird
Rock Wren
Sage Sparrow
Sage Thrasher
Savannah Sparrow
Say's Phoebe
Turkey vulture
Vesper Sparrow
Violet-green Swallow
Western Burrowing Owl
Western Meadowlark
White-crowned Sparrow

Reptiles:

Banded Gecko
Desert Horned Lizard
Desert Iguana
Desert Patch-nosed Snake
Great Basin Whiptail Lizard
Mojave Fringe-toed Lizard
Western Shovel-nosed Snake
Side-blotched Lizard
Sidewinder
Western Patch-nosed Snake
Western Whiptail Lizard
Zebra-tailed Lizard

ATTACHMENT 3

DAILY BIOLOGICAL MONITORING LOGS

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/1/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 52

Start Time: 7:00:00 AM Stop Time: 12:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0715 inspect ne channel unit 2. BUOW observed at first drop down north of paved bridge in rip rap area. Pair of rock wrens at second dropdown north of paved bridge. 0830 inspect access road. No sensitive species findings. 1030 office. 1130 meeting re upcoming t-line activates.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Removed plastic and food debris from 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	All work within exclusion 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			Inspected tortoise grate. No findings.
Any nesting birds observed? Note species (if known) and location.			X	Pair of rock wrens in ne channel.
Common Ravens Present? If yes, note number and activity.	X			6 am plant site.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Rock wren, BUOW, CORA.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/1/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 56

Start Time: 6:40:00 PM Stop Time: 4:25:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:40 Road kill check on road to plant. Wood rat removed and buried.
 07:40 Checked evaporation ponds in unit 1 for trapped/injured wildlife and for breaches in the fence. None.
 08:10 Checked unit 1 for: any signs of kit fox activity (none); any sign of ravens nesting in infrastructure (none); and uncontained trash (see below note)
 10:30 Met w E German in office.
 11:05 Checked unit 2 for: any sign of kit fox activity (none); any sign of ravens nesting in infrastructure (none); and uncontained trash (none)
 11:40 Began Breeding Season Raven Surveys at site #17, progressing eastbound.
 12:05 Began kit fox telemetry activities.
 12:40 Resumed Breeding Season Raven Surveys, eastbound, proceeding to CRS. No raven nesting behavior was observed associated with any project infrastructure outside the plant.
 15:15 Vehicle observed parked in restoration area on south side of access rd (see below).
 16:05 Returned equipment to office.
 16:15 Road kill check on access rd to plant (none). Departed for Blythe.

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		At 15:15 a pick-up truck was observed parked on the south side of the access road, in the scrub. I spoke with the driver, and the problem was rectified.
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		Uncontained trash was found at the west fence of unit 1 block 1; and in power block 1. See photos. J Gavaldon was notified and sent photos.
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 separate sightings, in plant and along t-line.
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 3/4/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 54

Start Time: 6:06:00 AM Stop Time: 3:10:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0606-Biologist swept access road leading to plant site. No sensitive biological resources were identified during the sweep.

0645-Biologist checked units 1 and 2 for ravens and trash. No ravens or trash were found.

0753-Biologist swept laydown area near Arizona crossing. No sensitive biological resources were identified during the sweep.

0945-Biologist walked the temporary desert tortoise exclusionary fence. no breaches were found.

1105-Biologist cleared the channel east of unit 2 of all invasive plant species.

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 on north side of access road. 2 ravens flying east over unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: TUVU, RTHA,HOLA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/4/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 54

Start Time: 6:30:00 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: 0630 arrived to site. Checked in with monitors to confirm days activities. 0700 office. 0830 meeting with bore crew discussed plan of day and wildlife precautions. 0915 inspect access road. No road kill observed. 1400 inspect pipe laydown for foxes. No foxes observed. 1500 cleared tower 38 and preconstruction nesting bird surveys. 1600 improve flagging in guard shack 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		Food debris along access road 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			Fiber bore crew worked outside fence.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			6:3 along access road. 3 on site flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Cliff swallow.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/4/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 87 Low Temp (°F): 68

Start Time: 9:15:00 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: 0915 no roadkill or ravens along access road, perm fence DT grate had no water present, 0940 office to get telemetry equip 1000 raven appeared to be flying length of permanent DT fence in Unit 1 foraging, began DKF telemetry and cameras, removed Sahara mustard from channel and from Unit 1, blocks 3 and 4, still a lot of mustard to remove, nesting preconstruction survey of pole 38, no nests or burrows suitable for Dkf, AB or who observed, assisted with staking for alternative access near guard shack

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-fence, Unit1, 2-north side Unit 2, 2 along access road
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, black-throated sparrow, CORA, DKF

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/4/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 56

Start Time: 6:25:00 PM Stop Time: 5:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:25 Arrived at site #63. Swept equipment here and access road between site #63 and 57.
 07:00 Per E German's instructions, examined which approach roads of existing Blythe line sites #113 to #88 will make for adequate ingress and egress for hand holds to be installed.
 08:10 Call from E German indicating bore crew to arrive shortly. Swept work side.
 09:05 Monitored as site is prepped for bore drilling, then as hole is drilled for fiber cable between sites # 63 and 57.
 12:50 Activity ceases and crew departs.
 13:45 Crew returns. Resumed monitoring as hole is drilled for fiber cable.
 16:30 Monitored as trench is backfilled.
 17:10 Crew departs for day. Departed for Blythe.

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 seen flying near site 62.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Incidentals:
 Turkey vulture
 Mourning dove
 Whiptail lizard
 Desert iguana
 Desert horned lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/5/2013

Monitor: Brian Weller
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 48

Start Time: 6:08:00 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: 0608-Biologist swept laydown area near Arizona crossing and paved access road leading to plant. No sensitive biological resources were identified during the sweep. One mourning dove was found killed on access road.

0645-Biologist checked the temporary desert tortoise exclusionary fence around unit 1. No breaches were found.

0840-Biologist cleared non-native plant species from east channel outside of unit 2.

1011-Biologist conducted common raven surveys.

1300-Biologist monitored the fiber-optic and boring crews south of I-10, near structure 57. No sensitive biological resources were impacted by the activity.

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: MODO,TUVU, zebra-tailed lizard, desert horned lizard.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/5/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 50%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 48

Start Time: 6:30:00 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: 0700 tailboard with fiber crew. 0815 office. 1015 preconstruction nesting bird surveys until end of day.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?			X	N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.			X	N/A
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter fence inspection completed. No breaches found.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: HOLA,WCSP,TUVU,CORA.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/5/2013

Monitor: Shelly Dayman
 Weather Conditions: Cloudy, Clouds: 100%, Pcp: None
 High Temp (°F): 84 Low Temp (°F): 59

Start Time: 8:00:00 AM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0800 RadioShack to check for camera card for Honey's den, didn't have
 0900 access road and DKF telemetry
 0230 checked trash in Unit 2, Newtron had replaced several trash bins that had previously been reported to compliance as not properly covered with covered bins, notified compliance of improvement
 0330 assisted with nesting bird surveys at poles 48 and 50

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			Noticeable improvement in trash containment in Newtron 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	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-access road, 1-access road, possibly carrying nesting material, will check throughout week
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, side-blotch lizard, desert horned lizard, TUVU, CORA, DKF, HOLA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/5/2013

Monitor: Tim Skousen
 Weather Conditions: Partly Sunny, Clouds: 55%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 54

Start Time: 6:30:00 AM Stop Time: 12:50:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One:	Plant Site	Access Road	Gas Line	Transmission Line	Other (explain)
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Activity Log: 06:30 Swept equipment at site #63, then swept road between sites#63 and 57 and equipment at site #57.
 06:50 Met w contractor (Frontier) to discuss day's activities.
 07:30 Monitored as site is prepped for drill bore activity, drilling south of Hwy 10, and splicing together of interdict between sites# 57 and 58.
 12:50 Replaced by B Weller. Departed to meet E German for survey.

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 seen flying between sites #56 and 58. 2 seen flying near site 50. 1 calling and flying near site #45.
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 3/6/2013

Monitor: Brian Weller
 Weather Conditions: Partly Sunny, Clouds: 55%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 54

Start Time: 6:10:00 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: 0610-Biologist swept access road and all equipment near structure 57. No sensitive biological resources were identified during the sweep.

0700-Biologist attended the Frontier Construction tailboard. The foreman discussed all safety issues and the plan of the day. The crew plans to create handholds and pull fiber optic cable near structure 57. The biologist reminded crew to check under vehicles and to stay within approved work areas.

0730-Biologist monitored crew installing handholds and pulling fiber optic cable near structure 57. No sensitive biological resources were impacted by the activities.

1115-Biologist monitored fiber pulling from pad 54 to structure 57. No sensitive biological resources were impacted by the activity.

1710-Biologist swept pad 63 and all equipment staged there. No sensitive 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			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 north near structure 57.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, western whiptail, desert iguana, TUVU.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/6/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 71 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: 0630 inspect access road east of guard shack. 0715. Discuss road work with monitors. 0800 survey 500' buffer around area of proposed work for nesting birds. No nests found. 1015 discuss flagging and road delineation with contractors and management. 1130 office. 1245 monitor access road improvement east of guard shack.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?			X	N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles appeared to follow speed limits.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Access road work east of guard shack cleared and survey for nesting birds out 500' near new disturbance completed.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			Tortoise grates checked no ponding water
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: WCSP, Say's Phoebe, TUVU.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/6/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 72 Low Temp (°F): 63

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

Sites Monitored

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

Activity Log: 0900 DKF cameras and telemetry, moved cameras
 1200 removed and buried road killed MFTL from access road
 1230 no water in DT permanent fence grates
 1300 downloaded tracks from pole surveys and uploaded shapefiles for access road surveys, updated spreadsheet for field surveyors with all observations, updated Garmins with all points, DKF camera cards, submitted MFTL mortality form to DB
 0530 no road kill along access road, DKF crossing sign has been installed 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			Some signs need replacing
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			Ranger observed checking speeds along access road
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		Checked pole where raven was observed bringing material yesterday (between poles 47 and 48) and no additional material or raven observed
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: MFTL, TUVU, zebra-tailed lizard, HOLA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/6/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 58

Start Time: 6:25:00 AM Stop Time: 4:40:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:25 Road kill check on access rd to plant- none.
 06:50 Swept materials lay-down area near Arizona Crossing for any sign of sensitive species.
 07:05 Met w E German to discuss road maintenance work near guard shack- has been postponed until this afternoon.
 08:00 Nesting bird survey near guard shack w E German.
 09:55 Arrived at site#21, where tailgate with Wasatch is scheduled for 10:00 to discuss today's outside the fence activities.
 11:30 Wasatch still not prepared- communication from Nick (foreman)- activity outside fence not to occur for two hours.
 11:40 Checked units 1 and 2 for uncontained trash. See below note.
 13:30 Received communication from Nick of Wasatch- work outside fence delayed another hour and half.
 14:00 Picked up trash from sites#21 to 26. Returned to site #21.
 15:50 Nick of Wasatch says no work will occur outside fence today.
 15:55 Checked gates in permanent perimeter fence of unit 2 for functionality in excluding wildlife. All appeared functional.
 16:30 Road kill check on access rd to plant- none. Departed for Blythe.

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		4 of the approximately 10 garbage cans in the power block of unit 2 were either lacking lids or the lids were not properly secured. See photos. Photos sent to J Gavaldon.
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			9 separate sightings in the plant and along the access rd.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Incidentals:
 Horned Lark
 Great-tailed grackle

Side-blotched lizard
Zebra-tail lizard

Date & Time: Mon Mar 4 10:21:30 PST 2013
Position: 11 N 685493 3728833
Altitude: 377ft
Azimuth/Bearing: 129° S51E 2293mils (True)
Elevation Angle: -80.3°
Horizon Angle: +31.2°
Zoom: 1X
desert horned lizard



Date & Time: Tue Mar 5 11:07:40 PST 2013
Position: 11 N 692123 3722861
Altitude: 404ft
Azimuth/Bearing: 324° N36W 5760mils (True)
Elevation Angle: -82.2°
Horizon Angle: -00.2°
Zoom: 1X
owl pellet GKBFW001



Date & Time: Tue Mar 5 14:04:15 PST 2013
Position: 11 N 688045 3721805
Altitude: 417ft
Azimuth/Bearing: 312° N48W 5547mils.(True)
Elevation Angle: -89.5°
Horizon Angle: -82.2°
Zoom: 1X
owl pellet GKBFW003 and DKF scat



Date & Time: Tue Mar 5 14:09:47 PST 2013
Position: 11 N 688538 3725373
Altitude: 341ft
Azimuth/Bearing: 027° N27E 0480mils.(True)
Elevation Angle: -86.4°
Horizon Angle: -27.3°
Zoom: 1X
desert horned lizard juv



Date & Time: Wed Mar 6 11:38:49 PST 2013
Position: 11 N 689398 3723590
Altitude: 341ft
Azimuth/Bearing: 283° N77W 5031mils (True)
Elevation Angle: -57.0°
Horizon Angle: +04.8°
Zoom: 1X
mft!



Date & Time: Wed Mar 6 11:54:27 PST 2013
Position: 11 N 689640 3723922
Altitude: 371ft
Azimuth/Bearing: 338° N22W 6009mils (True)
Elevation Angle: -86.1°
Horizon Angle: +52.7°
Zoom: 1X
mft!



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/7/2013

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

Start Time: 6:08:00 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: 0608-Biologist swept pad 63 and all equipment staged at pad. No sensitive biological resources were identified during the sweep.

0725-Biologist monitored the removal of equipment from pad 63. No sensitive biological resources were impacted by the activity.

0830-Biologist swept connex corner. No sensitive biological resources were identified during the sweep.

0847-Biologist inspected plant site for open pits and holes and for trash, accumulated water and animal tracks. Trash found just north of power block 1 in the trenches and randomly scattered on the ground. Trash found accumulated along north fence of unit 2.

1125-Biologist checked ironwood trees west of unit 1 for signs of LOSH nesting. Old nests were found with no new sign of nesting.

1146-Biologist inspected solar panel fields for wildlife mortality. None was found.

1445-Biologist swept access road leading to pad 56 and pad 56. No sensitive biological resources were identified during the sweep.

1455-Biologist monitored Wasatch Electric installing rigging on structure 56. No sensitive biological resources were impacted by the activity.

1525-Biologist swept access road leading to pad 57 and pad 57. No sensitive biological resources were identified during the sweep.

1545-Biologist monitored crew installing rigging on structure 57. No sensitive biological resources were impacted by the activity.

1710-Biologist monitored the reshaping of berm near structure 52. No sensitive biological resources were impacted by the activity.

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 accumulated along north fence of unit 2. Trash found just north of power block 1 in the trenches and randomly scattered on the ground.
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 walking on ground near power block 1.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A
Additional Notes: N/A				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/7/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 66 Low Temp (°F): 62

Start Time: 10:00:00 AM Stop Time: 5:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 1030 inspect access road. No findings. 1100 observe anchor install. 1400 meeting. 1530 inspect unit 2. Noted wind blown trash sent photo to compliance. 1630 kick off meeting with night welders. Discussed lighting plan - including speed limits and wildlife. Gave phone number to attendees

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Reported to compliance.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	Observed vehicles appeared to obey speed limits.
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 flying by new admin building.
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 3/7/2013

Monitor: Shelly Dayman
 Weather Conditions: Cloudy, Clouds: 75%, Pcp: None
 High Temp (°F): 75 Low Temp (°F): 68

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, installed DKF camera at GKBTM002 as DKF Bug at this den last three days, searched for Yentl, checked camera cards and telemetry, met with Eric to discuss schedule, no water in DT permanent fence grate, two ravens near PB2 eating chicken bones, several uncovered trash cans observed in PB2
 0300 found dead sparrow (too decomposed to ID) beside access road, appears to be predated, photo and buried
 0315 cleared connex area while Wasatch picking up wire
 0330 DKF camera & telemetry continued
 0450 office to return equip and download camera cards, no mortalities 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		Ravens in garbage in PB2, uncovered trash mainly in PMI area, reported to ECM
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			Topsoil signs need replacing as do restoration area signs on access road
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-PB2 with fried chicken
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Sparrow (unknown species, decomposing) whiptail, RTGS, coyote, badger (sign), desert mule deer (tracks), zebra-tail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/7/2013

Monitor: Tim Skousen
 Weather Conditions: Partly Sunny, Clouds: 50%, Pcp: None
 High Temp (°F): 76 Low Temp (°F): 47

Start Time: 6:00:00 AM Stop Time: 4:09:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: Got to office by 0600, picked up GPS and met with Tim by 0630. We began working on Pre construction bird survey. Starting at unit 2 and headed east along access road. No nests observed. Animal species found on bottom of form. Left ROW by 1645.

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 were observed sitting on wooden poles
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: WCSP, NRSW, LOSH, HOLA, SASP, TUVU, CORA, zebra-tailed lizard, common side-blotched lizard, desert horned lizard, desert Iguana, Mojave fringe-toed lizard. BGGN, MODO, VGSW, VESP

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/8/2013

Monitor: Brian Weller
 Weather Conditions: Raining, Clouds: 85%, Pcp: Light
 High Temp (°F): 63 Low Temp (°F): 53

Start Time: 5:51:00 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: 0600-Biologist attended the Wasatch Electric tailboard. The foreman discussed the plan of the day and all related safety issues. The crew plans to set anchors at several pads and pull wire inside plant site. The biologist reminded crew about the importance of checking under their vehicles and to stay within approved work areas.

0630-Biologist replaced batteries in desert kit fox field camera at GKBCG002.

0730-Biologist swept pad 28 prior to crew beginning work. No sensitive biological resources were identified during the sweep.

0745-Biologist monitored the crew installing anchors at structure 28.
No sensitive biological resources were impacted by the activity.

1000-Biologist swept pad 31. No sensitive biological resources were identified during the sweep.

1015-Biologist monitored the crew installing anchors at structure 31.
No sensitive biological resources were impacted by the activity.

1345-Biologist checked v-ditches on west side of unit 1 for kit fox tracks. No tracks were found.

1416-Biologist checked plant site for open trash containers and ponded water. None were found.

1525-Biologist swept pad 45. No sensitive biological resources were identified during the sweep.

1535-Biologist monitored the crew installing anchors at structure 45.
No sensitive biological resources were impacted by the activity.

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: HOLA				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/8/2013

Monitor: Michael Rathbun
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: Trace
 High Temp (°F): 64 Low Temp (°F): 53

Start Time: 6:08:00 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: 0600 met with Tim to clear Pad 28 for anchor activity. We split up and I cleared pad 31 while Tim cleared pad 45. No animals were observed. We then met up again to continue pre construction nest survey between towers 28 and 38. This was all day, in partly cloudy to complete clouds and some rain. Very windy at time. Not a lot of bird activity or reptiles compared to yesterday.

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: BRSP, LOSH, WEME, SAVSP, CLSW, AMKE, NOHA, TUVU, zebra-tailed lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/9/2013

Monitor: Brian Weller
 Weather Conditions: Partly Sunny, Clouds: 40%, Pcp: None
 High Temp (°F): 67 Low Temp (°F): 47

Start Time: 5:55:00 AM Stop Time: 4:16:00 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 discussed the plan of the day and all related safety issues. The crew plans to pull wire inside of the plant and to install anchors at several pad locations. The biologist reminded crew to follow posted speed limits and to check under their vehicles for wildlife.

0630-Biologist swept pads and equipment at structures 48 & 50. The biologist also swept the connex corner. No sensitive biological resources were identified during the sweep.

0735-Biologist monitored the crew installing anchors at structure 48. No sensitive biological resources were impacted by the activity.

1201-Biologist swept pad 45. No sensitive biological resources were identified during the sweep.

1225-Biologist monitored the crew installing anchors at structure 45. No sensitive biological resources were impacted by the activity.

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 3/10/2013

Monitor: Tim Skousen
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 50 Low Temp (°F): 50

Start Time: 7:05:00 AM Stop Time: 1:55:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 07:00 Conducted 24 hour pre-con survey of 5 m width on south side of access rd from site #46 to 22. No sign of sensitive species.
 09:25 Conducted 24 hour pre-con survey of pull sites at sites #28 and #45, and every pad between #23 and #46 with M Rathbun in anticipation of tomorrows pulling activities. No sign of sensitive species.
 13:25 Dropped off data at office
 13:40 Road kill check on access rd- none. Departed.

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		Several tire tracks laid over drill tracks on south side of access rd between sites #30 and 34. Notified e german
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 3/11/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 40

Start Time: 6:00:00 AM Stop Time: 6:24:00 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 discussed the plan of the day and all related safety issues. The crew plans to pull wire inside the plant, install anchors at several pads, and haul spoils. The designated biologist pointed out that no work was to occur at pad 39 due to a BUOW in the area. He also reminded the crew to check under their vehicles.

0630-Biologist swept pad 45 and all staged equipment at the pad. The biologist also swept pad 50. No sensitive biological resources were identified during the sweep.

0715-Biologist monitored the crew installing anchors at pad 50. No sensitive biological resources were impacted by the activity.

0900-Biologist monitored spoil removal at the connex corner and pads 43,45, and 28. No sensitive biological resources were impacted by the activity.

1025-Biologist swept pad 28. No sensitive biological resources were identified during the sweep.

1040-Biologist monitored the crew augering and trenching holes for anchors at pad 28. No sensitive biological resources were impacted by the activity.

1410-Biologist swept pads 25-35. No sensitive biological resources were identified during the sweep.

1510-Biologist monitored the placing of travelers at pads 25-35. No sensitive biological resources were impacted by the activity.

1555-Biologist swept pad 31. No sensitive biological resources were identified during the sweep.

1610-Biologist monitored the crew augering and trenching holes for anchors at pad 31. No sensitive biological resources were impacted by the activity.

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		X	N/A	N/A

species in comments and attach wildlife incident data form.X				
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?				
Additional Notes: Zebra-tailed lizard, RTHA				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/11/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 45

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: 0600 JHA with t-line crew. 0700 line out monitors for surveys and tasks. 0800 Dkf monitoring. 0930 inspect Arizona crossing corner. No findings. Reported light plants from morning parking pointed toward desert - east side of unit 2 toward east. 1000 removed and disposed 2 KRat mortalities from access road. 1115 reported food trash in uncovered dumpster. 1230 inspect Arizona crossing corner. No findings. 1300 Dkf monitor. 1400 meeting. 1645 visual search for foxes in fenced temporary laydown. No findings b

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 containers reported to compliance. Crews to cover.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	Observed vehicles appeared to be following speed limit.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		Structure 39 - a BUOW seen during weekend surveys about 200 feet away. No activity allowed at location
Common Ravens Present? If yes, note number and activity.	X			2 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: MODO

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/11/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 41

Start Time: 6:20:00 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: 0700 to 1410 Conducted nesting bird surveys (transects) along north side of I-10, from pole 46 to 5
 1415 to 1530 assisted with unloading pulleys on access road
 1530 to 1545 met with eric
 Last task check in BUOW in drainage channel

Monitor Checklist

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

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/11/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 48

Start Time: 6:10:00 AM Stop Time: 4:20:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:10 Arrived on site at site#63. Swept equipment parked here.
 06:25 Road kill check on access road to plant- kangaroo rat removed and buried.
 06:45 Met w monitors at lay-down area.
 07:45 Monitored active burrowing owl burrow near site 39. Owl not seen.
 09:00 Met w contractor (Frontier) to discuss days activities.
 09:45 Monitored at gas line ROW as fiber is pulled through the innerduct.
 12:45 Crew departs for lunch.
 13:20 Swept sites #22 - 24- travelers for pulling wire are soon going to be unloaded here.
 13:45 Monitored as road between sites #52 and 53 is graded
 14:30 Monitored as fiber is pulled through innerduct between sites #52 and #54.
 16:00 Work finishes for the day and crew departs. Departed for Blythe.

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 seen perched on structure #58, 2 north of hwy
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Incidentals:
 Prairie Falcon

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/11/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 45

Start Time: 6:45:00 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: 6:45 Arrived at connex corner.
 7:15 Met Eric. Received GPS unit and Mike, Ron and I are to do preconstruction surveys from Pole 46 to 56.
 7:30 - 2:30 Preconstruction surveys from Pole 46 to 56.
 8:00 Raven flying in an easterly direction roughly parallel to the pole alignment between Poles 49 - 54.
 1:15 Raven landed in nest.
 2:30 - 4:15 Monitored off-loading of T-line pulleys to Pole 41.

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			Raven nesting on wooden power pole to the east of pole 54.
Common Ravens Present? If yes, note number and activity.	X			Raven flying in an easterly direction roughly parallel to the pole alignment

				Xbetween Poles 49 - 54. Raven landed in nest.
All ESAs and other bio-related exclusion areas marked and avoided?		N/A		
Additional Notes: Ravens, sage sparrow, Anna's hummingbird, turkey vulture, swallows (unidentified), horned larks, Le Conte's thrasher, zebra-tailed lizards, desert iguanas, Mojave fringe-toed lizards, Great Basin whiptails				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/12/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 87 Low Temp (°F): 45

Start Time: 6:06:00 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: 0610-Biologist swept connex corner, the adjacent unpaved access road, and pads 54-56. The biologist also swept pads 31, 28 and all equipment staged there. No sensitive biological resources were identified during the sweep.

0720-Biologist monitored the crew installing anchors at pad 31. No sensitive biological resources were impacted by the activity.

0900-Biologist swept a 300 foot buffer around pad 28 in preparation for wire pulling activities. No sensitive biological resources were identified during the sweep.

1115-Biologist swept a 300 foot buffer around pad 31 and 33 in preparation for wire pulling activities. No sensitive biological resources were identified during the sweep.

1420-Biologist monitored the crew installing anchors at pad 28. No sensitive biological resources were impacted by the activity.

1500-Biologist monitored crew delineating pull sites at pads 28 and 33. No sensitive biological resources were impacted by the activity.

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 on north side of paved access road.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: TUVU, zebra-tailed lizard.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/12/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 48

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: 0600 t-line plan of day JHA meeting. 0800 visually inspect fenced pipe laydown. No fox findings. 0845 Single BUOW present at east channel. 0900 inspect STR 28 auger hole closure. Snow fencing and holes covered noted. 1000 inspect south of i10 for fiber. Fiber at STR 57. 1145 discussed pad 45 with contractor. Contractor to determine correct row. 1400 meeting. 1545 inspect for owl in unit 2 east channel. 1615 mark buffers at fox and owl (near structure 23 and 39).

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			Having t-line maintain staking.
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Reported uncovered trash to compliance. Trash covered at end of day.
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			Vehicles observed appear to follow speed limit.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			100% fence walk completed by bio.
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 3/12/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 81 Low Temp (°F): 45

Start Time: 6:30:00 AM Stop Time: 5:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0650 - 0850 conducted monitoring of evaporation ponds COC bio-21
 0915-1132 walked Unit 2, fence check
 1200-1300 midday evaporation pond monitoring
 1315-1500 walked Unit 1 fence check
 1535-1735 dusk evaporation pond monitoring

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 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 3/12/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 50

Start Time: 6:20:00 AM Stop Time: 4:35:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:25 Arrived on ROW at site #52. Swept equipment here, and access road and sites #52 and 49.
 07:10 Met w contractor to discuss days activities.
 07:25 Monitored as fiber is pulled at sites #49, 54, 56, 57, and 58.
 11:40 Lunch break
 12:25 Resumed monitoring as fiber is pulled.
 13:00 Monitored as hand hole is dug deeper and steel plates are placed at site #54, and steep plate installed at hand hole just south of Hwy.
 14:10 Activity ceases and crew departs.
 16:05 Checked pipe laydown area in unit 2 section 6 for any sign of kit fox activity- none.
 16:25 Departed for Blythe.

Monitor Checklist

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

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/12/2013

Monitor: Vick Germany
Weather Conditions: Sunny, Clouds: 0%, Pcp: None
High Temp (°F): 87 Low Temp (°F): 51

Start Time: 6:30:00 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: 6:30 - 10:05 Cleared pads 22 - 40, but skipped 31 because crew was on-site and a bio monitor (Brian) was present. Cleared 300 feet on both sides of pad 28.
9:10 Near pole 35, a northern harrier flew easterly across the paved access road and a kestrel made one swoop at it. The kestrel then landed on a wooden telephone pole, while the harrier continued flying.
10:05 - 10:20 Met Eric to get update on work flow. Before continuing on from pad 40, I need to clear area between pads 32 and 33 because that is the area where they will be pulling wire. Once I clear that area, I am to clear pad 45 (300 feet on both sides), and then continue clearing from pad 41 to 46, and connex corner.
10:25 - 10:45 Cleared area between pad 32 to 33.
11:00 - 1:45 Cleared 300 feet on either side of pad 45. Cleared pads 41 - 44 and 46. A Mojave fringe-toed lizard was under a creosote bush outside of pad 46 boundary. Cleared connex corner.
12:55 Spotted a dead lizard in the road on my way to the connex corner. It was in the 'S' curve portion of the road by pad 48. I pulled over a hundred or so feet past it, and when I got out of my vehicle to get the shovel, a turkey vulture was eating the lizard. Do not know the species, but it was in the area where Mojave fringe-toed lizards have been seen. The lizard was killed sometime between 11:00 (when I last drove that section of road) and 12:55.
1:50 Drove paved access road between guard shack and desert tortoise grate looking for road kill. None observed.
2:15 Drove Dee Watson back to trailers from pad 45.
2:45 - 4:50 Met with Eric and Nick regarding t-line work. Worked with Eric putting up cross lathes (X) near area of kit fox and burrowing owl.
4:50 - 5:10 Stayed with Wasatch crew at connex corner until they left.

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: Brewer's sparrows, northern harrier, kestrel, turkey vulture, zebra-tailed lizards, desert horned lizard, Great Basin whiptail, Mojave fringe-toed lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/13/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 93 Low Temp (°F): 51

Start Time: 6:10:00 AM Stop Time: 5:28:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0610-Biologist swept unpaved access road and pads 54-56. No sensitive biological resources were identified during the sweep.

0915-Biologist swept pads 41-50. No sensitive biological resources were identified during the sweep

1010-Biologist monitored crews working with ground rods at pads 41-50. No sensitive biological resources were impacted by the activity.

1130-Biologist monitored spoil removal from pads 28 & 31. No sensitive biological resources were impacted by the activity.

1215-Biologist swept pad 39. No sensitive biological resources were identified during the sweep.

1230-Biologist monitored the removal of spoils from pad 39. The biologist also monitored the BUOW burrow north of the pad. No owl was observed and no other sensitive biological resources were impacted by the activity.

1425-Biologist monitored fiber-splitters near structure 57. No sensitive biological resources were impacted by the activity.

1520-Biologist monitored water trucks watering pads 22-56. No sensitive biological resources were impacted by the activity.

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

Additional Notes: TUVU, AMKE

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/13/2013

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

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

Sites Monitored

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

Activity Log: 0530 inspect access road. No findings. 0600 JHA with t-line crew 0700 inspect for BUOW in east Channel. No BUOW observed. 0730 tailboard with t-line foremen re: outside fence activities. 0900 inspect pull site at 45. 1000 meeting. 1100 inspect fenced pipe laydown. No findings. 1145 inspect 45 for row flagging. Flagging in place. 1245 monitor splice crew. No findings. 1315 inspect corner by Arizona crossing. No findings. 1400 meeting. 1530 t-line updates. 1615 check pipe laydown visually and camera cards. No fox sign. 1645 discuss staging of string crew with bio.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Site is cleaner.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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: Report of road runner lower blocks of unit 1 two days ago. Bees reported in powerblock 1 yesterday. Bees gone today.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/13/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 50

Start Time: 6:20:00 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: 0620-0635 cleared connex area
 0635-1145 cleared access road pads for conductor pull
 1145-1700 kit fox telemetry

Monitor Checklist

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

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/13/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 96 Low Temp (°F): 56

Start Time: 6:20:00 PM Stop Time: 7:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:20 Arrived at site #57. Swept equipment here, road between here and site # 63, and equipment at site #63.
 07:00 Met w contractor (Frontier) to discuss days activities.
 07:30 Monitored as fiber is pulled through interdict and wound (figure 8) at existing Blythe line sites #110, 113, and 114; and at sites #61.
 16:20 Monitored as open holes at existing Blythe line #114 and 113 are backfilled.
 16:45 Monitored as fiber is pulled at site# 61 and 58.
 19:00 Activity ends for day and crew departs. Departed for Blythe.

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 seen south of hwy 10.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Adult MFTL found at 0695543 x 3718761; near existing Blythe line site #113.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/13/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 52

Start Time: 6:30:00 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: 6:30 Met Ron at connex corner to figure out how to split up surveys. I walked box at pole 33 and drove access road looking for road kill. Scrapped up and buried a k-rat and an unidentifiable lizard.
 7:30 Attended tailboard at pole 22.
 8:15 - 9:50 Cleared track area between poles 22 - 33.
 9:50 - 10:00 Met with Eric and Ron and discussed work flow.
 10:05 Drove access road to guard shack looking for road kill. None observed.
 10:30 Checked connex corner.
 10:40 Drove access road to pole 22. Saw a pair of ravens, one flying low along the access road. Scrapped up and buried an unidentifiable lizard near pole 25.
 11:20 Checked channel for burrowing owl. Did not see it.
 11:40 Talked to Dustin, Wasatch, and he said it would be another 3 hours before they move outside of the fence.
 12:00 Met Eric and Ron at pole 22 to discuss work flow.
 12:20 Inserted camera card at TM002 but there was an error message about the card. Left card in camera and turned it off. Texted Eric and Ron.
 12:35 - 2:10 Checked in between mirrors for dead or injured birds in Unit 2. Found none.
 2:15 - 2:40 Checked in between mirrors for dead or injured birds in Unit 1. Found none.
 2:20 Two ravens flying parallel to the permanent fence along the channel near the evaporation ponds.
 2:40 - 3:20 Drove around Unit 1 looking for trash. Did not see any uncovered trash cans or piled up trash.
 3:30 - 5:20 Wasatch heading outside of plant site. Equipment will be going to pole sites 28 and 33, also to connex corner. Cleared pole sites 28 and 33. Wire truck got stuck in the sand at pole 28 and they brought out a loader to pull it onto correct position. All of this was within the roped off 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			a pair of ravens, one flying low along the access road. Two ravens flying parallel to the permanent fence along the channel near the evaporation ponds.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A
Additional Notes: Brewer's sparrows, kestrel, ravens				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/14/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 92 Low Temp (°F): 54

Start Time: 6:16:00 AM Stop Time: 6:10:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0620-Biologist swept connex corner, unpaved access road, and pads 54-56. No sensitive biological resources were identified during the sweep.

0730-Biologist monitored the transferring of steel poles to pads 54-55. No sensitive biological resources were impacted by the activity.

0845-Biologist monitored the setting of a pole at 54. No sensitive biological resources were impacted by the activity.

1615-Biologist monitored the setting of a pole at 55. No sensitive biological resources were impacted by the activity.

1735-Biologist swept pad 45. No sensitive biological resources were identified during the sweep.

1745-Biologist monitored the crew shaking out material at pad 45. No sensitive biological resources were impacted by the activity.

Monitor Checklist

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

Additional Notes: Desert iguana.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/14/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 95 Low Temp (°F): 56

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 inspect access road. Some litter picked up. 0600 t-line safety and pod meeting. 0700 , and throughout day, monitor/clear t-line 33 to plant site. Backhoe directed by me to go south of structure 31 into area outside of box but still in ROW to string. No impacts. 0840 inspect connex corner. No findings. 0900 south of i10 activities monitored 1130 meeting (cancelled). 1230 office. 1400 meeting. 1600 visually inspect pipe laydown. Unit 2.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Site is cleaner.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			25 night speed limit to go into effect Monday.
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		Say's phoebe flying in common area.
Common Ravens Present? If yes, note number and activity.	X			2 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Say's Phoebe. Zebra-tailed lizard.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/14/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 93 Low Temp (°F): 56

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

Sites Monitored

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

Activity Log: 0630-1300 cleared pads 33-28 and monitored conductor pull, walked south ROW from 33 to connex corner, replaced Reconyx camera just south of pole 22.

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 3/14/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 93 Low Temp (°F): 91

Start Time: 1:15:00 PM Stop Time: 5:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 115 DKF cameras, telemetry and potential den checks, cleared some road kill from access road, no water in DT grate of permanent fence

Monitor Checklist

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

Additional Notes: Zebra-tail lizard, RTGS, coyote (sign), DKF (sign), Dipodomys sp.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/14/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 98 Low Temp (°F): 64

Start Time: 6:20:00 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: 06:25 Arrived on ROW at site #58. Swept equipment here, checked open trench here and at site #62, and drove access road to site#63. Swept site # 63.
 07:00 Met w contractor (Frontier) to discuss days activities.
 07:30 Monitored at sites #58 and 61 as trenches are dug and wire is pulled.
 07:50 monitored at existing Blythe line site #110 as fiber is wound.
 08:35 Monitored at sites #58 and 61 as fiber is pulled and holes are backfilled.
 10:00 Monitored at sites #110 and 108 as trenches are dug, and fiber is pulled and wound.
 12:40 Lunch break
 13:50 Crew returns. Monitored at sites #102, 105 and #108 as trenches are dug and fiber is pulled send wound.
 17:25 Work finished and crew departs. Departed for Blythe.

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 seen flying near site#58 and one seen flying over DPV2 road near # 110.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Adult MFTL seen at 696404 x 3718765, between sites #109 and 108.
 2 additional adult MFTL seen near site #102: 698334 x 3718773; and 698356 x 3718687
 Incidentals:
 Sage thrasher
 White crowned sparrow
 Vesper sparrow

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/14/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 94 Low Temp (°F): 53

Start Time: 6:30:00 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: 6:30 - 9:00 Drove access road to pole 28. No roadkill observed. Cleared from pole 28 to 22, and along shoulder on north side of the access road. Ron and I checked camera card at TM002 and I had inserted it properly, but it was still displaying an error message.
 9:00 - 9:50 Drove to south side of I-10 and walked in to check fiber splicing crew working in area of poles 57/58.
 10:00 - 5:30 Monitored installation of pulleys starting at pole 33 and ending at pole 25. Walked in front of backhoe. No sensitive species 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: Brewer's sparrows, desert iguana, zebra-tailed lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/15/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 93 Low Temp (°F): 59

Start Time: 6:15:00 AM Stop Time: 6:20:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0615-Biologist swept connex corner, unpaved access road, and pads 54-56. No sensitive biological resources were identified during the sweep.

0725-Biologist monitored the setting of a pole at pad 55. No sensitive biological resources were impacted by the activity.

1235-Biologist monitored the mobilization of a pole to pad 63. No sensitive biological resources were impacted by the activity.

1255-Biologist swept pad 63. No sensitive biological resources were identified during the sweep.

1330-Biologist monitored the setting of a pole at pad 63. No sensitive biological resources were impacted by the activity.

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 past pad 54.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Western whiptail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/15/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 54

Start Time: 5:30:00 AM Stop Time: 2:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0530 inspect access road no findings. 0600 t-line morning tailboard. 0730 inspect pipe laydown. No foxes seen visually or on camera. 0840 inspect east channel for BUOW No BUOW seen. 1000 inspect t-line. Activities appear to be in compliance. 1200 office. 1330 t-line to discuss stringing options. No change in stringing at this time. 1430. 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			Trash containers covered.
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 perched. 2 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/15/2013

Monitor: Shelly Dayman
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 93 Low Temp (°F): 63

Start Time: 9:07:00 AM Stop Time: 5:48:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0900 access road, checking DKF and removing roadkill, two MFTL mortalities, DKF camera and telemetry, changed batteries at GKBFW002
 0400 checked PB2 for trash, Newtron area with covered bins, still garbage bags, bins with no lids and bins with lids cut out in PMI area
 0430 numerous Sahara mustard plants in seed in Unit 1 Blocks 3 and 4, other desert vegetation growing in this area, evaporation pond netting appears intact and no trapped wildlife noted, water present in northern pond only
 0500 checked PB1, a lot of construction related trash, piles of concrete etc but food trash not observed
 0530 set up new DKF camera at GKBTM001 where DKF Bug is present
 0545 access road, no roadkill

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: MFTL, zebra tail,

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/15/2013

Monitor: Tim Skousen
 Weather Conditions: Partly Sunny, Clouds: 55%, Pcp: None
 High Temp (°F): 96 Low Temp (°F): 50

Start Time: 6:20:00 AM Stop Time: 3:05:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:20 Arrived on ROW at site#63. Swept equipment.
 06:40 Swept equipment at existing Blythe line site #102; and site #99.
 07:15 Met w contractor (Frontier) to discuss days activities.
 07:50 Monitored at existing Blythe line sites #95, 98, 99, and 102 as trenches are dug, fiber is pulled and wound, and trenches are backfilled.
 13:20 Monitored at site #57 as trailer is unloaded.
 13:35 Crew finished for the day and departs.
 14:00 Road kill check on access rd. to plant.
 14:30 GPS at office. Departed.

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			2 open trenches, at existing Blythe line sites# 102 and 95, left open. Appropriate escape ramps are in place.
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: Incidentals:
 Mourning dove
 Horned lark

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/15/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 95 Low Temp (°F): 58

Start Time: 6:30:00 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: 6:30 Cleared equipment at pole 33 and 28. Cleared backhoe at pole 25 and cleared area between poles 25 and 22. Scraped up and buried unidentifiable lizard by pole 24.
 7:15 - 10:15 Monitored rope stringing crew until they moved into plant site.
 7:30 Two ravens flying in a westerly direction by pole 24.
 10:20 - 11:45 Drove along access road between poles 22 - 33 resetting restoration and ESA signs.
 12:00 - 1:20 Cleared between poles 45 - 40 and along the opposite side of the road.
 1:30 - 2:40 Drove access road from guard shack to plant site. Crew still working within plant site but will be pulling wire between 22 - 33. Returned kit fox camera and sledge hammer.
 2:50 - 4:45 Checked area around poles 28 and 33. Did a windshield survey of the other pole areas to 22. Also did a windshield survey of north shoulder between poles 22 - 33. Monitored work at pole 28. One of the pullers overheated.
 5:05 Confirmed with Nick, Wasatch, that they will not be going back outside of the 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			Two ravens flying in a westerly direction by pole 24.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Ravens, Brewer's sparrows, turkey vultures, white-crowned sparrows, zebra-tailed lizard

Date & Time: Thu Mar 7 14:42:33 PST 2013
Position: 11 N 689430 3724063
Altitude: 3281ft
Azimuth/Bearing: 162° S18E 2860mils (True)
Elevation Angle: -86.4°
Horizon Angle: +43.3°
Zoom: 1X
dead bird access road



Date & Time: Thu Mar 14 17:20:40 PDT 2013
Position: 11 N 693008 3721233
Altitude: 3671ft
Azimuth/Bearing: 001° N01E 0018mils (True)
Elevation Angle: -74.7°
Horizon Angle: +03.5°
Zoom: 1X
dead rags on access road



Date & Time: Fri Mar 15 09:48:50 PDT 2013
Position: 11 N 692541 3721652
Altitude: 3715
Azimuth/Bearing: 020° N20E 0356mils (True)
Elevation Angle: -83.1°
Horizon Angle: -01.4°
Zoom: 1X
MFTL road kill, access road



Date & Time: Fri Mar 15 09:53:43 PDT 2013
Position: 11 N 692442 3721700
Altitude: 351ft
Azimuth/Bearing: 064° N64E 1138mils (True)
Elevation Angle: -81.5°
Horizon Angle: -24.5°
Zoom: 1X
MFTL road kill, access road, second one



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/16/2013

Monitor: Brian Weller
 Weather Conditions: Partly Sunny, Clouds: 25%, Pcp: None
 High Temp (°F): 97 Low Temp (°F): 53

Start Time: 5:50:00 AM Stop Time: 7:20:00 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 discussed the plan of the day and all associated safety issues. The crew plans to pull wire from structure 33-21. The crew also will do foundation work at structure 55. The biologist reminded crew to check underneath their vehicles and to not leave any trash.

0625-Biologist swept connex corner and pads 33-22 along with all equipment staged at and between those pads. Biologist also swept pad 63 and the equipment staged there and pad 55. No sensitive biological resources were identified during the sweep.

0735-Biologist monitored wire pull at pads 33 and 28. Biologist monitored this activity continuously throughout the day. No sensitive biological resources were impacted by the activity.

1415-Biologist monitored foundation work at structure 55. No sensitive biological resources were impacted by the activity.

1450-Biologist swept pads 39-46.
 No sensitive biological resources were identified during the sweep.

1510-Biologist monitored the placing of travelers at pads 39-46. No sensitive biological resources were impacted by the activity.

1545-Biologist monitored the mobilization of the D-8 dozer from connex corner to pull-site at structure 33. No sensitive biological resources were impacted by the activity.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 ravens perched on pole at structure 29.

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 3/18/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 78 Low Temp (°F): 49

Start Time: 6:10:00 AM Stop Time: 10:27:00 AM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0610-Biologist swept connex corner, pads 48-45 and pads 33-39. No sensitive biological resources were identified during the sweep.

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

0840-Biologist checked units 1 and 2 for trash and ravens. Trash was found scattered on ground just east of power block 2. There also was an uncovered trash can full of food wrappers and food scraps. Chicken bones were on the ground next to the can. The biologist informed the compliance lead about the trash. No ravens were observed.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Trash was found scattered on ground just east of power block 2. There also was an uncovered trash can full of food wrappers and food scraps. Chicken bones were on the ground next to the can.
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 3/18/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 59

Start Time: 5:20:00 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: 0520 inspect access road. Traffic at 25 mph. 0600 t-line meeting. 0630 inspect east channel for BUOW. no BUOW seen. 0715 inspect t-line. 0830 inspect connex corner. Crew prepping to load wire. No findings. 0900 Dkf monitor. Heard 900 and 525 at usual locations. 1000 meet with utility locator. Work to be done with wand. No ground disturbing work. Inspected 49- 55. No findings. 1030 inspect structure 45,(guy line area too) and proximate area. No findings. 1115 inspect mirrors north side of unit 2. No findings. 1145 inspect pipe laydown for foxes. No foxes or fix sign seen visually or on camera 1215 reported uncovered roll off to compliance. Compliance following up. 1230 inspect powerblock 1. No findings. 1315 Office. 1400 meeting. 1445 discuss t-line activities. 1500 report of bees unit 2 block 9 rows 13-14. Investigated. Honey bees. To be left in place. 1600 inspect pb2. Picked up some litter. Reported to compliance. To be discussed at 1400 meeting.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Compliance to follow up
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			Unit 2 temporary exclusion fence checked by bio. No breaches found.
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			1 in common area parking.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Black tailed jack rabbit tail found by bio. Bio reported and remain was investigated.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/18/2013

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

Start Time: 6:30:00 AM Stop Time: 6:22:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0630-0745 cleared pads 33 to plant site prior to work
 0745- 1821 Monitored guide wire installation at pole 45, also monitored set up of conductor pull operations

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?			X	N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Cleared pads 33 to plant site
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?			X	N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.			X	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 3/18/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 73

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

Sites Monitored

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

Activity Log: 1015 no roadkill on access road, all construction activity observed with bio monitor present, no water in permanent DT fence tort grates, DKF camera and telemetry, created new DKF map of camera locations for bio monitors, discussed potential for GKBTM001 and 002 to be natal dens and reviewed DKF plan with DB for future work along access road, checked access road for roadkill, none 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			1-access road on power pole
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, desert iguana, CORA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/18/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 58

Start Time: 6:35:00 AM Stop Time: 3:40:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:35 Arrived on ROW at site #33. Communication w E German.
 06:50 Conducted 24 hr. pre-con survey of pad and road shoulder at sites #40 to 44. No sign of sensitive species.
 07:55 Conducted nesting bird survey at existing Blythe site #110.
 09:30 Met w contractor (frontier) to discuss days activities.
 09:50 Swept equipment at site #57. Escorted backhoe to site #56.
 10:00 Monitored as steel plate is installed over hand hold at site #56.
 10:40 Monitored as trench is dug, and fiber is pulled and wound at existing Blythe line sites #95 and 92
 14:45 Work ends and crew departs for day.
 15:00 Conducted 24 hr. pre-con survey at sites 89, B, and E in CRS area. No sign of sensitive species..
 15:45 Resumed nesting bird survey of this morning.
 16:25 Departed.

Monitor Checklist

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

Additional Notes: 2 adult MFTL seen at existing Blythe line site #95. 3 MFTL seen west of site#110.

Date & Time: Mon Mar 18 08:35:32 PDT 2013
Position: 11 N 692055 3722077
Altitude: 380ft
Azimuth/Bearing: 063° N63E 1120mils (True)
Elevation Angle: -82.8°
Horizon Angle: +23.4°
Zoom: 1X
tail



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/19/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 58

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

Sites Monitored

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

Activity Log: 0612-Biologist swept connex corner, pads 48-34, and all staged equipment at the pads. No sensitive biological resources were identified during the sweep.

0725-Biologist monitored the pulling of fiber-optic from structure 28 to structure 45. Biologist monitored this activity continuously throughout the day. No sensitive biological resources were impacted by the activity.

0845-Biologist swept unpaved access road leading to pad 57 for fiber-optic splicing crew. No sensitive biological resources were identified during the sweep.

0900-Biologist monitored the splicing crew. The crew will be stationary and will not be conducting any soil disturbing activities. They will be spot checked throughout the day. No sensitive biological resources were impacted by the activity.

1100-Biologist swept pad 63 and all equipment staged there. The crew plans to remove a crane from the pad. No sensitive biological resources were identified during the sweep.

1125-Biologist returned to monitoring wire pulling crew at structure 34. No sensitive biological resources were impacted by the activity.

1235-Biologist monitored crew clipping fiber line from 28-22. No sensitive biological resources were impacted by the activity.

1335-Biologist checked with splicing crew near pad 57. No sensitive biological resources were impacted by the activity.

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: TUVU, desert iguana.				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/19/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 45%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 57

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

Sites Monitored

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

Activity Log: 0530 monitor access road. Speed limits appeared to be observed. 0600 t-line morning meeting. 0645 office. 0730 inspect honey bees unit 2 block 9 rows 13 14. Bees still present. Notified compliance and contractor safety of continued bee presence. 0815 inspect pipe laydown visually for foxes. No fox or fox sign seen. 0900 monitor/plan with bios re line pulling 28 to 45. 1000 remove and release sidewinder from unit 2 block 10. 1045 escort beekeeper to swarm. Swarm removed. 1130 inspect pb2 for bird remains. Remains found, lesser goldfinch unknown cause of mortality, and disposed. 1215 remove horned lizard road mortality and dispose b1400 meeting. 1530 inspect for BUOW in east channel. Owl not seen.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?			X	Site is much cleaner. Power blocks need improvement. Compliance has been holding contractors accountable. Good job.
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			Unit 1 perimeter fence inspected by bio monitor.
Any nesting birds observed? Note species (if known) and location.			X	Possible LOSH nest noted in area proximate to prior year nest.
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: Lesser Goldfinch, sidewinder, report of deer along access road.
 Monitor reported LOSH in CSAA tree, possible nest. To be investigated further.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/19/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 83 Low Temp (°F): 60

Start Time: 6:30:00 AM Stop Time: 5:14:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0630-0730 cleared access road from pad 33 to plant site
 0730-1720 monitored conductor stringing along access road to pole 45.
 Also checked in with BLM archeologist and explained DKF den areas.

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		New traffic flagger needs hard hat sticker
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 3/19/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 75

Start Time: 9:47:00 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: 0945 DKF cameras and telemetry
 1150 chased MFTL off road, continued DKF work
 1245 office to download camera cards and discuss schedule and weekend work with Eric
 0310 visited WBO location in channel, owl not present
 0345 access road to pole 56 with Omni, Yentl not detected, checked DKF Guard den, no DKF activity, no roadkill on access road
 425 to DKF den GKBGL002, south of I10

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: MFTL, TUVU, lesser goldfinch, zebra-tailed lizard, western whiptail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/19/2013

Monitor: Tim Skousen
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 60

Start Time: 6:15:00 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: 06:25 Arrived on ROW at existing Blythe line site #95. Swept equipment here. 06:40 Swept equipment at site #63. Drove access road from site #63 to site #57, then to Wiley's Well Rd. 07:00 Met w contractor (Frontier) to discuss days activities. 07:25 Swept site #92 before fiber winding begins here. 08:45 Monitored as empty fiber spools are loaded onto trailer at existing Blythe line sites #113 and 114. 09:15 Monitored as trenches are dug, and fiber is pulled and wound are existing Blythe line sites #92, 89, and adjacent to site B. 14:45 Crew finishes work for day and departs. 15:40 Walked perimeter tortoise fence of unit 1. No breeches or issues. 17:45 Monitoring form, dropped GPS off in office, signed safety form. 18:25 Road kill check on access rd. to plant. None. Departed for Blythe.

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			4seen during day along ROW and at plant
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Adult MFTL encountered at site 89, at 0701886 x 3718623. It ran under the backhoe, and was removed and released. 1 more adult, 2 juveniles seen at site 89. Juvenile MFTL seen at site #90, at 07016287 x 3718624. Adult MFTL seen on dirt access road to CRS a

Date & Time: Tue Mar 19 11:39:30 PDT 2013
Position: 11 N 687027 3726268
Altitude: 389ft
Azimuth/Bearing: 255° S75W 4533mils (True)
Elevation Angle: -60.4°
Horizon Angle: +00.4°
Zoom: 1X
bird remain s pb2.



Date & Time: Tue Mar 19 16:26:36 PDT 2013
Position: 11 N 694732 3717670
Altitude: 361ft
Azimuth/Bearing: 346° N14W 6151mils (True)
Elevation Angle: -87.5°
Horizon Angle: +10.6°
Zoom: 1X
gkbg1002



Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/20/2013

Monitor: Brian Weller
 Weather Conditions: Partly Sunny, Clouds: 55%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 61

Start Time: 6:23:00 AM Stop Time: 6:27:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0625-Biologist swept pad 33 and all equipment staged there. No sensitive biological resources were identified during the sweep.

0745-Biologist monitored wire pull from structure 33 to structure 45. Biologist monitored this activity continuously throughout the day. No sensitive biological resources were impacted by the activity.

1300-Biologist delineated the laydown area near Arizona crossing with lathe.

Monitor Checklist

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

Additional Notes: Zebra-tailed lizard, desert iguana, western whiptail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/20/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 80%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 54

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. 0600 JHA with t-line and plan of day. 0630 assist with clear of t-line. Plant site to 33. Then to 45. No sensitive species findings. Noted some leaks beneath vehicle. Reported to contractor. 0930 inspect fiber line. Activities appear in compliance. 1400 meeting. 1445. Meet agencies to inspect evaporation pond. Two red wing black birds seen inside enclosure of evaporation pond Great tailed grackle attempting to enter net. Also looked at temporary fenced laydown and pedestrian gate closures. 1700 opened gate and chased red winged black birds out of evaporation pond. Grackle not seen.

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		Wind blown ice bags on access road. Picked up.
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			Speed limits appeared to be observed.
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 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Red wing blackbird, great tailed grackle, road runner, TUVU

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/20/2013

Monitor: Ron Walker
 Weather Conditions: Cloudy, Clouds: 0%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 58

Start Time: 6:30:00 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: 0630-0730 cleared access road and pole pads
 0730-0810 cleared pads 45-56
 0810- 1250 Monitored pulling of conductor along access road to plant site
 1250-1630 worked on Dkf telemetry with Shelly Dayman
 1630-1720 got birds out of evaporation pond
 1730 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 3/20/2013

Monitor: Shelly Dayman
 Weather Conditions: Partly Sunny, Clouds: 25%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 68

Start Time: 10:30:00 AM Stop Time: 5:50:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 1030 began telemetry along access road with Omni, CDFW reported getting live ping for Yentl in vicinity of speed radar signs, GKBFW001 last night, walked area both north and south of access road with Omni, no pings, cleaned up road killed western patch-nosed snake, chases zebra-tails off road, live pings for DKF Honey and Bug using Omni, camera and telemetry for Flash, met with Ron and showed him DKF camera and telemetry, set up camera at GMACG002 (Honey's new den), visited Yentl's area, no pings
 0430 went with Ron to evaporation ponds to assist Eric with flushing two red-winged blackbirds out of netted area
 535 DKF telemetry along access road searching for Yentl, no ping, 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			Cleaned up some trash on 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			2-south of access road, 1-north of evaporation pond
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Zebra-tailed lizard, western patch-nosed snake, CORA, desert iguana, western whiptail, red-winged black birds

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/20/2013

Monitor: Tim Skousen
 Weather Conditions: Partly Sunny, Clouds: 70%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 64

Start Time: 6:25:00 AM Stop Time: 4:25:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:25 Arrived on ROW at site #63. Swept equipment parked here and drove road between sites #63 and 57. 07:00 Meeting w contractor (Frontier) to discuss days activities. 07:40 Swept equipment adjacent to site B. Monitored as fiber is pulled and coiled here and at site F. 09:20 Monitored as hand holds are installed at site adjacent to site B, and at existing Blythe line sites #102 and #110. 13:00 Monitored as steel plate is installed over hand hold at site #57-58. 13:35 Crew finishes for day and departs. 13:50 Spot check at site #102. Fiber splice almost finished for day. 14:50 Checked on possible LOSH nest outside of west fence of Unit 1. Neither shrike nor nest observed. 16:25 Departed for Blythe.

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: Adult MFTL seen on Edison's blacktop road near existing Blythe line site 110. I attempted to remove lizard from road, but it ran off to nearby shrub and could no longer be seen. Adult MFTL seen at site 113. Juvenile and 3 adult MFTL seen at site 110, all I

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/21/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 87 Low Temp (°F): 69

Start Time: 5:46:00 AM Stop Time: 6:11:00 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. The foreman discussed plan of the day and all related safety issues. The crew plans to pull wire, fiber-optic cable, and mobilize to pad 54 for continued pulling. The designated biologist reminded crews to check under their vehicles, work in approved areas and to be alert for snakes.

0620-Biologist swept paved access road, pad 45, all staged equipment along road and pads 48-33. No sensitive biological resources were identified during the sweep.

0730-Biologist monitored the mobilization of equipment from pad 33 to 45 and laydown yard. No sensitive biological resources were impacted by the activity.

0820-Biologist monitored clipping and wire slacking at structure 28. No sensitive biological resources were impacted by the activity.

1025-Biologist monitored crew delivering material to pads 22-48. This activity continued throughout the day. No sensitive biological resources were impacted by the activity.

1155-Biologist monitored crew mobilizing a crane from pad 63. No sensitive biological resources were impacted by the activity.

1230-Biologist escorted a pulling rig to pad 54. No sensitive biological resources were impacted by the activity.

1445-Biologist monitored wire pulling at pad 45. No sensitive biological resources were impacted by the activity.

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 3/21/2013

Monitor: Eric German
 Weather Conditions: Cloudy, Clouds: 75%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 68

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

Sites Monitored

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

Activity Log: 0600 tailboard with t-line at connex corner. 0620 inspect connex corner. 0700 meeting. 0730 look for BUOW East channel. BUOW not seen. 0815 inspect csaa for losh. Losh seen no new nest observed. Noted owl pellets in area. 0915 removed and release sidewinder unit 1 block 5 north laydown. 1030 and throughout day inspect access road. Removed litter. 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		Picked up wind blown trash in east channel.
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			Fence moved at plant site entry. New section built then old fence removed.
Any nesting birds observed? Note species (if known) and location.		X		Checked losh in csaa. Bird seen. No nest identified.
Common Ravens Present? If yes, note number and activity.	X			3 perched.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Round tailed ground squirrel.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/21/2013

Monitor: Shelly Dayman
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 77

Start Time: 10:30:00 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: 1030 telemetry on access road 2 of 3 foxes heard, cleaned up road kill KRat, went to DKF Stripes den and changed batteries, no telemetry signal for Stripe, met Eric at DT grate, discussed DT fence to be moved, Tim to monitor, cleared area at pole #54 two trucks with wire present, no activity, but water trucks have been in area, cleared access roads, checked evaporation ponds for birds as pair of red-winged blackbirds had been inside nets yesterday, no birds observed, sent photos of gaps at pond entrances to ECM, returned telemetry equip to office, downloaded tracks from Garmin for nesting bird surveys earlier in week

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			Numerous empty water bottles removed from 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			1-south of access road
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: DKF, desert iguana, western whiptail, zebra-tailed lizard, CORA

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/21/2013

Monitor: Tim Skousen
 Weather Conditions: Partly Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 62

Start Time: 6:20:00 PM Stop Time: 5:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:20 Arrived on ROW at site #49. Swept sites #49 to #56. No sign of sensitive species.
 07:00 Met w contractor (Frontier) to discuss days activities.
 07:50 Monitored at existing Blythe line site #113 as trailer is picked up.
 08:05 Monitored at site #102 as hand hold is backfilled.
 08:25 Activity is finished for day and crew departs.
 09:05 Office for forms. Began CORA point survey.
 12:25 Finished CORA survey.
 13:35 Monitored as tortoise fence near plant entry is installed. (About 100 ft of fence line just north of existing fence)
 15:45 Departed to give S Dayman GPS.
 16:50 Checked for any sign of kit fox in pipe laydown area of Unit 2 Block 6. None.
 17:05: Checked for burrowing owl at locations of previous sightings in artificial wash east of unit 2 and at burrow close to site #39. No sign.
 17:45 Departed for Blythe.

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 3/22/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 87 Low Temp (°F): 63

Start Time: 5:49:00 AM Stop Time: 4:27:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-Biologist attended the Wasatch Electric tailboard. The foreman discussed the plan of the day and all associated safety issues. The crew plans to sag wire, clip wire, and pull hard line. The designated biologist reminded crews to check under vehicles and to watch for snakes.

0620-Biologist swept connex corner and all pads and staged equipment from 48-32. No sensitive biological resources were identified during the sweep.

0720-Biologist monitored crews clipping wire at structures 28, 31, 33, and 27. No sensitive biological resources were impacted by the activity.

0859-Biologist monitored wire sagging at structure 45. No sensitive biological resources were impacted by the activity.

1125-Biologist monitored the restaking and moving of heavy equipment at pad 45. No sensitive biological resources were impacted by the activity.

1250-Biologist monitored the watering of access road from 49-54. No sensitive biological resources were impacted by the activity.

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 3/22/2013

Monitor: Eric German
 Weather Conditions: Windy, Clouds: 20%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 61

Start Time: 5:45:00 AM Stop Time: 2:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600 tailboard with t-line. 0615 inspect laydown no findings. 0700 inspect str54 and area east. Report of contractor vehicle leaving ROW. Tire tracks left row about 10 feet to east into edge of wash. Damage was repaired prior to my viewing. Does not appear to be biological resource damage. BLM is aware and saw damage prior to repair. 0830 inspect access road and stringing. Wind blown litter noted some removes and disposed. 1000 office. 1100 discuss Dkf activities with CDFW. 1245 inspect area where guard shack was to be moved to and trailer prior to movement an monitor. 1400 moved western shovel nosed snake.

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		Truck while getting into position left row about 10 feet. Tracks went into wash. Damage repaired. No biological resources damaged.
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Litter along access road v
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			Also cleared potential variance area at structure 54.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Western shovel nose snake.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/22/2013

Monitor: Tim Skousen
 Weather Conditions: Windy, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 64

Start Time: 5:55:00 AM Stop Time: 3:00:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 05:55 Arrived on site. Met w contractor (Wasatch) to discuss days activities.
 06:15 Swept equipment at sites #45, 31 and 28.
 07:00 Monitored as line is sagged, clearing pad sites #22 to 31. B Weller to clear sites east of here.
 08:35 Departed to do nesting bird survey at site #54.
 11:40 Checked unit 1 and 2 for any major trash problems.
 12:30 Checked for any sign of kit fox activity at pipe lay-down area in unit 2 block 6. None. Gate was not fastened shut when I arrived.
 13:00 Checked evaporation ponds in unit 1 for any bird activity- none - and for breaches in netting - none not previously found.
 13:35 Resumed w trash check. No major problems.
 14:45 Road kill check on access rd to plant. None. Departed for Blythe.

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			See clearance survey header
Common Ravens Present? If yes, note number and activity.	X			4 seen perching on wood 12kv line poles, 3 observed during survey
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 3/23/2013

Monitor: Brian Weller
 Weather Conditions: Windy, Clouds: 25%, Pcp: None
 High Temp (°F): 69 Low Temp (°F): 62

Start Time: 5:53:00 AM Stop Time: 7:45:00 AM
 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 discussed the plan of the day and all associated safety issues. The crew plans to clip wire and transfer used travelers. The biologist reminded crew to check under trucks and to work in approved areas.

0625-Biologist swept connex corner, pads 48-22, and all equipment staged along access road. No sensitive biological resources were identified during the sweep.

0745-Crew called off all work due to wind.

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 3/24/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 79 Low Temp (°F): 42

Start Time: 5:50:00 AM Stop Time: 7:21:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-Biologist attended construction tailboard. The crew will clip wire from 22-45. Safety issues were to stay out from under wire. Biologist reminded crew to check under their trucks.

0624-Biologist swept pads 22-56 and all staged equipment. No sensitive biological resources were identified during the sweep.

0745-Biologist monitored wire clipping at several pads. The biologist monitored the same activity throughout the day. No sensitive biological resources were impacted by the activity.

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 3/25/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 82

Start Time: 12:30:00 PM Stop Time: 4:45:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 1230 inspect access road. No findings. 1300 Dkf monitoring. 1430 meeting. 1600 inspect stringing and discuss activities with bio.

Monitor Checklist

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

Additional Notes: Desert iguana, zebra tailed lizard, whiptail lizard

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/25/2013

Monitor: Ron Walker
 Weather Conditions: Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 85 Low Temp (°F): 48

Start Time: 5:45:00 AM Stop Time: 5:02:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0600-0615 safety meeting
 0615-0715 cleared access road pads and turnaround areas
 0715-1702 monitored stringing of conductor and clipping in lines

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 3/25/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 64

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

Sites Monitored

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

Activity Log: 0945 access road, no roadkill, started DKF telemetry/camera, moved camera from GKBFW001 to GKBTS011, checked other cameras and conducted telemetry, spoke to Jennie Gavalton about Sahara mustard and she's following up with Jenn Guigliano
 0530 no roadkill on 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			2-perched on poles, access road
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Desert iguana, zebra-tailed lizard, CORA, western whiptail

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/25/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 50

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: 06:00 Met w contractor (Wasatch) at laydown area to discuss days activities.
 06:20 Swept sites #49 to 56 for sensitive species, as well as equipment parked at #54 and #55.
 07:00 Road kill check on access rd to plant - small mammal (unidentifiable) removed and buried.
 07:20 Checked on burrowing owl activity on east side of unit 2. Owl not observed.
 08:10 Checked for any sign of kit fox activity in pipe laydown area of unit 2 block 6. None found.
 08:45 Waited for fiber crew. 09:45 Received communication from fiber crew- no work outside fence today.
 10:15 Checked unit 1 for any uncontained trash problems, as well as arrays for injured or deceased wildlife. Negative on both.
 11:45 Walked perimeter fence of unit 1. Fence is inadequately buried in about 8 ft section on north side. Notified E German.
 14:50 Checked evaporation ponds in unit 1 for birds - none.
 15:05 Checked arrays in unit 2 for trapped or injured wildlife - none.
 16:10 Retrieved GPS from office and signed safety log.
 16:40 Departed for Blythe.

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 seen flying near site #54, 3 seen at plant
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

Additional Notes: 1 adult MFTL seen inside fence at SW corner of unit 1 at 0683484 x 3826738.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/25/2013

Monitor: Vick Germany
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 84 Low Temp (°F): 48

Start Time: 6:00:00 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: 6:00 Attended tailboard meeting.
 6:15 - 7:00 Cleared turnarounds, parked vehicles, and pads 36, 37 and 39.
 7:15 - 9:50 Monitored clipping work at pad 37. Crew parking on shoulder opposite pad. Checked pad 36 before crew moved.
 10:00 Another crew was loading travelers with a forklift onto a truck and trailer without a monitor present. There are no travelers at pads 22 - 29. Informed Ron and he is going to check on crew.
 10:05 Checked access road to pad 22. Raven perched on a wooden power pole between pads 22 - 29.
 10:25 Talked with Tim. He is going to walk fence.
 10:35 Checked under equipment at pad 45.
 11:00 Monitored clipping work at pad 36.
 11:40 Checked pad 39 because it had been a few hours since first checked and crew will be moving to that pad next.
 12:05 - 2:50 Monitored clipping activities at pad 39. Scanned area where burrowing owl seen, but did not observe it.
 12:45 Drove access road between pad 39 and 22. A Great Basin whiptail and two zebra-tailed lizards on roadway. Chased them off.
 1:00 Two ravens slowly circling over access road.
 1:05 Met Shelly and Eric near pad 38 and debriefed them on today's activities, including not hearing about travelers getting picked up.
 1:15 Cleared shoulder opposite pad 40 and pad.
 2:55 - 6:40 Cleared pads 41, 42, 43 and 44 and the shoulders. Monitored clipping activities.
 5:30 Scrapped up and buried a dead k-rat by pad 45. It had been dead for awhile. I think no one noticed it because there is a lot of dirt on the road in front of that pad.

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			22. Raven perched on a wooden power pole between pads 22 - 29. Two ravens slowly circling over access road.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A
Additional Notes: Ravens, zebra-tailed lizards, Great Basin whiptail, red-tailed hawk				

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/26/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 59

Start Time: 4:30:00 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: 0420 and throughout day inspect Access road. No findings. 0500 all hands with arb. Discuss speed limits, litter, and wildlife. 0630 largo all hands meeting same topics. 0700 SPX all hands meeting discuss same topics. 0900 search for BUOW in east channel. BUOW not observed. 1000 maintain flagging at connex corner. 1045 stage guard trucks between str 48 and 49. 1100 discuss water application with water truck driver. 1145 office. 1215 observed pb2 with compliance. Noted uncovered full roll off dumpster. Compliance to follow up. 1230 all hands with newtron. Same topics. 1400 meeting. 1500 office. 1615 access road and monitor tline. Backhoe replaced sign on south shoulder. Activities appear to be in 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		Pb2 uncovered dumpster.
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles appeared to be in compliance.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			100% fence walk completed. Some maintenance of temporary fence north of unit 1.
Any nesting birds observed? Note species (if known) and location.	X			LOSH in CSAA
Common Ravens Present? If yes, note number and activity.	X			1 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Prairie falcon.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/26/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 91 Low Temp (°F): 60

Start Time: 5:30:00 AM Stop Time: 4:22:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0530-0600 cleared connex corner
 0600-0615 safety meeting
 0615-0700 cleared pads 56-49 and access road
 0700-1621 monitored line pull from pad 54 to pad 47, no issues to report

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		Polaris atv observed driving too fast on dirt access road, driver told to slow down
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: -

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/26/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 77

Start Time: 10:15:00 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: 1015 no roadkill on access road
 1040 DKF camera and telemetry, found Stripes new den
 1230 discussed schedule and weeds with Eric and Jenn, downloaded camera cards, transferred photos to server, planned reorganization of DKF cameras
 0400 continued DKF cameras and telemetry
 0515 cleared connex area
 0545 to 0645 download DKF photos, WBO at GKBFW003, wildlife detection to be reported tomorrow

Monitor Checklist

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

Additional Notes: Desert iguana, western whiptail, zebra-tailed lizard, WBO

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/26/2013

Monitor: Tim Skousen
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 72

Start Time: 8:45:00 AM Stop Time: 6:55:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 08:45 Arrived on site and proceeded to plant.
 08:55 Inspected gates in permanent fence of unit 2 to ensure that they are capable when operational of restricting wildlife entry. No current problems.
 09:30 Inspected gates in permanent fence of unit 1 to ensure that they are capable when operational of restricting wildlife entry. No current problems.
 09:40 Checked evaporation ponds in unit 1 for birds - none.
 10:10 Corrected non-functional portion of temporary tortoise fence (mentioned in yesterdays monitoring log) in unit 1 by shoveling dirt against it to create a berm and bury the fence.
 11:05 Conducted point survey of CORA 3 (missed last week)
 11:15 Continued to check gates in unit 1.
 12:55 Inspected temporary tortoise fence in unit 2 for breaches or issues - none.
 15:00 Checked evaporation ponds in unit 1 for birds- none.
 15:15 Met w S Dayman and E German and BLM in office.
 16:15 Monitored at sites #45 to #54 as wire is strung and pulled.
 18:45 Activity ceases for day.
 18:50 Crew departs. Departed for Blythe.

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			See pic for today - pick-up tracks outside ROW between #46 and #47 - probably not project-related. Notified E German.
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 seen n of unit 2, 2 seen s of unit 2.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Incidentals;
 Greater roadrunner
 Western meadowlark

Sidewinder
Ash-throated flycatcher

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/26/2013

Monitor: Vick Germany
 Weather Conditions: Cloudy, Clouds: 90%, Pcp: None
 High Temp (°F): 90 Low Temp (°F): 56

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: 6:00 Attended tailboard meeting.
 6:20 - 7:40 Cleared pad 45 and access road. Scrapped up and buried a k-rat and an unidentifiable lizard.
 7:40 - 9:45 Monitored rope pulling at pads 52 - 51.
 9:15 Raven flying in a westerly direction parallel to T-line pads 52 - 51.
 10:00 - 3:30 Picked up trash along both sides of the access road from pad 22 - 36. Filled 3 plastic bags. It seems that most of the food wrappers, snack bags, etc were found within 0.5 mile of the plant site gate.
 Noon - cloud cover has given way to sunny skies with about 15% cloud cover.

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			The trash I picked up either flew out of the back of a pickup or was deliberately dropped. The trash was not from Wasatch.
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			Raven flying in a westerly direction parallel to T-line pads 52 - 51.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Mourning dove, raven, zebra-tailed lizards, desert iguanas, Great Basin whiptail, round-tailed ground squirrel, turkey vulture, great-tailed grackles

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/27/2013

Monitor: Brian Weller
 Weather Conditions: Partly Sunny, Clouds: 35%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 69

Start Time: 8:52:00 AM Stop Time: 6:41:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0855-Biologist swept Petro-chem access road and regular entrance access road. No sensitive biological resources were identified during the sweep.

0915-Biologist monitored road maintenance on both access roads leading into plant. No sensitive biological resources were impacted by the activity.

1115-Biologist swept area just east of temporary desert tortoise exclusionary fence adjacent to southern entrance to unit 2. No sensitive biological resources were identified during the sweep.

1120-Biologist monitored road maintenance near entrance to unit 2. No sensitive biological resources were impacted by the activity.

1215-Biologist installed project access signs near Colorado River Substation.

1350-Biologist checked units 1 and 2 for trash, ravens, and standing water. No water or ravens were found. There was a large amount of trash scattered in the work area just north of power block 1. The biologist informed the compliance lead.

1445-Biologist monitored wire pulling from structure 45-54. No sensitive biological resources were impacted by the activity.

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		There was a large amount of trash scattered in the work area just north of power block 1. The biologist informed the compliance lead.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 ravens perched on power pole near pad

			X46.
All ESAs and other bio-related exclusion areas marked and avoided?		N/ A	
Additional Notes: Zebra-tailed lizard			

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/27/2013

Monitor: Eric German
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 60

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

Sites Monitored

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

Activity Log: 0600 inspect access road. 0630 Newtron all hands. Discussed speed limits, litter, and wildlife. 0730 inspect unit 2 for wildlife. None observed in areas inspected. 0945 remove and release desert patch-nosed snake. 1045 inspect west of unit 1 for wildlife in csaa. No species of concern observed. 1130 inspect evap ponds. No birds seen. Netting over gate has been improved. 1230 inspect tline. Noted pickup tracks in drill track path on south side of row. Crews to be reminded not to drive on south side. 1400 meeting. 1500 office. 1600 report spill, leak, to compliance. Compliance following up 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			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 dumpster 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		During morning ingress gap between leading vehicle and 25 mph ingress increased. To be reported to compliance.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.		X		N/A
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Desert patch-nosed snake

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/27/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 58

Start Time: 5:30:00 AM Stop Time: 3:26:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0530-0600 cleared connex corner
 0600-0645 cleared pads 54-49
 0645-1529 monitored fiber pull between 54 and 45, also monitored conductor pull between pole 54 and 45
 Left site at 1531

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 3/27/2013

Monitor: Shelly Dayman
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 77

Start Time: 10:15:00 AM Stop Time: 6:30:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 1015 access road, no roadkill, one raven, installed camera at Stripes new den GKBSD011, removed AECOM owned cameras from DKF surveys and reorganized DKF cameras according to new den sites, finished cameras and telemetry, created and laminated signs for CRS area to be installed tomorrow for work anticipated on April 8, downloaded camera cards
 0600 access road, no roadkill

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 along south fence of Unit 1, reported to ECM
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 ground near access road
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: CORA, zebra-tailed lizard, desert patch nosed snake

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/27/2013

Monitor: Vick Germany
 Weather Conditions: Partly Sunny, Clouds: 40%, Pcp: None
 High Temp (°F): 87 Low Temp (°F): 57

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

Sites Monitored

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

Activity Log: 6:00 - 7:10 Attended tailboard meeting, cleared pad 45 and equipment, and cleared equipment parked along shoulder of access road at the S curve between pads 48 and 49.
 7:10 - 7:50 Drove access road looking for road kill. None observed.
 7:50 - 9:45 Monitored activities at pad 45.
 9:50 - 3:45 Monitored activities at pad 54. The wire puller was moved onto SCE access roadbed. Drove dirt access road a couple of times looking for desert tortoise and road kill. Neither observed. Debriefed Tim when he came to take over. Explained about that the puller needs to stay on the SCE roadbed.

Monitor Checklist

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

Additional Notes: Zebra-tailed lizards, desert iguanas, Great Basin whiptail, a venue of turkey vultures (25+) flying high in a westerly direction

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/28/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 67

Start Time: 8:56:00 AM Stop Time: 8:28:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0858-Biologist monitored crews sagging wire and clipping at structures 45-50. The biologist monitored this activity continuously throughout the day. No sensitive biological resources were impacted by the activity.

1220-Biologist cleared the inside of unit 1 of all invasive plant species.

1620-Biologist swept paved access road for any incidences of roadkill. No roadkill was found.

1710-Biologist continued monitoring wire crew. No sensitive biological resources were impacted by the activity.

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 3/28/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 88 Low Temp (°F): 62

Start Time: 5:45:00 AM Stop Time: 4:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0545 and throughout day, inspect access road. 0600 jha with tline crew. Discussed no ancillary vehicles on south side of paved access road and no more use of str 54 variance area, and no staging of equipment at 54. 0700 gathered signage materials. 0900 gave signage materials to bio. 0930 look for BUOW in east channel. No BUOW observed. Picked up littered windblown plastic bags. 1000 contacted compliance to notify that spill reported yesterday had not been cleaned. 1030 inspect tline activities. Activities appear in compliance. 1130 meeting. 1245 inspect unit 1 blocks 3 and 4 for mustard. Bio to begin removal. 1400 meeting. 1545 report uncovered dumpster 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		Picked up wind blown trash
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?			X	Observed vehicles appeared to observe speed limits.
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		MFTL mortality form to be submitted to agencies.
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			2 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: Bufflehead found dead in unit 2 block 5 mirror field.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/28/2013

Monitor: Ron Walker
 Weather Conditions: Partly Sunny, Clouds: 5%, Pcp: None
 High Temp (°F): 86 Low Temp (°F): 57

Start Time: 5:30:00 AM Stop Time: 12:06:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0530-0600 cleared connex corner
 0600-0615 safety meeting
 0615-0645 cleared pads 50 to 54
 0645-1206 monitored sagging tests, and removal of travelers on poles
 1206 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 3/28/2013

Monitor: Tim Skousen
 Weather Conditions: Sunny, Clouds: 20%, Pcp: None
 High Temp (°F): 92 Low Temp (°F): 66

Start Time: 5:55:00 AM Stop Time: 2:20:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 06:00 Met w contractor (Wasatch) to discuss days activities.
 06:20 Swept sites #45 to 49 for sensitive species, and equipment parked at #45 and #49- none.
 06:50 Monitored from sites #45 to 49 as t-line fiber line is pulled and tensioned.
 09:00 Replaced by B Weller.
 09:45 Installed construction signs from existing Blythe line site #89 to 114. Did not install any signs at sites #100 or 101.
 13:45 Returned materials to office and signed daily safety form. Departed.

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 3/28/2013

Monitor: Vick Germany
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None
 High Temp (°F): 80 Low Temp (°F): 67

Start Time: 9:00:00 AM Stop Time: 8:15:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 9:00 - 12:15 Drove access road and scrapped up and buried a dead k-rat. Also, picked up 3 water bottles within 1/4 mile of the plant gate. Found a dead female bufflehead between a row of mirrors in Unit 2, Block 9. Note: The photo I sent Eric, Mike and Shelly identified the block as #5. That is incorrect. In Unit 1, checked between rows of mirrors in Blocks 1, 2, 3, 4, 6, 7, 8, and 9. Did not check Blocks 5 and 10. Other than the bufflehead, observed no other dead birds. Checked evaporation ponds for birds and observed none. Checked for trash in Units 1 and 2 (except around Power Block 2), around work areas and observed no piles of trash. Trash cans were covered. There were scattered cans and bottles lying around. Checked between rows of mirrors in Block 6, Unit 1 and saw no dead birds.

12:15 - 3:00 Monitored activities at pads 45, 49 and 52. Checked connex corner.

3:10 Drove access road. Observed a raven on the road by the electronic speed limit sign that sits at a turnaround. Did not observe it eating anything nor did I see any road kill when I walked to the spot. A second raven was nearby because I saw the two of them flying in a westerly direction.

3:35 Checked connex corner.

3:50 - 4:55 Monitored crew at pad 53.

5:00 - 7:55 Monitored crew at 50. Checked under vehicles with a flashlight before they were moved. Also, checked connex corner with a flashlight as equipment moved into the area. Did not observe any wildlife.

5:45 Drove access road and scrapped up and buried a Mojave fringe-toed lizard. Sent photo to Eric, Mike and Shelly.

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			Mostly. Some signs have been knocked down, but with all the traffic the last couple of months it is obvious where to go.
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			Speed limit observed by Wasatch.
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?				

Additional Notes: Northern harrier, turkey vulture, black phoebe, Brewer's sparrow, white-crowned sparrow, loggerhead shrike

Date & Time: Thu Mar 28 09:45:01 PDT 2013
Position: 11 N 687468 3726124
Altitude: 384ft
Azimuth/Bearing: 262° S82W 4658mils (True)
Elevation Angle: -84.5°
Horizon Angle: -79.5°
Zoom: 1X

Dead female bufflehead found in Unit 2, between mirrors in Block 5.



Date & Time: Thu Mar 28 17:58:07 PDT 2013
Position: 11 N 692554 3721634
Altitude: 348ft
Azimuth/Bearing: 169° S11E 3004mils (True)
Elevation Angle: -86.2°
Horizon Angle: +33.8°
Zoom: 2X

Roadkilled Mojave fringe-toed lizard.





Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 3/29/2013

Monitor: Brian Weller
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 87 Low Temp (°F): 57

Start Time: 6:34:00 AM Stop Time: 3:11:00 PM
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log: 0635-Biologist swept connex corner, pads 49-45, and all staged equipment along access road. No sensitive biological resources were identified during the sweep.

0730-Biologist monitored removal of cranes and large vehicles from several pads. No sensitive biological resources were impacted by the activity.

0830-Biologist swept area east of main entrance prior to crews installing a sign. No sensitive biological resources were identified during the sweep.

0900-Biologist monitored the installation of a sign near the entrance to the project site. No sensitive biological resources were impacted by the activity.

1000-Biologist re-checked unit one for invasive plant species. A few plants were located and removed.

1050-The biologist checked evaporation ponds for avian activity. No avian activity was observed.

1115-Biologist organized signage material.

1150-Biologist swept access road for wildlife and trash. Some trash was found and picked up. No sensitive biological resources were identified during the sweep.

1300-Biologist checked unit 2 mirrors for injured or killed wildlife. None 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		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 3/29/2013

Monitor: Eric German
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None
 High Temp (°F): 77 Low Temp (°F): 56

Start Time: 7:15:00 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: 0715 inspect access road. No findings. 0730 dkf monitor 0815 inspect spoil pile inside fence and fill area inside fence. No findings. 0830 inspect for BUOW in east channel. BUOW not seen. 0900 inspect fenced pipe laydown for foxes. No foxes seem visually or on camera. 0930 inspect evap pond. No bird findings. 1000 office. 1100 off site.

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?			X	Uncovered dumpster reported previous day has been properly covered.
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			Vehicles observed appear to be following speed limits.
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		Wildlife incident form for previous day mftl submitted
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			3 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

Additional Notes: N/A

ATTACHMENT 4

SURVEY DATA FORMS

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

Date	3/12/13	Biomonitor	RON WALKER
Sunrise Time	6:50 AM	Sunset Time	6:45 PM

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

DAWN SURVEY (two hours after sunrise)

Start Time	End Time
6:50 AM	8:50 AM

1. Netted ponds effective in excluding birds? Yes No

Comments for #1:

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

Comments for #2:

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

Comments for #3:

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

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

Comments for #4:

TWO RING-BILLED GULLS CIRCLED PONDS FOR 5 MINUTES, DID NOT ATTEMPT TO LAND
 NETTING AND FLAGS WORKED AS A DETTERANT

MIDDAY SURVEY (i.e. 1100 to 1300)

Start Time	End Time
12:00 AM/PM	1:00 AM/PM

1. Netted ponds effective in excluding birds? Yes No

Comments for #1:

NO BIRDS OBSERVED DURING MID-DAY MONITORING

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

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

Comments for #2:

DUSK SURVEY (two hours preceding sunset)

Start Time	End Time
3:40 PM	5:40 PM

1. Netted ponds effective in excluding birds? Yes No

Comments for #1:

NO BIRDS OBSERVED DURING DUSK SURVEY

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

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

Comments for #2:

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	3/5/2013	R5. 685761 W, 3727662 N	8:05:00 AM	8:15:00 AM	99999	99999	NW	4	None	58	100%
Brian Weller	3/5/2013	R7. 686177 W, 3725504 N	10:11:00 AM	10:21:00 AM	99999	99999	NW	4	None	64	100%
Brian Weller	3/5/2013	R6. 687910 W, 3726586 N	10:27:00 AM	10:37:00 AM	99999	99999	NW	4	None	64	100%
Brian Weller	3/5/2013	R2. 686736 W, 3726215 N	10:42:00 AM	10:52:00 AM	99999	99999	NW	4	None	66	95%
Brian Weller	3/5/2013	R3. 683684 W, 3727437 N	10:59:00 AM	11:09:00 AM	99999	99999	NW	4	None	71	95%
Brian Weller	3/5/2013	R4. 683203 W, 3727508 N	11:17:00 AM	11:27:00 AM	99999	99999	NW	4	None	71	95%
Brian Weller	3/5/2013	R1. 691217 W, 3722767 N	11:50:00 AM	12:00:00 PM	99999	99999	NW	4	None	76	90%
Tim Skousen	3/21/2013	R4. 683203 W, 3727508 N	9:35:00 AM	9:45:00 AM	99999	99999	NW	10	None	82	20%
Tim Skousen	3/21/2013	R5. 685761 W, 3727662 N	10:21:00 AM	10:31:00 AM	99999	99999	W	5	None	82	25%
Tim Skousen	3/21/2013	R2. 686736 W, 3726215 N	10:51:00 AM	11:01:00 AM	99999	99999	Variable	3	None	82	30%
Tim Skousen	3/21/2013	R7. 686177 W, 3725504 N	11:17:00 AM	11:27:00 AM	99999	99999	NE	5	None	84	40%
Tim Skousen	3/21/2013	R6. 687910 W, 3726586 N	11:53:00 AM	12:03:00 PM	99999	99999	NE	8	None	86	40%
Tim Skousen	3/21/2013	R1. 691217 W, 3722767 N	12:13:00 PM	12:23:00 AM	99999	99999	NE	3	None	84	45%
Tim Skousen	3/26/2013	R3. 683684 W, 3727437 N	11:03:00 AM	11:13:00 AM	99999	99999	Variable	3	None	84	20%

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	3/5/2013	R1. 691217 W, 3722767 N	11:50:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed. 1 TUVU.
Brian Weller	3/5/2013	R4. 683203 W, 3727508 N	11:17:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	3/5/2013	R3. 683684 W, 3727437 N	10:59:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	3/5/2013	R2. 686736 W, 3726215 N	10:42:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	3/5/2013	R6. 687910 W, 3726586 N	10:27:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	3/5/2013	R7. 686177 W, 3725504 N	10:21:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Brian Weller	3/5/2013	R5. 685761 W, 3727662 N	8:05:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Tim Skousen	3/21/2013	R7. 686177 W, 3725504 N	11:17:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Tim Skousen	3/21/2013	R6. 687910 W, 3726586 N	11:53:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Tim Skousen	3/21/2013	R5. 685761 W, 3727662 N	10:21:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Tim Skousen	3/21/2013	R4. 683203 W, 3727508 N	9:35:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Tim Skousen	3/21/2013	R2. 686736 W, 3726215 N	10:51:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Tim Skousen	3/21/2013	R1. 691217 W, 3722767 N	12:13:00 PM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.
Tim Skousen	3/26/2013	R3. 683684 W, 3727437 N	11:03:00 AM	-	-	0	-	-	-	-	-	NO	NO	No ravens observed.

ATTACHMENT 5
CORRESPONDENCE

ATTACHMENT 5
CORRESPONDENCE

Construction Wildlife Incident Form

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

INCIDENT DETAILS

Date: 3/6/13 Observer: Shelly Dayman

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

Cause of Death: Vehicle

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

Photo No. Attached

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

Crushed carcass along GSEP Access Road

LOCATION

DATUM: NAD 83

UTM E: 689640 UTM N: 3723922

Location Details (microhabitat, etc.):

Access road adjacent to creosote bush scrub with sandy areas

IDENTIFICATION

Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Mojave fringe-toed lizard, Uma scoparia

Sex (circle one): Male / Female / Unknown

Age (circle one): Adult / Juvenile / Unknown

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

Identification Remarks: _____

ENVIRONMENTAL CONDITIONS

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

Approx. Temperature (circle one) F / °C: 73

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

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dune or Sand Sheet /
Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): Carcass removed from road and buried

Date & Time: Wed Mar 6 11:54:27 PST 2013
Position: 11 N 689640 3723922
Altitude: 371ft
Azimuth/Bearing: 338° N22W 6009mils (True)
Elevation Angle: -86.1°
Horizon Angle: +52.7°
Zoom: 1X
mftl



Ireland, Mike

From: German, Charles
Sent: Monday, March 11, 2013 3:48 PM
To: Magdalena Rodriguez; AGolden@energy.state.ca.us
Cc: Guigliano, Jennifer; Ireland, Mike; Dayman, Shelly; mmassar@blm.gov; Jennifer.Gavaldon@fpl.com; chris.meyer-pu@us.bureauveritas.com; Chuck.griffin@us.bureauveritas.com; Tera_Baird@fws.gov
Subject: Genesis Western Burrowing Owl
Attachments: WBO 20130311.pdf

Dear Magdalena and Amy,

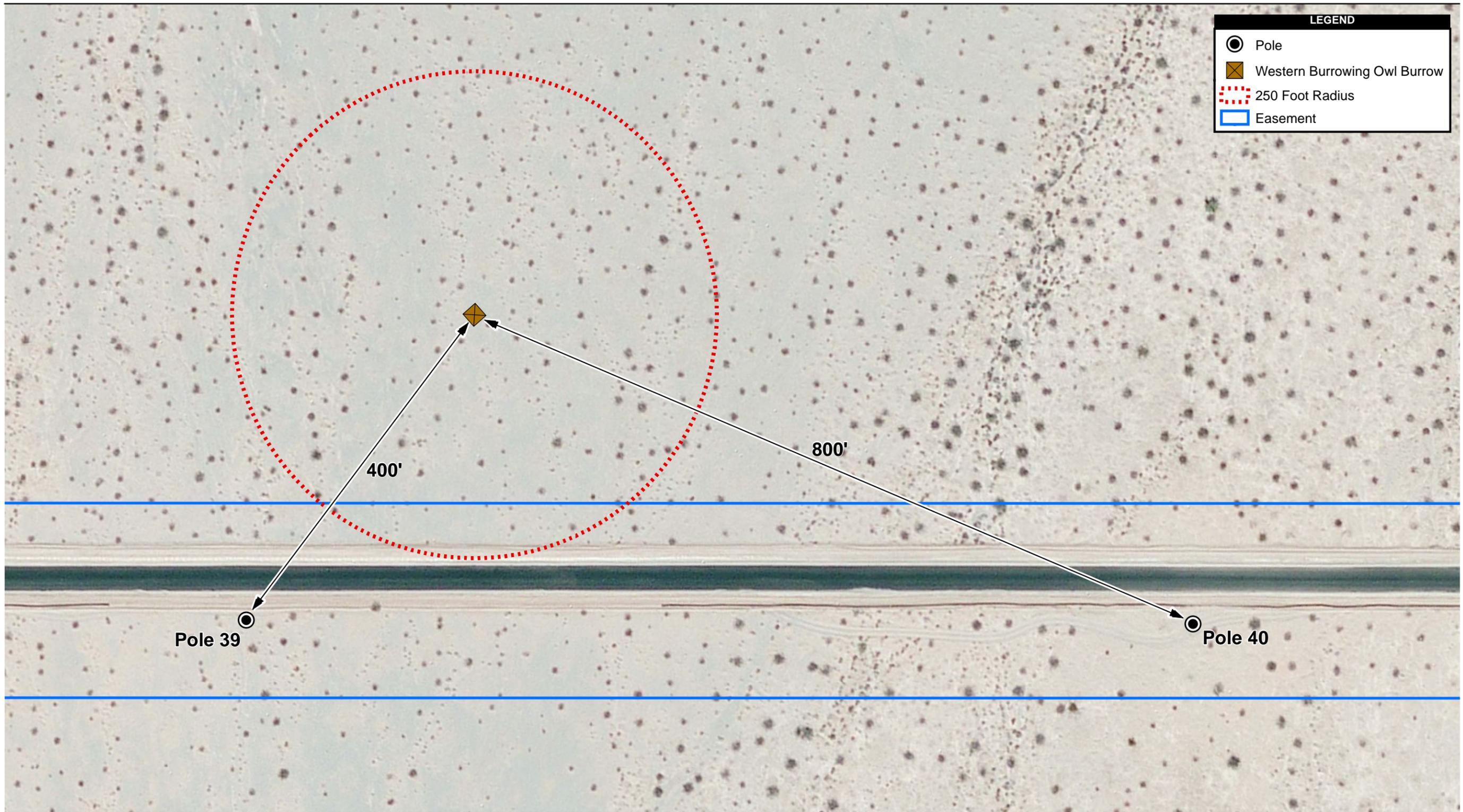
A single Western Burrowing Owl was observed, March 9, 2012, during nest surveys. The owl was not seen during subsequent burrow checks, March 10, 2012 and March 11, 2013. The burrow was initially found during a December 2012, clearance survey and was not active at that time. The burrow does not appear to be a nesting location and no bones, castings or feathers were found.

Attached is a map of the burrow location. The burrow is located north of the access road approximately 250'. There is limited construction activity remaining including hardware hanging and pulling of wire at poles 39 and 40. A 250' non-disturbance buffer will be established around the burrow and the owl location will be monitored during the time construction activities are within 500'.

Please comment or offer suggestions on the above approach.

Thank you,

Eric German
Designated Biologist
Genesis Solar Energy Project
805-895-9842



LEGEND

-  Pole
-  Western Burrowing Owl Burrow
-  250 Foot Radius
-  Easement



Western Burrowing Owl Occurrence
March 9, 2013

Construction Wildlife Incident Form

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

INCIDENT DETAILS

Date: 3/15/13 Observer: S.Dayman

Type of Incident (circle one) Injury Fatality Nest

Cause of Death: Vehicle

Condition (circle one) Intact Carcass Dismembered Carcass Feathers Only

Photo No. attached

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

Flattened

LOCATION

DATUM: NAD83, UTM Zone 11N

UTM E: 692542 UTM N: 3721649

Location Details (microhabitat, etc.):

Adjacent to sand dunes

IDENTIFICATION

Bird Bat Unknown Other (circle one)

Species (if unknown, write 'unknown'): Mojave fringe-toed lizard, Uma scoparia

Sex (circle one) Male Female Unknown

Age (circle one) Adult Juvenile Unknown

Is Animal Tagged? (circle one) Yes No

Identification Remarks: _____

ENVIRONMENTAL CONDITIONS

Weather (circle one) Clear Fog Cloudy Rain

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

Wind (circle one) Calm Gusty Storm Violent Storm

Habitat (circle all that apply):

Bare Ground Creosote Bush Scrub Sand Dune or Sand Sheet /
 Playa Ephemeral Wash Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): Removed from road and buried

Date & Time: Fri Mar 15 09:48:50 PDT 2013
Position: 11 N 692541 3721652
Altitude: 371ft
Azimuth/Bearing: 020° N20E 0356mils (True)
Elevation Angle: -83.1°
Horizon Angle: -01.4°
Zoom: 1X
MFTL road kill: access road



Construction Wildlife Incident Form

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

INCIDENT DETAILS

Date: 3/15/13 Observer: S.Dayman

Type of Incident (circle one) Injury Fatality Nest

Cause of Death: Vehicle

Condition (circle one) Intact Carcass Dismembered Carcass Feathers Only

Photo No. attached

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

Flattened

LOCATION

DATUM: NAD83, UTM Zone 11N

UTM E: 692442 UTM N: 3721730

Location Details (microhabitat, etc.):

Adjacent to sand dunes

IDENTIFICATION

Bird Bat Unknown Other (circle one)

Species (if unknown, write 'unknown'): Mojave fringe-toed lizard, Uma scoparia

Sex (circle one) Male Female Unknown

Age (circle one) Adult Juvenile Unknown

Is Animal Tagged? (circle one) Yes No

Identification Remarks: _____

ENVIRONMENTAL CONDITIONS

Weather (circle one) Clear Fog Cloudy Rain

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

Wind (circle one) Calm Gusty Storm Violent Storm

Habitat (circle all that apply):

Bare Ground Creosote Bush Scrub Sand Dune or Sand Sheet /
 Playa Ephemeral Wash Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): Removed from road and buried

Date & Time: Fri Mar 15 09:53:43 PDT 2013
Position: 11 N 692442 3721730
Altitude: 351ft
Azimuth/Bearing: 064° N64E 1138mils (True)
Elevation Angle: -81.5°
Horizon Angle: -24.5°
Zoom: 1X
MFTL road kill, access road, second one



Ireland, Mike

From: German, Charles
Sent: Friday, March 29, 2013 10:16 AM
To: mmassar@blm.gov; Magdalena Rodriguez; Tera_Baird@fws.gov;
AGolden@energy.state.ca.us
Cc: Guigliano, Jennifer; Jennifer.Gavaldon@fpl.com; Ireland, Mike; Dayman, Shelly;
Chuck.griffin@us.bureauveritas.com; German, Charles
Subject: Genesis MFTL Construction Wildlife Incident Form
Attachments: Genesis MFTL 20130328 Incident Form.pdf

A Mojave Fringe-toed Lizard mortality was found during construction activities March 28, 2013. Attached is the Construction Wildlife Incident Form.

Eric German
Designated Biologist
Genesis Solar Energy Project
805-895-9842

Construction Wildlife Incident Form

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

INCIDENT DETAILS

Reported By:

Date: 03/28/13 Observer: Vick Germany Eric German

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

Cause of Death: CRUSHING ON PAVED ROAD WAS - VEHICLE MORTALITY

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

Photo No. ATTACHED

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

LOCATION

DATUM: NAD 83

UTM E: 3721634 UTM N: 692554

Location Details (microhabitat, etc.):

BLOW SAND WITH SPARSE CREOSOTE VEGETATION
LIZARD WAS FOUND ON PAVED ROAD WITHIN SANDY
HABITAT

IDENTIFICATION

Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): MOJAVE FRINGE-TOES LIZARD

Sex (circle one): Male / Female / Unknown

Age (circle one): Adult / Juvenile / Unknown

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

Identification Remarks: FRINGE ON TOES; BLACK BLOTCH
ON EACH SIDE

ENVIRONMENTAL CONDITIONS

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

Approx. Temperature (circle one) °F / °C: 85

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

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dune or Sand Sheet /
Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): LIZARD WAS REMOVED
FROM POND AND DISPOSED BY BURIAL

Date & Time: Thu Mar 28 17:38:07 PDT 2013
Position: 11 N 692554 3721634
Altitude: 343ft
Azimuth/Bearing: 169° S11E 3004mils (True)
Elevation Angle: -86.2°
Horizon Angle: +83.8°
Zoom: 2X
Roadkilled Mojave fringe-toed lizard.



Genesis Solar Energy Project

**Monthly Report for BIO-19:
March 2013**

Prepared by:

**Alice E. Karl, Ph.D.
P.O. Box 74006
Davis, CA 95617
heliophile@mindspring.com**

Prepared for:

**Genesis Solar, LLC
700 Universe Blvd.
Juno Beach, FL 33408**

April 7, 2013

**GENESIS SOLAR ENERGY PROJECT
MONTHLY COMPLIANCE REPORT FOR BIO-19, FOR MARCH 2013**

INTRODUCTION

The Genesis Solar Energy Project (GSEP or Project) began construction in January 2011. Condition of Certification (COC) BIO-19 from the Project license¹ requires monthly compliance reports to describe the implementation of special-status plant impact avoidance and minimization measures. At GSEP, special-status plants are restricted to Environmentally Sensitive Areas (ESAs), which were provisionally established in 2010 around the solar site and along both sides of the access road². Per BIO-19, the Designated Botanist conducts weekly monitoring of the ESAs during construction and decommissioning activities.

SUMMARY OF WORK COMPLETED IN MARCH 2013

Disturbance on the transmission line has been restricted to the minimal possible area needed to erect the poles and trench in the fiberoptics - the working right-of-way has been reduced to approximately 100 ft. A narrow road, approximately 20 ft wide, has been graded to accommodate wheeled vehicles and a small tracked vehicle made a single pass to both trench and bury the fiberoptics cable. This latter method merely crushed the vegetation, but neither destroyed root crowns nor compacted the soil. Because of the low impact, the disturbance resulting from this technique will not need active restoration; in fact, it is likely that more severe disturbance would ensue from active restoration. While the depressions from the track will probably be visible for some time, the track “dimples” will catch both seed and sediment, promoting a positive germination and growth environment. AECOM’s biological monitors were present during all transmission line construction to ensure that disturbance was minimized and encroachment into ESAs outside the ROW was avoided, and none was reported to me.

Weeds were removed from the shoulders of the access road and along the outer perimeter fence of the solar site one 19 and 20 February, and again on 30 and 31 March. The first weeding effort was primarily for Sahara mustard (*Brassica tournfortii*). Most of the plants were small and in flower with immature, green pods, having germinated earlier in the season, with cotyledon leaves first appearing in early January. Surprisingly, however, this winter annual (i.e., a species that germinates over winter and blooms the following spring) had also responded to the heavy summer rains and associated flooding on 31 July 2012; there were several mature, robust plants that had obviously germinated during the summer. All plants and roots were hand-pulled, bagged, and deposited in the

¹ California Energy Commission (CEC). 2010. Commission decision on the Genesis Solar Energy Project. Docket No.09-AFC-8. 710 pp.

² Karl, A. 2011. Genesis Solar Energy Project summary report for botanical measures and issues associated with pre-construction and construction through May 2011. Prepared for Genesis Solar LLC. 15 pp.

trash containers onsite. In March, the primary weed was Russian thistle, another winter annual, which was in the seedling stage. At the Genesis site, this species grows mostly in the aeolian sand sheets; all plants were hand-pulled or hoed where those sand patches intersect the access road, bagged, and deposited in onsite trash containers. Comparative weed transects were completed in the road shoulder and along control transects in undisturbed areas upslope of the access road.

Appendix C

Haz-6

Worker Environmental Awareness Program Training

6

Genesis Site Safety Orientation

	Signature	Print Name	Company	Date
1		DUANE JOHNSON	Siemen	3/12/13
2		LARRY SMITH	ECA	3-25/13
3		MICHAEL R. MALONI	WESTBANK	3-25-13
4		PETER SCHERFF	SIEMENS	3/25/13
5		STEVEN A. MONR	TERRACON	3/26/13
6		Michael Fynn	Blattler	
7				
8				
9				
10				
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33				
34				
35				

Genesis Safety Orientation

Signature	Print Name	Company	Date
<i>[Signature]</i>	Jesse Gutierrez	HAVASO COMMUNICATIONS	2-27-13
<i>[Signature]</i>	MICHAEL J. RIEBL	HAVASO COMMUNICATIONS	2-27-13
<i>[Signature]</i>	Henry Borge	FLUOR	2-28-13
<i>[Signature]</i>	Evan Mills	AECOM	3-4-13
<i>[Signature]</i>	Brett Baird	SIEMENS	3-4-13
<i>[Signature]</i>	[Name]	[Company]	[Date]
<i>[Signature]</i>	Tomas D. Bando	SIEMENS	3-4-13
<i>[Signature]</i>	BILL BATES	SIEMENS	4 MAR 13
<i>[Signature]</i>	JASO KOSICEK	SIEMENS	3/4/13
<i>[Signature]</i>	TED SCHOPPO	BUREAU VERITAS	3/5/13
<i>[Signature]</i>	DOUGLAS WILSON III	F.E. MORAN	3/5/13
<i>[Signature]</i>	FRANK SUZUKI	FLUOR CORPORATION	3/5/13
<i>[Signature]</i>	JINTAMILIO	TECHNIBUS	3/5/13
<i>[Signature]</i>	Gustavo Palomino	Petrochem	3-11-13
<i>[Signature]</i>	MARC NATIURA	PETROCHEM	3-11-13
<i>[Signature]</i>	Benito Pelayo	PETROCHEM	03/11/13
<i>[Signature]</i>	Jose Robles	Petrochem	03-11-13
<i>[Signature]</i>	ERIC MAHLER	PETROCHEM	3-11-13
<i>[Signature]</i>	Benny Marquez	UEI	3-11-13
<i>[Signature]</i>	ADOLFO DEL VEGA	PETROCHEM INS.	3-11-13
<i>[Signature]</i>	Ryan De La Vega	PETROCHEM INS.	3-11-13
<i>[Signature]</i>	Fran M. Sanchez	PETROCHEM INS.	03-11-13
<i>[Signature]</i>	Vase Bernad	Petrochem	03-11-13
<i>[Signature]</i>	GARY F. WEIK	SIEMENS	03-11-13
<i>[Signature]</i>	Chris Russ	SIEMENS	3-11-13
<i>[Signature]</i>	PATRICK HICKS	SIEMENS	3-11-13
<i>[Signature]</i>	Diana Gray	Petrochem Insulation	3-12-13
<i>[Signature]</i>	Hugo Carter	South West Pump Drilling	3-13-13
<i>[Signature]</i>	PAUL CERVANTES	WEST PONDY	3-16-13
<i>[Signature]</i>	William Ollman	CHAR REEDY	3-16-13
<i>[Signature]</i>	Rebecca White	Gulbranson	3/19/13
<i>[Signature]</i>	Benny White	Gulbranson	3/19/13
<i>[Signature]</i>	Wendy Wise	NEXTEL ENERGY	3/19/13
<i>[Signature]</i>	Guadalupe		3/19/13
<i>[Signature]</i>	Guadalupe Casas		3-19-13

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Genesis Site Safety Orientation

	Signature	Print Name	Company	DATE
1		Kent Ivie	Wasatch Electric	3-5-13
2		Ben Coal	wasatch Electric	3-5-13
3		Richard Jones	Wasatch Electric	3-6-13
4		Raul Silvas	Wasatch, Elec	3-8-13
5		J.D. Brookshire	Wasatch	3-8-13
6		Kenneth G. Maples	WASATCH EKS	3-8-13
7		Jesse Raso	Wasatch	3-11-13
8		Duayne Sping	Wasatch Ele	3-11-13
9		Justin Deane	EPC Services	3-25-13
10		Matthew Stetz	EPC Services	3-25-13
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Genesis Site Safety Orientation

ARB Inc.

March 2013

	Signature	Print Name	Company	Date
1	[Signature]	Lee Gilliland	ARB	2-26-2013
2	[Signature]	[Signature]	ARB	2-26-13
3	[Signature]	BRYAN BURNS	ARB	2-26-13
4	[Signature]	JOEL ROSE	ARB	2/26/13
5	[Signature]	Jacob S Witt	ARB	3-05-13
6	[Signature]	ANTHONY A. MCCAIN	ARB	03-05-13
7	[Signature]	ROMAN RODRIGUEZ	ARB	3-5-13
8	[Signature]	THOMAS N DRINDLE	ARB	3-5-13
9	[Signature]	Juan C. Medina	ARB	3.5.13
10	[Signature]	Francisco Hernandez	ARB	3-5-13
11	[Signature]	RAYMOND S. BARKER	ARB	3-5-13
12	[Signature]	Arturo Martinez	ARB	3-5-13
13	[Signature]	Jack Long	ARB	3-5-13
14	[Signature]	BRIAN L. STOUT JR	ARB	3-7-13
15	[Signature]	JAMIE PENA	ARB	3-11-13
16	[Signature]	Matthew Ayala	ARB	3-12-13
17	[Signature]	OSCAR FLORES	Arabic Mini	03/12/13
18	[Signature]	Toby Kovaloff	ARB	03/14/13
19	[Signature]	John J. Roman	ARB	03-18-13
20	[Signature]	WREQUIS MITT	ARB	03-18-13
21	[Signature]	MI ANDERSON	ARB	3-18-13
22	[Signature]	Justin Harrington	ARB	3-18-13
23	[Signature]	PEDRO ARISTEGUI	ARB	3-18-13
24	[Signature]	JOEL RIZO	ARB	3-18-13
25	[Signature]	Richard Luvick	ARB	3-18-13
26	[Signature]	Robert Green	ARB	3/19/13
27	[Signature]	MAR CORTELLA	ARB	3/19/13
28	[Signature]	Sergio Garcia	ARB	3/21/13
29	[Signature]	MITCHELL SANDOVAL	ARB	3/21/13
30	[Signature]	BEN LEURKSTON	ARB	3/25/13
31	[Signature]	Javier Vasquez	ARB	3/25/13
32	[Signature]	Luis De Valera	ARB	03-25-13
33	[Signature]	MURIEL MONTANA	ARB	3-25-13
34	[Signature]	TOM BEATTY	ARB	3-28-13
35	[Signature]	Gabriel A. Velazquez	ARB	3-28-2013

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Genesis Site Safety Orientation

ARB Inc.

March 2013

	Signature	Print Name	Company	Date
1	<i>[Signature]</i>	Carli Vite	ARB	3-28-13
2	<i>[Signature]</i>	Glen A. Hank	ARB	3-28-13
3	<i>[Signature]</i>	Jeremy Pook	ARB	3-28-13
4	<i>[Signature]</i>	Steve Shostel	ARB	3/28/13
5	<i>[Signature]</i>	Brandon Rose	ARB	3/28/13
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Genesis Site Safety Orientation

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2-26-13

Signature	Print Name	Company	
	JASON CIPANCELLA	UMEC	Welder
	Juny Y Lee	UMEC	Welder
	Rod Satcher	UMEC	Welder
	Royce Camp	UMEC	Welder
	Revata Subia	UMEC	Welder
	Gary Nagale	UMEC	Welder
	Michael A. Blotz	UMEC	Welder
	Jerome Tsingjinn	UMEC	Welder 2-26-13
	Ron Gsm	PMI	Fitter
	Justin Pilkington	PMI	Fitter
	DANIEL GIPSON	PMI	Inspector ^{AWS} 2-28-13
	ERIC CAMBEN	UMEC	Fitter/welder 2-28-13
	JORGE BENITEZ	UMEC	FITTER 2-28-13
	WES KEINDL	PMI	FF. 3-19-13
	FRANK DACUL	PMI	WELDLER 3-19-13
	Raul Vega	Superhect	Heat treator 3-19-13
	Michael M. Allard	Dielco Crane Services	operator 3-19-13
	Tim Boyce	RED-D-ARC	Sales Tech 3-19-13
	Robert Hallum	PMI	3-21-13
	David Aston	PMI	3-21-13
	RICHARD MARTINEZ	FROND	3-25-13
	Chris Minkelson	BRAND	3/25/13
	Miguel O'Hara	BRAND	3-25-13
	Ryan Tisdale	BRAND	3-25-13
	Jose Carrillo	BRAND	3-25-13
	Jose R. Granados	BRAND SCAFFOLD	03-25-13
	JULIO VIANCA	PMI	IRON WORKER 3-25-13
	Martin Frady	PMI	IRON WORKER 3-25-13
	ED PAULSEN	PMI	IRON WORKER 3-25-13
	JOSE GONZALEZ	BRAND	3-25-13
	Isiah Thorn	PMI	3-25-13
	JESSE SIMON	PMI	Fitter 3-25-13
	STEWART SLAGTER	PMI	Fitter 3-25-13

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Genesis Site Safety Orientation-March 2013

	Signature	Print Name	Company	Date
1		FRITZ FROST	BRAND	3-5-13
2		Francisco Cortes	Brand	3-11-13
3		Daniel Taylor	Brand	3-11-13
4		Morad Abderrahim	Brand	3-11-13
5		Kenji Struass	BRAND	3-11-13
✓6		MARCUS KURLIN	NEUTRON	3-13-13
SWCA		DAVID STERWOOD	SWCA ENVIRONMENTAL	3-13-13
✓8		Ben A. Lita	Newtron	3-13-13
✓9		Fernanda Ortega	Newtron	3-13-13
10				
✓11		WILLIAM BOYLE	NEUTRON	3-13-13
✓12		Michael Wurnos	NEUTRON	3-13-13
✓13		ANTHONY BUIRE	Newtron	3-13-13
✓14		Steven Valenta	Newtron	3-13-13
✓15		John R. Myers	Newtron	3-13-13
✓16		Mike Lambert	Newtron	3-13-13
✓17		Franck Benedetti	Newtron	3-13-13
✓18		CHARLES SABNICK	Newtron	3-14-2013
✓19		JAMIE SANCHEZ	Newtron	3-14-13
✓20		LOWELL KING JR.	NEUTRON	3-14-13
✓21		DWAYNE GARRIDO	NEUTRON	3-15-13
✓22		Oscar Viramontes	NEUTRON	3-15-13
✓23		ANTONIO J. VARGAS	NEUTRON	3-15-13
✓24		Edward P. Robert III	NEUTRON	3-15-13
✓25		TRACY WHITMAN	NEUTRON	3-15-13
✓26		Brian F. Whitman	NEUTRON	3-15-13
✓27		Mike Van Rinsouwer	Newtron	3-15-13
✓28		Michael Sanchez	Newtron	3-15-13
29		Charles Sparta	Newtron	3-18-13
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Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications

Genesis BVnet Status Matrix March 2013

Project	Submittal Title	Lead Plan Reviewer	CBO Approved Date
Genesis Solar Energy Project	STRUC-1-706.5 - Fire Pump House Platform - PC1	Ho, Alan	3/4/2013
Genesis Solar Energy Project	TSE-6-605 - Transmission Line Design Str 46-63 - PC4	Amirazizi, Saeed	3/4/2013
Genesis Solar Energy Project	ELEC-1-048.0X1 - One-Line Diagrams - Unit No 2 - PC1	Son, Cristian	3/5/2013
Genesis Solar Energy Project	ELEC-1-071.0X1 - ELECTRICAL ONE-LINE DIAGRAM - POWER BLOCK NO 1 - PC1	Son, Cristian	3/5/2013
Genesis Solar Energy Project	ELEC-1-072.0X1 - ELECTRICAL ON-LINE DIAGRAM - POWER BLOCK NO 2 - PC1	Son, Cristian	3/5/2013
Genesis Solar Energy Project	MECH-1-111.0 - ISOs for Chemical Injection - PC1	Trimberger, Tom	3/5/2013
Genesis Solar Energy Project	MECH-1-202.0 - Unit 1 and 2 Ullage-Transformer-Turbine-Fire Protection - PC2	Trimberger, Tom	3/5/2013
Genesis Solar Energy Project	MECH-1-104.0 - ISOs for Aux Steam - PC1	Trimberger, Tom	3/6/2013
Genesis Solar Energy Project	MECH-1-114.0 - ISOs for Cooling Water - PC1	Trimberger, Tom	3/6/2013
Genesis Solar Energy Project	STRUC-1-111.0 - PDC 2B STRUCTURAL - PC2	Rodriguez, Eric	3/6/2013

Genesis BVnet Status Matrix March 2013

Project	Submittal Title	Lead Plan Reviewer	CBO Approved Date
Genesis Solar Energy Project	STRUC-1-137.0 - Solar Field 1 Instrument Rack Foundation - PC1	Ho, Alan	3/7/2013
Genesis Solar Energy Project	ELEC-1-073.0X1 - ELECTRICAL ONE-LINE DIAGRAM - COMMON AREA - PC1	Son, Cristian	3/8/2013
Genesis Solar Energy Project	MECH-2-009.0 - HTF-Steam Generation System Code Compliance - PC1	Bartholomew, David	3/8/2013
Genesis Solar Energy Project	STRUC-1-138.0 - Solar Field 2 Instrument Rack Foundation - PC1	Ho, Alan	3/8/2013
Genesis Solar Energy Project	MECH-1-116.0 - ISOs for Heater Bleed and Drain - PC1	Trimberger, Tom	3/11/2013
Genesis Solar Energy Project	MECH-1-123.0 - ISOs for HP Feedwater - PC1	Trimberger, Tom	3/11/2013
Genesis Solar Energy Project	ELEC-1-171.0 - CABLE DERATING AND AMPACITY CALCULATIONS - PC1	Son, Cristian	3/12/2013
Genesis Solar Energy Project	STRUC-1-309.0X1-Treated Water Tank- PC2	Ho, Alan	3/12/2013
Genesis Solar Energy Project	STRUC-1-310.0X1-Waste Water Tank- PC2	Ho, Alan	3/12/2013
Genesis Solar Energy Project	MECH-1-119.0-ISOs for Potable Water-PC1	Trimberger, Tom	3/19/2013

Genesis BVnet Status Matrix March 2013

Project	Submittal Title	Lead Plan Reviewer	CBO Approved Date
Genesis Solar Energy Project	STRUC-1-139.0 - Common Area Storage Slabs- PC1	Ho, Alan	3/19/2013
Genesis Solar Energy Project	STRUC-1-312.0 - Aquatech Pipe Rack Structural Calculations - PC2	Ho, Alan	3/21/2013
Genesis Solar Energy Project	ELEC-1-007.0X2 - Installation Details and Standard Assembly Drawings - PC2	Son, Cristian	3/27/2013

Appendix E

Cultural Monitor Reports

Cul-8 and Cul-13

Construction Monitoring Plan and Flag and Avoid

PAL-5

PRS Monitoring and Stop Work Authority

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

MCR for Cultural Resources

CUL-7: Worker Environmental Awareness Program (WEAP)

Requirement: Submit past 30 days of training records

Workers Environmental Awareness Program

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

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

There were no compliance issues this month.

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

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

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

March 2013		
Date	Number of Cultural Resource Monitors	Number of Native American Monitors
3/1/2013	1	2
3/4/2013	4	2
3/5/2013	4	2
3/6/2013	4	2
3/7/2013	4	2
3/8/2013	1	1
3/9/2013	1	1
3/11/2013	4	2
3/12/2013	4	2
3/13/2013	4	2
3/14/2013	4	2
3/15/2013	2	2
3/18/2013	4	2
3/19/2013	4	2

3/20/2013	3	2
3/21/2013	4	2
3/22/2013	1	2
3/25/2013	2	2
3/26/2013	2	2
3/27/2013	2	2
3/28/2013	2	2
3/29/2013	1	2

Number of Isolate Forms submitted- 1

Number of Site Update Forms submitted- 0

Number of Monitoring Logs submitted - 61

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, and various trenching activities on site. A total of two artifacts were found in all construction areas during the month of March. Both 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.



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150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
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www.swca.com

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

March 31, 2013

RE: PAL-5, Summary of paleontological monitoring and mitigation activities at the Genesis Solar Energy Project for the period of March 1, through March 31, 2012

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 March 1 to March 31, 2013. One SWCA Paleontological Resources Monitors (PRM) was onsite full-time and a second PRM was onsite part-time during all grading and excavation activities exceeding 1.5 feet in depth within Unit 1 Solar Block 7 and Unit 2 Solar Block 8, Power Blocks 1 & 2, the Pipe Bridge foundations, and the Transmission Line from Structures 54-63, 92-81, and 107-109. All paleontological monitoring occurred in Quaternary alluvium.

During the course of monitoring in March, one (1) fossil locality was observed and recorded. The locality included a number of small petrified wood fragments which were deemed non-significant by the PRM and PRS and were not collected. No issues or concerns regarding paleontological resources were identified during the month of March. 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, appearing to read "Cara Corsetti". The signature is fluid and cursive.

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:

233,963	Man hours logged this month
571,792	Man hours logged during 2013
1,910,962	Job total man-hours

Project total RIR 1.05
2013 RIR 1.05

There were no OSHA recordable injuries or Lost Time injuries in March 2013 Solar Genesis

First Aid incidents reported during March 2013

3-05-13 A Largo employee reported being poked in the cheek below his safety glasses from a tie wire being cut by his coworker. The puncture was very small. The employee requested a tetanus vaccination. This is reported as 1st aid.

3-08-13 Newtron reported a 1st Aid on March 8th when an employee cut the inside of his thumb while handling a cable tray. A sharp edge of the tray cut through his glove and into the thumb. The cut was cleaned and bandaged. The employee returned to work.

3-13-13 Largo reported a first aid. An employee stacking concrete forms on a truck bed lifted and twisted his body causing pain in his lower back. Onsite Health and Safety responded and rendered 1st aid by massage. The employee was able to return to regular duty.

3-14-13 BPC reported first aid when welding slag fell into an employee's glove cuff causing a small burn on the employees' wrist. Medical consulted was called for recommendation. The wound was cleaned and bandaged. The employee returned to work without further incident.

3-15-13 A Newtron employee drilling with a magnetic mounted drill injured the tip of his finger when his coworker mistakenly turned off the power to the mounting magnet allowing the drill to fall pinching the individual's fingertip.

3-15-13 PMI reported 1st aid when an employee was walking backwards spotting for an aerial lift. He tripped falling backwards causing a scrape on his left forearm.

3-20-13 EPC reported a first aid from a Wasatch employee. The employee reported pain in his right arm after lifting a cable traveler. The employee requested a physician confirmation and was diagnosed with soft tissue damage. The employee returned to work without further incident.

3-20-13 PMI reported an employee with a particle that could not be washed from his eye. Onsite was called to render first aid. The particle was not lodged and was easily removed. The employee returned to work.

3-21-13, first aid reported when a PMI employee with a particle in his eye. The particle was washed free and the employee returned to work.

3-22-13, first aid reported when a SPX employee pinched his finger between a structure and pry bar requiring a bandage.

3-23-13, first aid reported when a SPX employee stepped on a metal shard in cooling tower #2. The metal breached the sole of his boot and entered his foot. The wound was cleaned and bandaged. The employee returned to work.

Jonathan Knight, LOTO Coordinator arrived onsite late February and began training personnel. John also developed a LOTO PowerPoint distributed to contractors for training craft.

Man-Hours increased 66% from January. Man-Hours tallied 155k for the month of January 2013 and increased to 234k for the month of March.

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

Contractor Safety Audits were completed and actioned.

Genesis Safety Committee continued regular weekly meetings.

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

3rd party audits continued from Bureau Vertis weekly.

The total Safety Orientations/WEAP training for the month 177.



Make the RIGHT Choice

March 4, 2013

Deadly Dozen

Every workplace incident can be traced back to an unsafe condition or behavior. Conducting frequent hazard analyses to weed out these causes and take corrective action before an incident or injury occurs is critical to maintaining a safe working environment. Hazard recognition should be everyone's job. The Washington Department of Labor and Industries lists the "Deadly Dozen" – 12 common unsafe acts or conditions that can lead to workplace incidents. The agency recommends supervisors discuss these items with workers so they understand the dangers and know to be on the lookout for these safety hazards.

Unsafe acts:

1. Unauthorized use or operation of equipment
2. Failure to secure or tie down materials to prevent unexpected movement
3. Working or operating equipment too quickly
4. Failure to issue warnings or signals as required
5. Using defective tools or equipment
6. Removing guards
7. Improperly using tools or equipment
8. Standing in an unsafe place or assuming an improper posture
9. Servicing moving equipment
10. Riding on equipment not designated for passengers
11. Horseplay
12. Failure to wear personal protective equipment

Unsafe conditions:

1. Lack of proper guards
2. Lack of a proper warning system
3. Fire and explosion hazards
4. Poor housekeeping
5. Unexpected movements
6. Protruding objects, such as nails, wire or other metals
7. Improper clearance or congestion at aisles or passageways
8. Poor placement, storage or arrangement of materials
9. Hazardous tools, equipment or materials
10. Poor lighting, high noise levels
11. Hazardous atmospheric conditions
12. Improper personal attire

We all know that there must be a cause for an accident to happen. Remember that in order to avoid accidents, we must remove the cause. Every cause is a result of an unsafe act or unsafe condition. If you are able to recognize an unsafe act or condition and mitigate the issue you are able to prevent accidents.



Make the RIGHT Choice

March 11, 2013

Safety is Common Sense

According to safety professionals, four of five serious injuries are the result of workers not being sensible on the job and taking unnecessary chances. Common sense on the job is irreplaceable. Most of us have worked around people that are accident prone. They aren't jinxed rather they are not very common sense smart.

Common Sense Smarts

- Always wear the proper personal protective equipment.
- Don't over exert yourself – get help with heavy tasks.
- Don't over extend yourself when on ladders – and risk losing your balance.
- Always use the proper tool for the job.
- Concentrate on your work.
- Look for unsafe acts or unsafe working conditions – and then report them.
- Watch out for others – remember you are part of a team.

Ask the following questions before you begin to work:

Are the conditions safe to do the work?

Are the methods we are going to use safe?

Does everyone know what to do?

Does everyone know how to do it?

Can I fall, get struck by, get caught between or under, or get electrocuted on this job?

By remembering and following common sense rules and by asking yourself about the conditions, methods, job site hazards and knowing what to do, you should be able to decrease your chances of being injured.

Be “common sense smart” and prevent accidents, not cause them.



Make the RIGHT Choice

March 18, 2013

Signaling Operators

When hand signals are to be used to direct an operator, the signal person must always be visible to the operator, and both persons must be comfortable with the meaning of all signals that might be used. The most commonly used hand signals for directing telehandler lifting operations are found below.

Special operations may require alterations or even new signals. In crane operations it may be required that one signal person direct the lift of the load and another signal person direct the receiving of the load, then there must be another signal to tell the operator to shift attention to the second signal person. When the operator loses sight of the load during part of the movement of the load, the operation is called a blind pick. For these operations, part of the signal should be controlled by radio. A signal person and an operator make up an important part of the team. The lives of other workers depend on the skills of such teams. The operator should never respond to a signal from someone who is not the signal person; the only exceptions may be the signals for an emergency stop.

Know the signals. If you have to, get with the operator and coordinate what signals mean. Be sure the operator knows who the signal person is.

The signal person must:

- Always be in a position to see both the operator and the work area.
- Always watch the load; the operator must watch the signal person.
- Not move a suspended load over workers.
- Always warn workers when loads are being moved in their area.
- Watch for overhead power lines and any other obstructions.

Remember the proper type of signaling operation – for a truck, forklift or crane. It only takes one small mistake on the part of the signal person to cause a severe injury or major property.

Telehandler Hand Signals			
Retract Boom 	Raise Boom 	Stop 	
Extend Boom 	Lower Boom 	Shift Fork Left 	Shift Fork Right
Tilt Forks Left 		Tilt Forks Up 	Tilt Forks Down
Tilt Forks Right 			

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March 25, 2013

Accidents Are Avoidable

Each time someone is injured, we need to ask ourselves, how did it happen? Accidents just don't happen, they are caused. Accidents are usually a result of someone not paying attention or not knowing how to recognize a jobsite safety hazard. Sites with effective safety attitudes have about a fifth as many injuries compared to those without the same safety attitude. Below are some general guidelines to follow and hazard avoidance rules to aid in creating a safer workplace.

General Rules

- Learn the safe way to do your job.
- Ensure you have the proper training and knowledge to complete your task.
- Don't rush your work; taking shortcuts or working at a hurried pace.
- Ask for help; whether it is for lifting large objects or clarification of direction.
- Don't work under suspended loads.
- Secure tools and materials to prevent displacement.
- Remove protruding nails or bend them over.
- Keep the work area clear of debris.
- Use the personal protective equipment required for the job.
- Treat all electrical wires as being live.
- Use the right tool for the right job.
- Complete thorough pre-use inspections to ensure all tools and equipment are in good shape and safe for use.

Four Hazard Avoidance Rules

- Know the safe way to work, and then follow the safe way all the time.
- Maintain safe working conditions – for yourself and others around you.
- Work safely, setting the example, and encourage others to do so.
- Report all accidents and near misses.

Remember to ask yourself if you are following the basic common sense rules? If you aren't following them, then you take the chance of causing an accident. Keep asking yourself "how can I make my work safer?" Doing so and you'll probably not have a serious accident, and help prevent a serious accident for a fellow worker.

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.

Equipment Deliveries:

- ♦ Feedwater Heater LP 1 (1CO-HTR-0100)
- ♦ Feedwater Heater LP 2 (1CO-HTR-0200)
- ♦ Feedwater Heater LP 3 (1CO-HTR-0300)
- ♦ Feedwater Heater HP 1 (1FW-HTR-0100)

Permanent Site Security and Wind Fence(K009):

- ♦ No Activity.

General Services (K010):

- ♦ Establishing subgrade in Power Block 2.

Solar Field Foundations (K013):

- ♦ No Activity.

Solar Field Underground Electrical (K014):

- ♦ Installing ground grid in Power Blocks 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – stripping pedestals and post installing bolts on the HTF Overflow slab. Poured pedestals for miscellaneous pipe support foundations, working on the deluge foundations. Unit 1 – Stripped forms from the deaerator support, auxiliary boiler, and PDC 1C. installed rebar and pouring in HTF expansion vessel foundations and air receiver foundation. Starting Excavated cable tray rack footings. Common Area – None.

230 Kv Line and Switchyard(K016):

- ♦ Terminating flex connectors to GSU 2, continue pulling and terminating control and indication for control panels. Pulled in last t-line conductor from PB1 to PB2 switchyard, started sagging and clip ins, should complete Saturday.

Solar Field Header/Common Area Piping (K021):

- ♦ Welding out pipe in Solar Field 2 Block 5, 8 and 10. Installing interconnects in Block 3.

Site Safety Topic Of The Week:
"Preventing an Accident"

Weather		
Clear	Temp- High 80	Winds-Southeast at 3 mph



Power Block 2



Common Area- Cooling Towers

Power Block Piping and Mechanical(K022):

- ♦ Working pipe in all Pipe Racks, Lube Oil, Gland Steam, Boiler Feed Water and Water Treatment Area. Detailing Expansion Vessel steel. Working interconnects on Train 1. Forming and grouting foundations. Laying out Unit 1 STG foundation. Set Unit 1 Overflow Vessel.

Solar Field Above Ground Electrical (K029):

- ♦ Completed turnover of Rings 1 and 6. Completed setting electrical gear in Substation 2A. Terminating in Substation 2B. Terminations Ring 5. Working all aspects in Rings 8, 9 and 10. Installing cable tray north/south pipe way.

Power Block Above Ground Electrical(K030):

- ♦ Cable tray and conduit installation on 22 West, 25 East into Elect Building. Pulling control ACC and terminating ACC fan drive motors. Pulling 5kv HTF and PDC Feeders.

Fire Protection and Detection Systems (K032):

- ♦ No Activity.

Air Cooled Condenser (K057):

- ♦ Unit 2- Working punch list. Unit 1- Installing tube bundles on Street 3. Installing Air take off lines on Street 4. Welding Tube Bundles and Collection Condensate Manifolds on Street 4. Working lower Turbine Exhaust Duct. Prebuilding Turbine Exhaust Duct Risers, Air Take Off, Bents and Drain Pipe systems.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing cable tray in Admin, non-seg buss PDC-0A, cable tray on pipe rack and grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 1 Block 5. Leveling SCE's in Solar Field 1 Block 5. Leveling pylons in Solar Field 1 Block 1. Erecting pylons in Solar Field 1 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE Tubes in Block 5. Welding HCE Tubes in Block 4. Installing Crossovers and swivel joints in Block 4 and 5. Settings supports and interconnects in Block 10. Continued pneumatic testing in Block 3. Working punch list items in Unit 2 Blocks 1 and 6.

Personnel Onsite	Total
Genesis Management	40
Genesis Operations	27
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	0
Sukut (K010)	20
Largo (K013)	0
Newtron (K014)	7
Largo (K015)	77
EPC (K016)	14
BPC (K021)	75
PMI (K022)	203
Newtron (K029)	22
FE Moran (K032)	0
Newtron (K030)	74
SPX (K057)	104
Newtron (K073)	15
BPC (K100)	90
BPC (K102)	107
Total Personnel Onsite	901



Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014

Safety:

- ♦ A Largo employee reported a first aid from being poked in the cheek below his safety glasses from a tie wire being cut by his coworker. The puncture was very small. The employee requested a tetanus vaccination.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Unit 1 Auxiliary Boiler
- ♦ Unit 1 Feedwater Heater HP2

Permanent Site Security and Wind Fence(K009):

- ♦ Working on punch list items.

General Services (K010):

- ♦ Establishing subgrade in Power Block 2.

Solar Field Foundations (K013):

- ♦ Unit 1 – Installing electrical supports and clean-up around sleepers.

Solar Field Underground Electrical (K014):

- ♦ Installing ground grid in Power Blocks 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Installing epoxied anchors on HTF Overflow slab pedestals. Working on the deluge 3 foundation. Excavating for SGS train 2 Slab edge and thickened areas. Unit 1 – Constructing HTF expansion vessel foundations, foundations under the ACC, and excavating Demin area foundations. Common Area – Drilling for the last of the common area miscellaneous pipe supports.

230 Kv Line and Switchyard(K016):

- ♦ Terminating flex connectors to GSU 2. Clipping and sagging T-Line from Unit 1 GSU to Switchyard.

Solar Field Header/Common Area Piping (K021):

- ♦ Welding out pipe in Solar Field 2 Block 5, 8,10 and on North/South Pipe way. Installing interconnects in Block 3. Prepping to Hydro Unit 2 Block 3. Common Area- Installing structural steel, equipment and pipe.

Site Safety Topic Of The Week:
"Deadly Dozen"

Weather		
Clear	Temp- High 80	Winds-South at 13 mph



Power Block 2-STG Enclosure



Power Block 2- Water Treatment Area

Power Block Piping and Mechanical(K022):

- ♦ Working pipe in all Pipe Racks, Lube Oil, Gland Steam, Boiler Feed Water and Water Treatment Area. Installing STG Enclosure sheeting. Forming and grouting foundations. Installing MPS and MES supports. Aligning Demin Pumps.

Solar Field Above Ground Electrical (K029):

- ♦ Installed solar field cable tray North/South pipe way run. Installing service transformer and electrical solar field substation 2C. Terminations continue in 2B and tailing in in 2A. LOC installation in Rings 9 and 10 with raceway and instrument sets. Terminations continue in Rings 5 and 10.

Power Block Above Ground Electrical(K030):

- ♦ ACC fan motor terminations continue. Pulling conductor for lighting ACC. Pulling feeder conductors PDC-2D, HTF motor feeders and Anti-freeze motor feeders. Cable tray installation 22, 23 and Electrical Building. Ongoing rework for tray supports, installation non-seg buss duct for service transformers.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Antifreeze Pumps.

Air Cooled Condenser (K057):

- ♦ Unit 2- Working punch list. Unit 1- Welding Air Takeoff and Drain Pipe and Steam Duct Manifolds and Street 4. Working lower Turbine Exhaust Duct. Prebuilding Turbine Exhaust Duct Risers, Air Take Off, Bents and Drain Pipe systems.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing cable tray in Admin and on pipe rack. Continue grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 8. Leveling SCE's in Solar Field 1 Block 5. Aligning pylons in Solar Field 1 Block 1. Erecting pylons in Solar Field 1 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE Tubes in Block 5. Welding HCE Tubes in Block 4 and 5. Installing Crossovers and swivel joints in Block 4 and 5. Settings supports and interconnects in Block 10. Continued pneumatic testing in Block 3. Working punch list items in Unit 2 Blocks 1 and 6.

Personnel Onsite	Total
Genesis Management	40
Genesis Operations	27
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	45
Newtron (K014)	7
Largo (K015)	77
EPC (K016)	14
BPC (K021)	75
PMI (K022)	203
Newtron (K029)	22
FE Moran (K032)	6
Newtron (K030)	74
SPX (K057)	104
Newtron (K073)	15
BPC (K100)	90
BPC (K102)	107
Total Personnel Onsite	954



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

March 6, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Working on punch list items.

General Services (K010):

- ♦ Establishing subgrade in Power Block 2.

Solar Field Foundations (K013):

- ♦ Unit 1 – Installing electrical supports and clean-up around sleepers.

Solar Field Underground Electrical (K014):

- ♦ Installing ground grid in Power Blocks 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Installing epoxied anchors on HTF Overflow slab pedestals. Working on the deluge 3 foundation. Excavating and forming for SGS train 2 Slab edge and thickened areas. Unit 1 – Constructing HTF expansion vessel foundations, foundations under the ACC, and excavating demin area foundations. Common Area –Excavating for the last of the common area miscellaneous pipe supports.

230 Kv Line and Switchyard(K016):

- ♦ Completed sag and clip in t-line to Switchyard. Ground rod installations, down guy anchors at pole 21. control terminations and completed Ionizer pole installation at Unit 2 GSU.

Solar Field Header/Common Area Piping (K021):

- ♦ Welding out pipe in Solar Field 2 Block 5, 8,10 and on North/South Pipe way. Installing interconnects in Block 3. Filling lines in Unit 2 Block 3 for Hydro Test. Common Area- Installing structural steel, equipment and pipe.

Site Safety Topic Of The Week:
"Deadly Dozen"

Weather		
Clear	Temp- High 80	Winds-South at 10 mph



Power Block 2-Forming SGS Slab



Common Area

Power Block Piping and Mechanical(K022):

- ♦ Working pipe in all Pipe Racks, Lube Oil, Gland Steam, Boiler Feed Water and Water Treatment Area. Installing STG Enclosure sheeting. Forming and grouting foundations. Installing MPS and MES supports.

Solar Field Above Ground Electrical (K029):

- ♦ LOC box installation Ring 10. Terminations in Ring 5. Race way, instrument, tail in cable Rings 10 and 9. Cable tray SF pipe rack and terminations Substation 2B.

Power Block Above Ground Electrical(K030):

- ♦ ACC fan motor terminations continue. Pulling conductor for lighting ACC. Pulling feeder conductors PDC-2D, HTF motor feeders and Anti-freeze motor feeders. Cable tray installation 22, 23 and Electrical Building. Above ground equipment ground terminations.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Antifreeze Pumps.

Air Cooled Condenser (K057):

- ♦ Unit 2- Working punch list. Unit 1- Welding Air Takeoff and Drain Pipe and Steam Duct Manifolds and Street 4. Working lower Turbine Exhaust Duct. Prebuilding Turbine Exhaust Duct Risers, Air Take Off, Bents and Drain Pipe systems.

Common Area Electrical and Instrumentation (K073):

- ♦ Welding seismic tray supports Admin electrical room. Cable tray pipe rack, non-seg buss duct and interconnects PDC-0A.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 8. Leveling SCE's in Solar Field 1 Block 5. Aligning pylons in Solar Field 1 Block 1. Erecting pylons in Solar Field 1 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE Tubes in Block 5. Welding HCE Tubes in Block 4 and 5. Installing Crossovers and swivel joints in Block 4 and 5. Settings supports and interconnects in Block 10. Continued pneumatic testing in Block 3. Working punch list items in Unit 2 Blocks 1 and 6.

Personnel Onsite	Total
Genesis Management	40
Genesis Operations	27
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	21
Newtron (K014)	7
Largo (K015)	79
EPC (K016)	14
BPC (K021)	106
PMI (K022)	203
Newtron (K029)	22
FE Moran (K032)	6
Newtron (K030)	74
SPX (K057)	104
Newtron (K073)	15
BPC (K100)	90
BPC (K102)	107
Total Personnel Onsite	963



Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Working on punch list items.

General Services (K010):

- ♦ Establishing subgrade in Power Block 2.

Solar Field Foundations (K013):

- ♦ Unit 1 – Installing electrical supports and cleaning up around sleepers.

Solar Field Underground Electrical (K014):

- ♦ Installing ground grid in Power Blocks 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Working on the deluge 3 and 1 & 2 rework. Installing Rebar and forming for SGS train 2 Slab edge and thickened areas. Unit 1 – Pouring the last of the HTF expansion vessel foundations, continuing on foundations under the ACC, and excavating demin area foundations. Forming for the SGS Train 1 slab. Common Area –Excavating for the last of the common area miscellaneous pipe supports and installing rebar.

230 Kv Line and Switchyard(K016):

- ♦ Grounding, installing down guy anchors and pulling hardline in switchyard to power pole 18. Started pulling fiber (OPGW). Continue control/indication terminations in switchyard.

Solar Field Header/Common Area Piping (K021):

- ♦ Welding out pipe in Solar Field 2 Block 5, 8,10 and on North/South Pipe way. Installing interconnects in Block 3. Filling lines in Unit 2 Block 3 for Hydro Test. Common Area- Installing structural steel, equipment and pipe.

Site Safety Topic Of The Week:
"Deadly Dozen"

Weather		
Clear	Temp- High 75	Winds-Southwest at 15 mph



Power Block 2-Pipe Rack 22 East



Power Block 2- Train 2

Power Block Piping and Mechanical(K022):

- ♦ Working pipe in all Pipe Racks, Lube Oil, Gland Steam, Boiler Feed Water and Water Treatment Area. Installing STG Enclosure sheeting. Forming and grouting foundations. Attended Kick off meeting with all pertinent entities for night shift to begin this evening.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field Substation 2B tail in and terminations. Started race way and cable installation 2A. Modifications to 2C complete and terminations in Ring 5. Raceway, instrument, flex installation in Ring 10 and started LOC installation in Ring 9.

Power Block Above Ground Electrical(K030):

- ♦ ACC fan motor terminations continue. Pulling conductor for lighting ACC. Pulling feeder conductors PDC-2D, HTF motor feeders and Anti-freeze motor feeders. Cable tray installation 22, 23 and Electrical Building. Continue grounding equipment.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Antifreeze Pumps and staging pipe around Overflow vessels.

Air Cooled Condenser (K057):

- ♦ Unit 2- Working punch list. Unit 1- Welding Tube Bundles, Air Takeoff and Drain Pipe , Steam Duct Manifolds and Street 4. Working lower Turbine Exhaust Duct. Prebuilding Turbine Exhaust Duct Risers and Bents for Streets 1 and 2.

Common Area Electrical and Instrumentation (K073):

- ♦ Welding seismic tray supports Admin electrical room. Cable tray, conduit and grounding installation.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 8. Leveling SCE's in Solar Field 1 Block 5. Aligning pylons in Solar Field 1 Block 1. Erecting pylons in Solar Field 1 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE Tubes in Block 7. Welding HCE Tubes in Block 4 and 5. Installing Crossovers and swivel joints in Block 4 and 5. Settings supports and interconnects in Block 10. Continued pneumatic testing in Block 3 and into Block 4. Working punch list items in Unit 2 Block 2 and 6.

Personnel Onsite	Total
Genesis Management	40
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	21
Newtron (K014)	7
Largo (K015)	79
EPC (K016)	14
BPC (K021)	106
PMI (K022)	203
Newtron (K029)	22
FE Moran (K032)	6
Newtron (K030)	74
SPX (K057)	104
Newtron (K073)	15
BPC (K100)	90
BPC (K102)	107
Total Personnel Onsite	973



Safety:

- ♦ Newtron reported a 1st aid today from an employee who cut the inside of his thumb while handling cable tray. A sharp edge of the tray cut through his glove and into the thumb. The cut was cleaned and bandaged. The employee returned to work.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

Permanent Site Security and Wind Fence(K009):

- ♦ No Activity.

General Services (K010):

- ♦ Establishing subgrade in both Power Blocks.

Solar Field Foundations (K013):

- ♦ No Activity.

Solar Field Underground Electrical (K014):

- ♦ Installing ground grid in Power Blocks 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Poured deluge 3 and reworking 1 and 2. Installing Rebar and forming the SGS Train 2 Slab and thickened areas.
Unit 1 –Continuing foundations under the ACC, and excavating demin area foundations. Forming for the SGS Train 1 slab.
Common Area –Pouring misc pipe supports.

230 Kv Line and Switchyard(K016):

- ♦ Grounding, installing down guy anchors and pulling hardline in switchyard. Continued pulling fiber and terminating at control building.

Solar Field Header/Common Area Piping (K021):

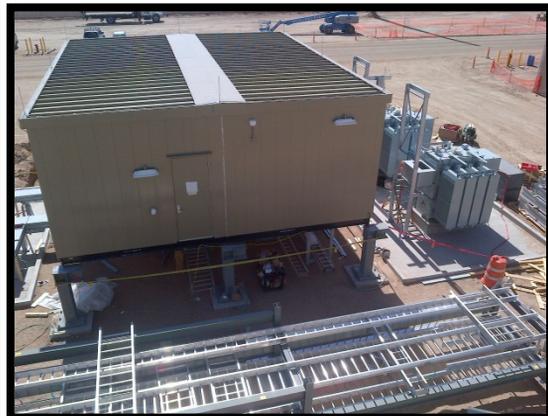
- ♦ Welding out pipe in Solar Field 2 Block 5, 8,10 and on North/South Pipe way. Filling lines in Unit 2 Block 3 for Hydro Test.

Site Safety Topic Of The Week:
"Deadly Dozen"

Weather		
Light Rain	Temp- High 65	Winds-Southwest at 20 mph



Power Block 2-Water Treatment Piping



Common Area PDC

Power Block Piping and Mechanical(K022):

- ♦ Working pipe in all Pipe Racks, Lube Oil, Gland Steam, Boiler Feed Water and Water Treatment Area. Installing STG Enclosure sheeting. Forming and grouting foundations. Began installing misc electrical supports. Night shift continues tonight.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field Substation 2B tail in and terminations. Started race way and cable installation 2A. Raceway, instrument, flex installation in Ring 10 and started LOC installation in Ring 9.

Power Block Above Ground Electrical(K030):

- ♦ ACC fan motor terminations continue. Pulling conductor for lighting ACC. Pulling feeder conductors PDC-2D, HTF motor feeders and Anti-freeze motor feeders. Cable tray installation 22, 23 and Electrical Building. Continue grounding equipment.

Fire Protection and Detection Systems (K032):

- ♦ No Activity.

Air Cooled Condenser (K057):

- ♦ Unit 2- Working punch list. Unit 1- Welding Tube Bundles, Air Takeoff and Drain Pipe , Steam Duct Manifolds and Street 4. Working lower Turbine Exhaust Duct. Prebuilding Turbine Exhaust Duct Risers and Bents for Streets 1 and 2.

Common Area Electrical and Instrumentation (K073):

- ♦ Welding seismic tray supports Admin electrical room. Cable tray, conduit and grounding installation.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 8. Leveling SCE's in Solar Field 1 Block 5. Aligning pylons in Solar Field 1 Block 1. Erecting pylons in Solar Field 1 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE Tubes in Block 7. Welding HCE Tubes in Block 4 and 5. Installing Crossovers and swivel joints in Block 4 and 5. Settings supports and interconnects in Block 10. Continued pneumatic testing in Block 4. Working punch list items in Unit 2 Block 2 and 6.

Personnel Onsite	Total
Genesis Management	40
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	0
Sukut (K010)	20
Largo (K013)	0
Newtron (K014)	7
Largo (K015)	79
EPC (K016)	14
BPC (K021)	75
PMI (K022)	233
Newtron (K029)	22
FE Moran (K032)	0
Newtron (K030)	74
SPX (K057)	104
Newtron (K073)	15
BPC (K100)	90
BPC (K102)	107
Total Personnel Onsite	943



Genesis Solar Energy Project

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

March 11, 2013

Safety:

- ♦ **N0** Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Continued with punch list items.

General Services (K010):

- ♦ Establishing subgrade in both Power Blocks.

Solar Field Foundations (K013):

- ♦ Unit 1-Installing electrical supports and clean-up around sleepers/pipe supports.

Solar Field Underground Electrical (K014):

- ♦ Installing ground grid in Power Block 1.

Power Block Foundations (K015):

- ♦ Unit 2 –Formed Deluge 1, re-poured Deluge 2 and stripped forms from Deluge 3. Forming nitrogen skid pedestals, drill & epoxied bolts in HTF Overflow Slab Pedestals. Unit 1 – Pouring the last of the HTF expansion vessel pedestals, continuing on foundations under the ACC, and excavating Demin area foundations. Poured Cooling Tower Tank Pedestals. Forming for the SGS Train 1 slab and compacting subgrade for cable tray foundations. Common Area – Forming and pouring part of the last common area miscellaneous pipe supports.

230 Kv Line and Switchyard(K016):

- ♦ Pulling cable to Control Building in Switchyard. Transmission Line continued cable pull in Unit 2.

Solar Field Header/Common Area Piping (K021):

- ♦ Filling lines in Unit 2 Block 3 for Hydro Test. Installing interconnects and welding out pipe in Unit 2 Block 5.

Site Safety Topic Of The Week:
"Safety is Common Sense"

Weather		
Clear	Temp- High 81	Winds-Northeast at 7 mph



Power Block 2 East Side Containment Slab



Power Block 2 ACC

Power Block Piping and Mechanical(K022):

- ♦ Working interconnects on Train 1. Forming and grouting foundations. Unit 1- Laying out STG.

Solar Field Above Ground Electrical (K029):

- ♦ Solar Field Substation 2B tail in and terminations continued.

Power Block Above Ground Electrical(K030):

- ♦ Pulling conductor for lighting ACC. Pulling feeder conductors PDC-2D, HTF motor feeders and Anti-freeze motor feeders.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Expansion Tank and HTF Pumps.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Street 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ No Activity.

Pylon, SCE Assembly and Installation(K100):

- ♦ Installing SCE's in Solar Field 2 Block 8. Leveling SCE's in Solar Field 1 Block 5. Aligning pylons in Solar Field 1 Block 1. Erecting pylons in Solar Field 1 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Rotating SCE's in Blocks 1 and 6. Replacing HCE tubes in Block 3. Prefabricating crossovers and interconnects.

Personnel Onsite	Total
Genesis Management	40
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	10
Newtron (K014)	8
Largo (K015)	76
EPC (K016)	14
BPC (K021)	59
PMI (K022)	87
Newtron (K029)	11
FE Moran (K032)	6
Newtron (K030)	11
SPX (K057)	104
Newtron (K073)	0
BPC (K100)	81
BPC (K102)	16
Total Personnel Onsite	608



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

March 12, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Continued with punch list items.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 – Installing electrical supports and clean-up around sleepers/pipe supports.

Solar Field Underground Electrical (K014):

- ♦ Installing ground grid in Power Block 1.

Power Block Foundations (K015):

- ♦ Unit 2 – Re-poured Deluge 1 and stripped Deluge 2. Poured nitrogen skid pedestals. Drill & epoxy bolts in HTF Overflow Slab pedestals continued. Installing rebar for containment slab under Train 2. Unit 1 – Working Demin area foundations. Forming for the SGS Train 1 slab. Installing rebar for cable tray foundations. Working on service station transformer pad, and the North slab trench drain. Common Area – Stripping forms and clean-up for on last few Common Area miscellaneous pipe supports.

230 Kv Line and Switchyard (K016):

- ♦ Pulling cable to Control Building in Switchyard. Transmission Line continued cable pull in Unit 2. Installing fence around Switchyard.

Solar Field Header/Common Area Piping (K021):

- ♦ Filling lines in Unit 2 Block 3 for Hydro Test. Installing interconnects and welding out pipe in Unit 2 Block 5. Common Area- Working foundations in Water Treatment Building.

Site Safety Topic Of The Week:
"Safety is Common Sense"

Weather		
Clear	Temp- High 86	Winds-Southwest at 5 mph



Power Block 2 East Side Containment Slab



Power Block 2 STG

Power Block Piping and Mechanical(K022):

- ♦ Working interconnects on Train 1. Forming and grouting foundations. Unit 1- Laying out STG.

Solar Field Above Ground Electrical (K029):

- ♦ Continued Solar Field cable tray installation at pipe way. Continue with cable and fiber terminations in Rings 5 and 10. Setting instruments and terminations in Ring 10. LOC installation in Ring 9. Tail in and terminations at SF Substation 2B.

Power Block Above Ground Electrical(K030):

- ♦ Cable tray installation on Racks 22 and 23. Seismic support and tray installation in the Electrical Building. Pulling 15 kv cable and terminations at HTF pumps. Lighting, control and indication cable pull at the ACC.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Expansion Tank and set Deluge Enclosure near STG.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Street 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ Seismic tray support and tray installation Admin Building. Grounding A/G equipment and cable tray installation.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 1.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Installing HCE tubes in Unit 2 Block 7. Welding in Unit 2 Block 5. Prefabricating crossovers and interconnects.

Personnel Onsite	Total
Genesis Management	40
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	10
Newtron (K014)	10
Largo (K015)	87
EPC (K016)	17
BPC (K021)	93
PMI (K022)	149
Newtron (K029)	27
FE Moran (K032)	6
Newtron (K030)	63
SPX (K057)	47
Newtron (K073)	15
BPC (K100)	47
BPC (K102)	51
Total Personnel Onsite	747



Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

Permanent Site Security and Wind Fence(K009):

- ♦ Continued with punch list items and demobilization.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 – Installing electrical supports and clean-up around sleepers/pipe supports.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 –Stripped forms from nitrogen skid pedestals. Drill & epoxy bolts in HTF Overflow Slab pedestals were completed. Installing rebar for containment slab under Train 2 with pour scheduled for tomorrow. Poured Demin area conduit support footings. Unit 1 – Working Demin area foundations, SGS Train 1 slab, working cable tray foundations. Working on service station transformer pad, and excavated carbon filter. Common Area – Poured the last two Common Area miscellaneous pipe supports.

230 Kv Line and Switchyard (K016):

- ♦ Terminating cable to Control Building in Switchyard. Transmission Line continued cable pull in Unit 2. Installing fence around Switchyard. Installing down guys and anchors on power poles.

Solar Field Header/Common Area Piping (K021):

- ♦ Filling lines in Unit 2 Block 3 for Hydro Test. Installing interconnects and welding out pipe in Unit 2 Block 5 and on North/South Header. Common Area- Working foundations in Water Treatment Building. Installing pipe and structural steel.

Site Safety Topic Of The Week:

"Safety is Common Sense"

Weather		
Clear	Temp- High 90	Winds-Southwest at 2 mph



Power Block 2 Main Transformer



Power Block 1 ACC

Power Block Piping and Mechanical(K022):

- ♦ Working interconnects on Train 1. Forming and grouting foundations. Installing pipe on Pipe Racks 22, 23, 24, 17 and Gland Steam. Unit 1- installing sole plates on STG.

Solar Field Above Ground Electrical (K029):

- ♦ Setting instruments and terminations in Ring 10. LOC installation in Ring 9. Rough in Substation 2C.

Power Block Above Ground Electrical(K030):

- ♦ Cable tray installation on Pipe Rack 22. Installing Seismic support in electrical Building to cable pit. Pull U/G 15kv cable feeders PDC-2B and 2C, lighting and control ACC, terminations HTF pumps.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Expansion Tank and set Deluge Enclosure near HTF pumps.

Insulation and Heat Tracing (K036):

- ♦ Mobilizing and receiving equipment/materials.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Street 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 1. Erecting pylons Unit 2 Blocks 2 and 3. Setting SCE's in Unit 2 Block 8 and moving into Unit 1 Block 5. Leveling SCE's in Unit 2 Block 8.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Installing HCE tubes in Unit 2 Block 7. Welding HCE tubes in Unit 2 Block 5. Prefabricating crossovers and interconnects. Rotating SCE's in Unit 2 Block 6. Installing supports in Unit 2 Block 10.

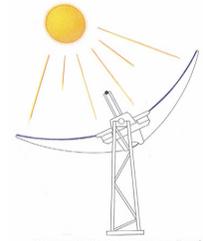
Siemens:

- ♦ Continue work on Unit 1 Main Transformer.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	10
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	17
BPC (K021)	92
PMI (K022)	224
Newtron (K029)	33
Newtron (K030)	73
Fe Moran (K032)	6
Petrochem (K036)	8
SPX (K057)	84
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	91
Siemens	5
Total Personnel Onsite	970



Genesis Solar, LLC.
Blythe, California
Daily Report



Genesis Solar Energy Project

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

March 14, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Common Area Instrument Air Skid arrived today.

Permanent Site Security and Wind Fence(K009):

- ♦ Continued with punch list items and demobilization.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1 and also in Power Block 2 by Piperack 22.

Solar Field Foundations (K013):

- ♦ Unit 1 – Installing electrical supports and clean-up around sleepers/pipe supports.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Poured containment slab under SGS Train 2. Started grading for Slab area North of Deluge 2. Stripped forms from Demin area conduit support footings. Unit 1 – Working Demin area foundations, SGS Train 1 slab, working cable tray foundations, and service station transformer pad. Common Area – Clean-up around miscellaneous pipe supports and poured Instrument Air Pad.

230 Kv Line and Switchyard (K016):

- ♦ Terminating cable to Control Building in Switchyard. Transmission Line continued cable pull along the access road. Installing fence around Switchyard & GSU Transformer. Installing down guys and anchors on power poles.

Solar Field Header/Common Area Piping (K021):

- ♦ Filling lines in Unit 2 Block 3 for Hydro Test. Installing interconnects in Unit 2 Block 5 and on North/South Header. Welding pipe in Unit 2 Block 10. Common Area- Working foundations in Water Treatment Building. Installing pipe and structural steel.

Site Safety Topic Of The Week:
"Safety is Common Sense"

Weather		
Clear	Temp- High 94	Winds-Southwest at 5 mph



Power Block 2 East SGS Slab



Common Area

Power Block Piping and Mechanical(K022):

- ♦ Working interconnects on Train 1. Forming and grouting foundations. Installing pipe on Pipe Racks 22, 23, 24, 17 and Gland Steam. Unit 1- installing sole plates on STG.

Solar Field Above Ground Electrical (K029):

- ♦ Setting instruments and terminations in Ring 10. LOC installation in Ring 9. Rough in Substation 2C.

Power Block Above Ground Electrical(K030):

- ♦ Cable tray installation on Pipe Rack 22. Installing Seismic support in electrical Building to cable pit. Pull U/G 15kv cable feeders PDC-2B and 2C, lighting and control ACC, terminations HTF pumps.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Expansion Tank and working Deluge Enclosures.

Insulation and Heat Tracing (K036):

- ♦ Mobilizing and receiving equipment/materials.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Street 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 1. Erecting pylons Unit 1 Blocks 2 and 3. Setting SCE's in Unit 1 Block 1. Leveling SCE's in Unit 2 Block 8.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Installing HCE tubes in Unit 2 Block 7. Welding HCE tubes in Unit 2 Block 5. Prefabricating crossovers and interconnects. Rotating SCE's in Unit 2 Block 6. Installing supports in Unit 2 Block 10.

Siemens:

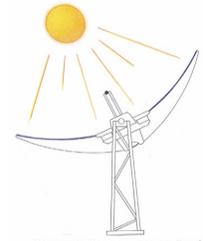
- ♦ Continue work on Unit 1 Main Transformer.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	10
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	20
BPC (K021)	67
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	73
Fe Moran (K032)	6
Petrochem (K036)	8
SPX (K057)	83
Newtron (K073)	20
BPC (K100)	77
BPC (K102)	94
Siemens	5
Total Personnel Onsite	953



Genesis Solar, LLC.
Blythe, California
Daily Report

March 15, 2013



Genesis Solar Energy Project

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

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to Report.

Permanent Site Security and Wind Fence(K009):

- ♦ Continued with punch list items and demobilization.

General Services (K010):

- ♦ Establishing subgrade in Power Block 2.

Solar Field Foundations (K013):

- ♦ No Work.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Saw cutting and forming pedestals on the containment slab under SGS Train 2. Grading for Slab area North of Deluge 2. Unit 1 – Working Demin area foundations, SGS Train 1 slab, cable tray foundations. Common Area – Clean-up around miscellaneous pipe supports.

230 Kv Line and Switchyard (K016):

- ♦ Terminating cable to Control Building in Switchyard. Transmission Line continued cable pull along the access road. Installing fence around Switchyard & GSU Transformer. Installing down guys and anchors on power poles. EPC will be working crews Saturday.

Solar Field Header/Common Area Piping (K021):

- ♦ Filling lines in Unit 2 Block 3 for Hydro Test. Installing interconnects in Unit 2 Block 5 and on North/South Header. Welding pipe in Unit 2 Block 10. Common Area- Installing pipe and structural steel.

Site Safety Topic Of The Week:
"Safety is Common Sense"

Weather

Partly Cloudy	Temp- High 95	Winds-Southwest at 5 mph
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Power Block 2 setting pipe



Saw Cutting for Containment Slab

Power Block Piping and Mechanical(K022):

- ♦ Working interconnects on Train 1. Forming and grouting pump foundations. Installing pipe on Pipe Racks 22, 23, 24, 17 and Gland Steam. Unit 1- installing sole plates on STG.

Solar Field Above Ground Electrical (K029):

- ♦ Setting instruments and terminations in Ring 10. LOC installation in Ring 9. Rough in Substation 2C.

Power Block Above Ground Electrical(K030):

- ♦ Cable tray installation on Pipe Rack 22. Installing Seismic support in electrical Building to cable pit. Pull U/G 15kv cable feeders PDC-2B and 2C, lighting and control ACC, terminations HTF pumps.

Fire Protection and Detection Systems (K032):

- ♦ Nothing to report.

Insulation and Heat Tracing (K036):

- ♦ Mobilizing and receiving equipment/materials.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Street 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers & transporting from fab yard to set Monday.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 1. Erecting pylons Unit 1 Blocks 2 and 3. Setting SCE's in Unit 1 Block 1. Leveling SCE's in Unit 2 Block 8.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Welding HCE tubes in Unit 2 Block 5 & 6.

Siemens:

- ♦ Continue work on Unit 1 Main Transformer.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Crown(K009)	2
Sukut (K010)	20
Largo (K013)	0
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	20
BPC (K021)	67
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	73
Fe Moran (K032)	0
Petrochem (K036)	8
SPX (K057)	83
Newtron (K073)	20
BPC (K100)	77
BPC (K102)	94
Siemens	5
Total Personnel Onsite	937



Genesis Solar Energy Project

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

March 18, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Unit 1 Deaerator Heater Tank

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 – Clean up around sleepers/pipe supports.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1.

Power Block Foundations (K015):

- ♦ Unit 2 – Fine grading North Train 2 SGS Slab. Layout for ACC stair and ladder pads. Excavating PDC 2C Stair supports. Continued working on SGS 2 pedestals and bolts install. Unit 1 – Working Demin area foundations. Backfilling cable tray foundations. Working on service station transformer pad, Carbon filter, and Deluge 2. Common Area – Clean-up and started on panel supports by the bridge.

230 Kv Line and Switchyard (K016):

- ♦ Terminating cable in Switchyard Control Building. Transmission Line stringing hard cable on structures 21 to 45. Installing conductor jumpers on structures 18 and 19. Installing fence around Switchyard.

Solar Field Header/Common Area Piping (K021):

- ♦ Hydro tested Unit 2 Block 3 Header Pipe. Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Common Area- Installing pipe, equipment and structural steel.

Site Safety Topic Of The Week:
"Signaling Operators"

Weather		
Clear	Temp- High 86	Winds-Southwest at 9 mph



Power Block 2



Power Block 2- Installing STG Enclosure

Power Block Piping and Mechanical(K022):

- ♦ Installing HTF Overflow Deluge steel and STG Enclosure panels. Fit and weld pipe to HTF Vessels. Working pipe in Pipe Racks 22, 25 and 26. Grouting pump foundations. Night shift work continues.

Solar Field Above Ground Electrical (K029):

- ♦ Setting instruments and terminations in Ring 10. LOC and instrument installation in Ring 9. Setting gear in Substation 2C and terminating Substation 2B. Installing cable tray on North South Pipe way.

Power Block Above Ground Electrical(K030):

- ♦ Installing Electrical Building seismic tray supports and cable tray. Cable tray installation in Pipe Racks 22 and 23. Pulling lighting and control cable to ACC, 15kv feeder from Aux Tran to Iso- phase. Repairs ongoing in PDC-2A. 8 man night crew to begin work tonight.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler lines around Expansion Tank.

Insulation and Heat Tracing (K036):

- ♦ Mobilizing and receiving equipment/materials. Fit testing insulation in Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Streets 3 and 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building. Continue conduit install and grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 2. Erecting pylons Unit 2 Blocks 2 and 3. Setting SCE's in Unit 1 Block 1. Leveling SCE's in Unit 2 Block 8.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 4, 5 and 7. Installing interconnects in Unit 2 Block 10.

Siemens:

- ♦ Completed work on Unit 1 Main Transformer. Continue support work on PDC 2A.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	10
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	20
BPC (K021)	99
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	81
Fe Moran (K032)	6
Petrochem (K036)	10
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	98
Siemens	3
Total Personnel Onsite	1,012



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

March 19, 2013

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 – Clean up around sleepers/pipe supports.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Installing rebar in North Train 2 SGS Slab. Layout for ACC stair and ladder pads. Excavating PDC 2C Stair supports. Poured Deluge 2 pipe supports. Unit 1 – Working Demin area foundations. Backfilling cable tray and carbon filter foundations. Poured PDC 1A HVAC Pads, Deluge 2 and final cable tray pedestal. Common Area – Working bridge panel supports.

230 Kv Line and Switchyard (K016):

- ♦ Terminating cable in Switchyard Control Building. Installing fence around Switchyard. Pulling conductor along access road.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Installing Unit 1 Cable Tray Supports on North South Pipe way. Common Area- Installing pipe, equipment and structural steel.

Power Block Piping and Mechanical(K022):

- ♦ Installing HTF Overflow Deluge steel, STG Enclosure panels and miscellaneous electrical supports. Working pipe in all Pipe Racks. Working Train 1 interconnects. Grouting HTF pump foundations. Setting Unit 1 Substation platforms 1D and 1B. Shaking out Unit 1 Gland Steam and Feed Water Steel. Night shift work continues.

Site Safety Topic Of The Week:
"Signaling Operators"

Weather		
Clear	Temp- High 88	Winds-Southeast at 5 mph



Power Block 2 Expansion Tank



Power Block 2 Piping

Solar Field Above Ground Electrical (K029):

- ♦ Terminating in Ring 10. LOC and instrument installation in Ring 9. Setting gear in Substation 2C and terminating Substation 2B. Installing cable tray on North South Pipe way.

Power Block Above Ground Electrical(K030):

- ♦ Pulling 15kv feeders and 480v power cable. Installing cable tray, conduit and supports. Pulling conductor, lighting and control at the ACC. Continue grounding equipment.

Fire Protection and Detection Systems (K032):

- ♦ Installing pipe stands around Expansion Tank. Installing main sprinkler lines to the Overflow Vessels. Installing header and valves in Deluge Enclosure No. 2.

Insulation and Heat Tracing (K036):

- ♦ Mobilizing and receiving equipment/materials. Fit testing insulation in Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Streets 3 and 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building. Continue conduit install and grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3. Setting SCE's in Unit 1 Block 1. Leveling SCE's in Unit 2 Block 8.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 4, 5 and 7. Installing interconnects in Unit 2 Block 10.

Siemens:

- ♦ Continue support work on PDC 2A.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	10
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	20
BPC (K021)	99
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	81
Fe Moran (K032)	6
Petrochem (K036)	10
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	98
Siemens	3
Total Personnel Onsite	1,012



Safety:

- ♦ EPC reported a first aid from a Wasatch employee's report of pain in his right arm after lifting a cable traveler. The employee requested a physician confirmation and was diagnosed with soft tissue damage. The employee returned to work without further incident.
- ♦ PMI reported an employee with a particle that could not be washed from his eye. Onsite was called to render 1st aid. The particle was not lodged and was easily removed. The employee returned to work.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Unit 2 Nitrogen Vaporizer.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 – Clean-up around sleepers/pipe supports and forming pedestals on Bridge 3.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Installing rebar and forms in East Slab, Working on electrical supports. Unit 1 – Working Demin area foundations. Poured Demin exchanger and ammonia skid. Working Carbon filter and poured Service station transformer slab. Prepping SGS Train 1 containment slab for a pour tomorrow. Common Area - Working on panel supports by the bridge.

230 Kv Line and Switchyard (K016):

- ♦ Terminating cable in Switchyard Control Building. Installing fence and gravel at Switchyard. Pulling conductor along access road.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Installing Unit 1 Cable Tray Supports on North South Pipe way. Common Area- Installing pipe, equipment and structural steel.

Site Safety Topic Of The Week:
"Signaling Operators"

Weather		
Cloudy	Temp- High 87	Winds-East at 5 mph



Common Area Piping and Cable Tray



Rebar at North Train 2 SGS slab

Power Block Piping and Mechanical(K022):

- ♦ Installing HTF Overflow Deluge steel. Welding out Expansion and Overflow Vessel Piping. Working pipe in all Pipe Racks. Working Train 1 interconnects. Grouting HTF pump foundations. Setting Unit 1 Substation platform 1A. Shaking out Unit 1 Gland Steam and Feed Water Steel. Bushing Unit 1 PDC foundations. Night shift work continues.

Solar Field Above Ground Electrical (K029):

- ♦ Terminating in Ring 10. LOC and instrument installation in Ring 9. Terminating Substation 2B. Installing cable tray on North South Pipe way.

Power Block Above Ground Electrical(K030):

- ♦ Pulling 15kv feeders from PDC 2A to 2D. Installing conduit throughout Power Block 2. Grounding equipment and Pipe Racks.

Fire Protection and Detection Systems (K032):

- ♦ Installing pipe stands around Expansion Tank. Installing feed main to the Overflow Vessels. Installing header and valves in Deluge Enclosure No. 1 and 2.

Insulation and Heat Tracing (K036):

- ♦ Mobilizing and receiving equipment/materials. Fit testing insulation in Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Streets 3 and 4. Installing deck plate and motor bridges. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers and prepping to install on streets 1 and 2. Unit 2- Working punch list.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building. Continue conduit install and grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3. Setting SCE's in Unit 1 Block 1. Leveling SCE's in Unit 2 Block 8.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 4, 5 and 7. Installing interconnects in Unit 2 Block 10.

Siemens:

- ♦ Continue support work on PDC 2A.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	10
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	20
BPC (K021)	101
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	81
Fe Moran (K032)	6
Petrochem (K036)	12
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	98
Siemens	3
Total Personnel Onsite	1,016



Unit 2 COD: November 1st, 2013

Unit 1 COD: April 1st, 2014

Safety:

- ♦ No Accident or Injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Unit 1 Deaerator Storage Tank.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 – Clean up around sleepers/pipe supports. Forming pedestals on Bridge 3.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Installing rebar and forms on East Slab for pour tomorrow. Working on electrical supports and forming slab ramp on East side. Unit 1 – Working Demin area. Poured SGS Train 1 containment and backfilling Cable tray supports. Working Lube oil foundation. Common Area – Working bridge panel supports.

230 Kv Line and Switchyard (K016):

- ♦ Terminating cable in Switchyard Control Building. Installing fence and rock in Switchyard. Pulling conductor and fiber along access road.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Installing Unit 1 Cable Tray Supports on North South Pipe way. Common Area- Installing pipe, equipment and structural steel.

Power Block Piping and Mechanical(K022):

- ♦ Installing HTF Overflow Deluge steel and STG Enclosure panels. Working pipe in all Pipe Racks. Working Train 1 and 2 interconnects. Grouting HTF pump foundations. Setting Unit 1 Substation platforms 1A and 1B. Bushing Unit 1 Gland Steam and PDC foundations. Shaking out Unit 1 Gland Steam Steel. Night shift work continues.

Site Safety Topic Of The Week:
"Signaling Operators"

Weather		
Clear	Temp- High 88	Winds-Northwest at 8 mph



Solar Field 2 Block 6- Insulation Fit Test



Power Block 1

Solar Field Above Ground Electrical (K029):

- ♦ Terminating in Ring 10. LOC and instrument installation in Ring 8 and 9. Terminating Substation 2B. Installing cable tray on North South Pipe way.

Power Block Above Ground Electrical(K030):

- ♦ Pulling 15kv feeders and 480v power cable. Installing cable tray, conduit and supports. Pulling conductor, lighting and control at the ACC. Continue grounding equipment.

Fire Protection and Detection Systems (K032):

- ♦ Installing pipe stands around Expansion Tank. Installing main sprinkler lines to the Overflow Vessels. Installing header and valves in Deluge Enclosure No. 2.

Insulation and Heat Tracing (K036):

- ♦ Receiving equipment and material. Fit testing insulation in Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Streets 3 and 4. Working lower Turbine Exhaust Duct. Erecting Steel on Streets 1 and 2. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building. Continue conduit install and grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3. Setting SCE's in Unit 1 Block 1. Leveling SCE's in Unit 1 Block 5.

HCE Tube Installation (K102):

- ♦ Testing in Unit 2 Block 4. Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 4, 5 and 7. Installing interconnects in Unit 2 Block 10.

Siemens:

- ♦ Continue support work on PDC 2A.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	10
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	24
BPC (K021)	101
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	81
Fe Moran (K032)	6
Petrochem (K036)	12
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	98
Siemens	4
Total Personnel Onsite	1,021



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

March 22, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ No Activity.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2. Completing security fence grounding.

Power Block Foundations (K015):

- ♦ Unit 2 – Poured the last containment slab. Working electrical supports and poured slab ramp on East side. Unit 1 – Working Demin area. Fine grading SGS Train 2 containment. Forming Deluge 2 pipe supports. Working Lube oil foundation.

230 Kv Line and Switchyard (K016):

- ♦ Terminating and mounting battery rack in Switchyard Control Building. Pulling and clipping conductor along access road. Rope and hard line install over 12 Kv distribution line to preparation for conductor pull tomorrow. Grounding switchyard fence.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Installing Unit 1 Cable Tray Supports on North South Pipe way. Common Area- Installing pipe, equipment and structural steel.

Power Block Piping and Mechanical(K022):

- ♦ Welding out Expansion and Overflow Vessel Piping. Working pipe in all Pipe Racks. Working Train 1 and 2 interconnects. Grouting HTF pump foundations. Detailing Unit 1 Substation platforms 1A and 1B. Shaking out Ullage Steel for install tomorrow. Shaking out Unit 1 Gland Steam and Feed Water Steel. Bushing Unit 1 PDC foundations. Setting Unit 1 STG sole plates.

Site Safety Topic Of The Week:
"Signaling Operators"

Weather		
Clear	Temp- High 87	Winds-Northwest at 13 mph



Power Block 2 Expansion Vessel Piping



Power Block 1 ACC

Solar Field Above Ground Electrical (K029):

- ♦ Terminating in Ring 5 and 10. Working all aspects in Rings 8 and 9. Terminating Substation 2B. Installing conduit in Substation 2A. Installing cable tray on North South Pipe way.

Power Block Above Ground Electrical(K030):

- ♦ Pulling 15kv feeders from PDC 2A to 2D. Installing conduit throughout Power Block 2. Grounding equipment and Pipe Racks.

Fire Protection and Detection Systems (K032):

- ♦ No Activity.

Insulation and Heat Tracing (K036):

- ♦ Mobilizing and receiving equipment/materials. Fit testing insulation in Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Streets 3 and 4. Installing deck plate and motor bridges on Streets 1 and 2. Working lower Turbine Exhaust Duct. Prebuilding Turbine Exhaust Duct Risers.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building. Continue conduit install and grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3. Setting SCE's in Unit 1 Block 1. Leveling SCA's in Unit 1 Block 5. Crews will continue to level SCA's tomorrow.

HCE Tube Installation (K102):

- ♦ Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 4, 5 and 7. Installing interconnects in Unit 2 Block 10.

Siemens:

- ♦ Continue support work on PDC 2A.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	15
Guardsmark (K005)	5
PSI (K007)	5
Sukut (K010)	13
Largo (K013)	0
Newtron (K014)	8
Largo (K015)	86
EPC (K016)	29
BPC (K021)	45
PMI (K022)	233
Newtron (K029)	21
Newtron (K030)	56
Fe Moran (K032)	0
Petrochem (K036)	12
SPX (K057)	101
Newtron (K073)	16
BPC (K100)	83
BPC (K102)	98
Siemens	3
Total Personnel Onsite	909



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

March 25, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 – Poured Bridge 3 pedestals and working last electrical supports.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2. Completing security fence grounding.

Power Block Foundations (K015):

- ♦ Unit 2 – Working on PDC 2C pads, electrical supports and East side slab ramp. Unit 1 – Working Demin area, grading and excavating thickened areas for SGS Train 2 containment. Pouring Deluge 2 pipe supports and HTF Freeze pump pipe supports. Working in Lube oil foundation. Common Area – Excavated PDC 0A Stair supports and electrical supports in Solar Field 2.

230 Kv Line and Switchyard (K016):

- ♦ Terminating in Switchyard Control Building. Clipping conductor along access road. Grounding switchyard fence.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Common Area- Installing pipe, equipment and structural steel.

Power Block Piping and Mechanical(K022):

- ♦ Welding out Expansion and Overflow Vessel Piping. Working pipe in all Pipe Racks. Installing STG enclosure panels. Working Train 1 and 2 interconnects. Grouting HTF pump foundations. Installing Ullage Steel. Bushing Unit 1 PDC foundations. Setting Unit 1 STG sole plates. Night crew work continues tonight.

Site Safety Topic Of The Week:

"Accidents are Avoidable"

Weather		
Clear	Temp- High 84	Winds-Southeast at 8 mph



Power Block 2 Ullage Steel



Common Area

Solar Field Above Ground Electrical (K029):

- ♦ Terminating in Ring 10. Working all aspects in Rings 8 and 9. Terminating Substation 2B. Installing conduit in Substation 2A. Installing cable tray on North South Pipe way.

Power Block Above Ground Electrical(K030):

- ♦ Working conduit, tray, terminations, cables pulls and setting equipment throughout Power Block 2. Night crew work continues tonight.

Fire Protection and Detection Systems (K032):

- ♦ Installing sprinkler mains around Overflow Vessels and installing valves in Deluge Enclosure 2. Electrical contractor mobilized.

Insulation and Heat Tracing (K036):

- ♦ Receiving material and prepping Solar Field 2 Blocks 1 and 6 for insulation.

Air Cooled Condenser (K057):

- ♦ Unit 1- Welding Tube Bundles, Air Takeoff and Steam Duct Manifolds on Streets 3 and 4. Installing deck plate and motor bridges on Streets 1 and 2. Working lower Turbine Exhaust Duct. Prebuilding Turbine Exhaust Duct Risers. Unit 2- Working punch list.

Common Area Electrical and Instrumentation (K073):

- ♦ Cable tray installation on Pipe Rack and in Admin building. Continue conduit install and grounding equipment.

Pylon, SCE Assembly and Installation(K100):

- ♦ Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3. Setting SCE's in Unit 1 Block 5. Leveling SCA's in Unit 1 Block 5.

HCE Tube Installation (K102):

- ♦ Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 7 and 10. Installing interconnects in Unit 2 Block 10. Testing in Unit 2 Block 5. Rotational checks in Unit 2 Block 2.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	12
Newtron (K014)	8
Largo (K015)	86
EPC (K016)	29
BPC (K021)	101
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	81
Fe Moran (K032)	8
Petrochem (K036)	16
SPX (K057)	101
Newtron (K073)	16
BPC (K100)	83
BPC (K102)	98
Siemens	1
Total Personnel Onsite	1,018



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

March 26, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ PDC 1C
- ♦ Unit 2-Nitrogen Vaporizers

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 - Installing rebar in last two electrical supports, civil clean-up around pipe supports.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2. Completing security fence grounding.

Power Block Foundations (K015):

- ♦ Unit 2 – Working electrical supports and PDC stair supports.
- ♦ Unit 1 – Working Demin area and sample panel. Installing rebar for SGS Train 2 containment. Installed rebar for Lube Oil foundation.

230 Kv Line and Switchyard (K016):

- ♦ Terminating Switchyard Control Building. Setting meter panels and protective relays. Pulling conductor and hard line.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Common Area- Installing pipe and equipment.

Power Block Piping and Mechanical(K022):

- ♦ Unit 2- Welding out Expansion and Overflow Vessel Piping. Working pipe in all Pipe Racks. Working Train 1 and 2 interconnects. Grouting HTF pump foundations. Installing Ullage steel and STG panels. Unit 1- Set PDC 1A.

Site Safety Topic Of The Week:

"Accidents are Avoidable"

Weather		
Clear	Temp- High 90	Winds-Southwest at 10 mph



Power Block 2 Train 2



Power Block 2 Train 1

Solar Field Above Ground Electrical (K029):

- ♦ Terminating Substation 2B and Ring 10. Installing raceway and conduit in Substation 2A. Rough in conduit at Substation 2C. Working all aspects in Rings 8 and 9.

Power Block Above Ground Electrical(K030):

- ♦ Continued installing lightning, cable tray, grounding, conduit and pulling 15Kv Feeders from PDC 2A to Solar Field.

Fire Protection and Detection Systems (K032):

- ♦ Working Overflow Piping and in Deluge Enclosures 1 and 2.

Insulation and Heat Tracing (K036):

- ♦ Receiving materials and staging out insulation in Unit 2 Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Setting fan bell housing on Street 2. Installing wind wall sheeting. Prebuilding motors and gear boxes. Installing Air Takeoff system and Collection Condensate Manifolds on Street 3, and Steam Dust Manifolds on Street 4. Unit 2- Walk down.

Common Area Electrical and Instrumentation (K073):

- ♦ Pulling conductor to Admin Building. Installing cable tray on Pipe Rack and in Water Treatment Building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Setting SCE's in Unit 1 Block 5. Leveling SCA's in Unit 1 Block 5. Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 10. Installing interconnects in Unit 2 Block 10. Rotational test in Unit 2 Block 3. Testing in Unit 2 Block 5.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	12
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	29
BPC (K021)	101
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	83
Fe Moran (K032)	8
Petrochem (K036)	16
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	87
Siemens	1
Total Personnel Onsite	1,015



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

March 27, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Unit 1- Condensate Pumps

General Services (K010):

- ♦ Establishing subgrade in Power Block 1.

Solar Field Foundations (K013):

- ♦ Unit 1 - Pouring final two electrical supports.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Working on PDC 2C pads, electrical supports, and East side slab ramp. Unit 1 – Working Demin area, grading and excavating Pipe Rack 22 West containment slab. Installing rebar for SGS Train 2 containment slab, pouring Lube oil and sample panel foundation. Common Area – Installing rebar in PDC 0A platform supports and pouring electrical supports in Solar Field 2.

230 Kv Line and Switchyard (K016):

- ♦ Terminating Switchyard Control Building. Setting meter panels and protective relays. Pulling conductor and hard line.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Common Area- Installing pipe and equipment.

Power Block Piping and Mechanical(K022):

- ♦ Unit 2- Welding out Expansion and Overflow Vessel Piping. Working pipe in all Pipe Racks. Working Train 1 and 2 interconnects. Grouting HTF pump foundations. Installing Ullage steel and STG panels. Unit 1- Detailing PDC 1A.

Site Safety Topic Of The Week:
"Accidents are Avoidable"

Weather		
Clear	Temp- High 87	Winds-Southwest at 15 mph



Power Block 2 HTF Overflow Vessels



Power Block 2 Pipe Rack 22 West

Solar Field Above Ground Electrical (K029):

- ♦ Terminating Substation 2B and Ring 10. Installing raceway and conduit in Substation 2A. Rough in conduit at Substation 2C. Working all aspects in Rings 8 and 9.

Power Block Above Ground Electrical(K030):

- ♦ Continued installing lightning, cable tray, grounding, conduit and pulling 15Kv Feeders from PDC 2A to Solar Field.

Fire Protection and Detection Systems (K032):

- ♦ Working HTF Overflow Piping and in Deluge Enclosures 1 and 2.

Insulation and Heat Tracing (K036):

- ♦ Receiving materials and staging out insulation in Unit 2 Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Setting fan bell housing on Street 2. Installing wind wall sheeting. Prebuilding motors and gear boxes. Installing Air Takeoff system and Collection Condensate Manifolds on Street 3, and Steam Dust Manifolds on Street 4. Unit 2- Walk down.

Common Area Electrical and Instrumentation (K073):

- ♦ Pulling conductor to Admin Building. Installing cable tray on Pipe Rack and in Water Treatment Building.

Pylon, SCE Assembly and Installation(K100):

- ♦ Setting SCE's in Unit 1 Block 1. Leveling SCA's in Unit 1 Block 5. Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 7 and 10. Installing interconnects in Unit 2 Block 10. Rotational test in Unit 2 Block 4. Testing in Unit 2 Block 5.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	12
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	29
BPC (K021)	101
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	83
Fe Moran (K032)	8
Petrochem (K036)	16
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	87
Siemens	1
Total Personnel Onsite	1,015



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

March 28, 2013

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

General Services (K010):

- ♦ Establishing subgrade in Power Block 2.

Solar Field Foundations (K013):

- ♦ Unit 1 – Complete.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 2 – Working on PDC 2C pads, electrical supports, and East side slab ramp. Unit 1 – Working Demin area, grading Pipe rack 22 West containment slab, installing rebar for SGS Train 2 containment slab and forming Lube oil ramps & stairs. Poured mat for Lube oil MES foundations, placed deluge 3, pipe supports, ISO phase, PDC 1C HVAC Pads, and Demin pump foundations. Common Area – Poured PDC 0A platform supports and poured last 2 Electrical Junction Box supports in Solar Field 2.

230 Kv Line and Switchyard (K016):

- ♦ Installing fence grounding and laying rock at Switchyard. Clipping and pulling conductor.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header. Common Area- Installing pipe and equipment.

Power Block Piping and Mechanical(K022):

- ♦ Unit 2- Welding out Expansion and Overflow Vessel Piping. Working pipe in all Pipe Racks. Working Train 1 and 2 interconnects. Grouting HTF pump foundations. Installing Ullage steel and STG panels. Walking down piping systems. Unit 1- Began installing Gland Steam steel.

Site Safety Topic Of The Week:

"Accidents are Avoidable"

Weather		
Clear	Temp- High 87	Winds-South at 6 mph



Power Block 1



Power Block 1- Gland Steam Steel Install

Solar Field Above Ground Electrical (K029):

- ♦ Terminating Substation 2B and Ring 10. Installing raceway and conduit in Substation 2A. Pulling cable on North/South Pipe way. Working all aspects in Rings 8 and 9.

Power Block Above Ground Electrical(K030):

- ♦ Continued installing lightning, cable tray, grounding, conduit and pulling 15Kv Feeders from PDC 2A to Solar Field.

Fire Protection and Detection Systems (K032):

- ♦ Working HTF Overflow Piping and in Deluge Enclosures 1 and 2.

Insulation and Heat Tracing (K036):

- ♦ Receiving materials and staging out insulation in Unit 2 Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Setting fan bell housing on Street 2. Installing North wind wall sheeting. Prebuilding motors and gear boxes. Installing Air Takeoff system and Collection Condensate Manifolds on Street 3 and Steam Duct Manifolds on Street 4.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing cable tray on Pipe Rack and in Water Treatment Building. Pulling cable and installing conduit.

Pylon, SCE Assembly and Installation(K100):

- ♦ Setting SCE's in Unit 1 Block 1. Leveling SCA's in Unit 1 Block 5. Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 2 Blocks 2 and 3.

HCE Tube Installation (K102):

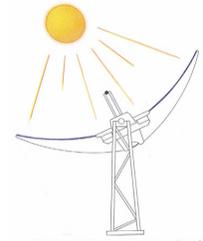
- ♦ Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 7 and 10. Installing interconnects in Unit 2 Block 10. Testing in Unit 2 Block 5.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	12
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	29
BPC (K021)	101
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	83
Fe Moran (K032)	8
Petrochem (K036)	16
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	87
Siemens	1
Total Personnel Onsite	1,015



Genesis Solar, LLC.
Blythe, California
Daily Report

March 29, 2013



Genesis Solar Energy Project

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

Safety:

- ♦ No accident or injury.

Compliance:

- ♦ No issues to report.

Equipment Deliveries:

- ♦ Nothing to report.

General Services (K010):

- ♦ Establishing subgrade in Power Block 2.

Solar Field Foundations (K013):

- ♦ Unit 1 – Complete.

Solar Field Underground Electrical (K014):

- ♦ Installing and repairing ground grid in Power Block 1 and 2.

Power Block Foundations (K015):

- ♦ Unit 1 – Working Demin area, Poured trench bottom for Pipe rack 22 West containment slab, Pouring Lube oil ramps, stairs, and support pedestals.

230 Kv Line and Switchyard (K016):

- ♦ Installing fence grounding and laying rock at Switchyard. Control House Terminations.

Solar Field Header/Common Area Piping (K021):

- ♦ Installing interconnects and welding out pipe in Unit 2 Blocks 5, 10 and North/South Header.

Power Block Piping and Mechanical(K022):

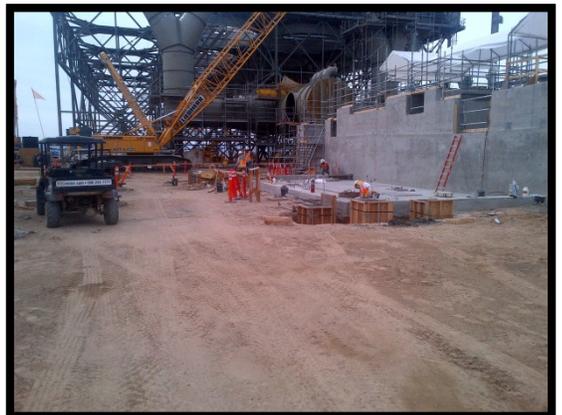
- ♦ Unit 2- Welding out Expansion and Overflow Vessel Piping. Working pipe in all Pipe Racks. Working Train 1 and 2 interconnects. Installing Ullage steel and STG panels. Walking down piping systems. Unit 1- Installing Gland Steam steel.

Site Safety Topic Of The Week:
"Accidents are Avoidable"

Weather		
Mostly Sunny	Temp- High 88	Winds-South at 6 mph



Power Block 1 – Gland Steam



Power Block 1 - Lube Oil

Solar Field Above Ground Electrical (K029):

- ♦ Terminating Substation 2B, connecting temporary generators for all the UPS systems. Installing raceway and conduit in Substation 2A. Pulling cable on North/South Pipe way. Working all aspects in Rings 8 and 9. Fiber terminations Ring 10

Power Block Above Ground Electrical(K030):

- ♦ Continued installing cable tray, grounding, conduit and pulling 15Kv Feeders from PDC 2A to Solar Field. Low voltage cable pulls in Demin area, Hi pot ISO Phase.

Fire Protection and Detection Systems (K032):

- ♦ Working HTF Overflow Piping and in Deluge Enclosures 1 and 2.

Insulation and Heat Tracing (K036):

- ♦ Receiving materials and staging out insulation in Unit 2 Blocks 1 and 6.

Air Cooled Condenser (K057):

- ♦ Unit 1- Setting fan bell housing on Street 2. Installing North wind wall sheeting. Prebuilding motors and gear boxes. Installing Air Takeoff system and Collection Condensate Manifolds on Street 3 and Steam Duct Manifolds on Street 4.

Common Area Electrical and Instrumentation (K073):

- ♦ Installing cable tray on Pipe Rack and in Water Treatment Building. Pulling cable and installing conduit.

Pylon, SCE Assembly and Installation(K100):

- ♦ Setting SCE's in Unit 1 Block 1. Leveling SCA's in Unit 1 Block 5. Aligning pylons in Solar Field 1 Block 3. Erecting pylons Unit 1 Blocks 2 and 3.

HCE Tube Installation (K102):

- ♦ Installing HCE tubes in Unit 2 Block 10. Welding HCE tubes in Unit 2 Blocks 7 and 10. Installing interconnects in Unit 2 Block 9 & 10. Testing in Unit 2 Block 5. X-Ray in Unit 2 Block 2/7.

Personnel Onsite	Total
Genesis Management	43
Genesis Operations	37
Compliance Monitors	8
Guardsmark (K005)	5
PSI (K007)	6
Sukut (K010)	13
Largo (K013)	0
Newtron (K014)	10
Largo (K015)	86
EPC (K016)	29
BPC (K021)	101
PMI (K022)	233
Newtron (K029)	33
Newtron (K030)	83
Fe Moran (K032)	8
Petrochem (K036)	16
SPX (K057)	101
Newtron (K073)	20
BPC (K100)	83
BPC (K102)	87
Siemens	1
Total Personnel Onsite	1,003

ENCROACHMENT PERMIT

TR-0120 (REV. 6/2012)

Permit No. 08-13-6-SV-0204	
Dist/Co/Rte/PM 08-RIV-10 PM 135.05	
Date 03/25/2013	
Fee Paid \$	Deposit \$ 492
Performance Bond Amount (1) \$ 0.00	Payment Bond Amount (2) \$ 0.00
Bond Company	
Bond Number (1)	Bond Number (2)

In compliance with:

- Your application of _____ March 21, 2013 _____
 Utility Notice No. _____ of _____
 Agreement No. _____ of _____
 R/W Contract No. _____ of _____

TO: NextEra Energy Resources
700 Universe Boulevard
Juno Beach, FL 33408
Attn: Matthew McCord 561-801-1746

, PERMITTEE

and subject to the following, PERMISSION IS HEREBY GRANTED to:

Enter onto Interstate 10 (I-10) right of way at Wiley's Well Rest Area, near Blythe within Riverside County, to collect quarterly water samples from existing well for quality and quantity evaluation, required for the Genesis Solar Center as per application date stamped March 21, 2013 by the Department of Transportation (Caltrans), District 8 Encroachment Permits Office and/or as directed by the Caltrans Representative.

Under this encroachment permit only Worley Parson Group personnel are authorized to enter onto Caltrans right-of-way to perform water testing and sampling. Permittee is required to obtain a new monitoring permit upon the expiration of this permit. This permit does not authorize the removal/ replacement/ modification of any Caltrans' existing monument or landscape irrigation system within the State's right-of-way.

A pre-job meeting with the assigned Caltrans Representative, Martin Morris, (909) 383-4207, is required at least 7 days prior to start of any work under this permit! Failure to do so may result in permit revocation with no prejudice.

THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER.The following attachments are also included as part of this permit (*Check applicable*):

- Yes No General Provisions
 Yes No Utility Maintenance Provisions
 Yes No Storm Water Special Provisions
 Yes No Special Provisions
 Yes No A Cal-OSHA permit, if required: Permit No. _____
 Yes No As-Built Plans Submittal Route Slip for Locally Advertised Projects
 Yes No Storm Water Pollution Prevention Plan / Water Pollution Control Plan

In addition to fee, the permittee will be billed actual costs for:

- Yes No Review
 Yes No Inspection
 Yes No Field Work

(if any Caltrans effort expended)

- Yes No The information in the environmental documentation has been reviewed and considered prior to approval of this permit.

This permit is void unless the work is completed before March 25, 2014

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized.

No project work shall be commenced until all the other necessary permits and the environmental clearances have been obtained.

PERMIT ENGINEER: Arfan Haidary
RELATED PERMIT(S): 09-0898
COPIES TO:
Maintenance: Blythe
Inspector: Martin Morris
File
Michael Santangelo, WorleyParsons, 2330 E. Bidwell Street, Suite 150, Folsom, CA
95630

APPROVED:

BY:

Basem Muallem, District Director


RICHARD GOH, P.E., District Permit Engineer

- All survey operations shall be conducted off the traveled way except where necessary to cross pavements and medians.
- When survey operations are being conducted, the permittee shall furnish, place and maintain signs and safety equipment in accordance with the latest edition of the "Manual of Traffic Controls for Construction and Maintenance Work Zones".
- All personnel shall wear hard hats and orange vests, shirts or jackets as appropriate. Any painted markings shall be made with water soluble paint.
- Permission is also granted to park survey vehicles temporarily within the right of way, outside the shoulders, while survey work is in progress.
- SURVEY WORK IS PROHIBITED ON FREEWAYS OR EXPRESSWAY.
- Freeway or expressway survey data or information may be obtained upon request to: Survey Section, Department of Transportation, 464 West 4th Street, MS 1066, 10th Floor, San Bernardino, California 92401.

TRAFFIC COUNTERS (SV) SPECIAL PROVISIONS

- Personnel installing or removing traffic counters shall wear an orange colored outer garment and a hard hat.
- Traffic counters installed on freeway ramps shall be located at the curb return as near as possible to the local street intersection.
- Counter tubes shall be securely attached to the pavement by taping. No nails, spikes or other material shall be driven into the pavement except to secure the tube at the outside edge of shoulder, at the lip of a gutter, or in the center line stripe.
- A copy of the collected data shall be sent to the Department's District Permit Engineer.

MONITORING WELL SPECIAL PROVISIONS:

- The monitoring well locations must be surveyed and marked by the Global Positioning System(GPS). All analytical data collected from these wells, drilling logs, and the established GPS information, must be provided to the Department at no cost. The reports must be submitted to Permit Office at 464 W. 4th Street, MS 619, San Bernardino, CA 92408-1400 with this permit number: 08-13-6-SV-0204 clearly labeled on all correspondence.
- The top of the protective well box with locking mechanism shall be one foot below the surface of the surrounding terrain and covered with soil or gravel. The lid shall be secured at all times when monitoring or testing operations are not being conducted.
- The top of the protective well box with locking mechanism shall be secured at all times when monitoring or testing operations are not being conducted.
- All drilling fluids must be contained, transported and disposed of outside the State right-of-way in accordance to the Federal and State environmental regulations and local ordinances.
- All monitoring wells shall be abandoned in accordance to the Federal and State environmental regulations and local ordinances at the end of the monitoring period at the Permittee own expense.

In addition to the attached General Provisions, the following checked special provisions are applicable:

A PRE-JOB MEETING WITH THE ASSIGNED CALTRANS REPRESENTATIVE, Martin Morris, (909) 383-4207 AT LEAST 7 DAYS IS REQUIRED PRIOR TO START OF ANY WORK UNDER THIS PERMIT. FAILURE TO DO SO WILL RESULT IN PERMIT CANCELLATION AND RESUBMITTAL MAY BE REQUIRED.

Notwithstanding General Provision #4, your contractor is required to apply for and obtain an encroachment permit prior to starting work. A fee/deposit of \$ for inspection, and \$ for electrical equipment is required at the time of application.

You are required to submit an approved Storm Water Pollution Prevention Plan (SWPPP) for projects with a cumulative disturbed soil area equal or greater than 1 acre, and an approved Water Pollution Control Program (WPCP) for projects with a disturbed soil area less than 1 acre, unless otherwise required by other agencies (RWQCBs, U.S. Army Corps of Engineers, Department of Fish and Game, etc.).

Upon the expiration of this permit, the Permittee is required to apply for the countywide annual maintenance permit for this new facilities installed under the Permit No.: .

The Permittee is required to apply for a separate permit to maintain and/or replace in kind of these facilities on each occurrence upon the expiration of this permit.

The Permittee shall provide the stage construction traffic handling plans, work schedule and a list of all sub-contractors to the Department's Representative at the time of the pre-construction meeting or prior to start construction.

All traffic control, signing and striping shall comply with California MUTCD 2012. It is available at: http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/ca_mutcd.htm

Contractor shall comply with Department Standard Specifications, Department Standard Plans, Revised Standard Plans and the project special provisions. The latest Revised Standard Plans are available at: <http://www.dot.ca.gov/hq/esc/oe/standards.php>

All personnel shall wear hard hats and orange or lime vests, shirts or jackets as appropriate while on State property.

The Permittee's work shall be subordinated to any operations which the Department may conduct and shall not delay, nor interfere with the Department's Forces or Department's Contractors.

Attention is directed to Standard Specifications Section 7-1.11, Preservation of Property, and Business and Professions Code, Section 8771. The Permittee shall physically inspect the work site and locate survey monuments prior to work commencement. Monuments shall be referenced or reset in accordance with the Business and Professions Code.

No lane may be closed or obstructed at any time unless specifically allowed per the encroachment permit, shown in approved traffic control plans, and/or as directed by the Department's Representative.

Except for installing, maintaining and removing traffic control devices, any work encroaching within 3 feet of the edge of a travel lane for areas with a posted speed limit below 45mph, or 6 feet of the edge of a travel lane, for areas with a speed limit posted at 45mph or higher, shall require closing of that travel lane. Any work encroaching within 6 feet of the edge of the shoulder, shall require closing of that shoulder. Permittee shall notify the Department's Representative, and obtain approval of, all traffic control, lane closures or detours, at least seven (7) WORKING DAYS prior to setting up of any traffic control.

Traffic control is generally authorized between 9:00 AM and 3:00 PM only on Monday through Thursday and until 1:00 PM on Fridays, excluding holidays except specified in the Permit. Lane closure is not allowed on Saturdays, Sundays and designated holidays. The designated holidays are: January 1st, the third Monday in January, the second and third Mondays in February, March 31, the last Monday in May, July 4th, the first Monday in September, the second Monday in October, November 11th, Thanksgiving Day, the day after Thanksgiving Day, and December 25th. When a fixed holiday falls on Saturday, the preceding Friday shall be designated as holiday.

Should any deviation from these procedures or conditions be observed, all work shall be suspended until satisfactory steps have been taken to ensure compliance.

If time extension is necessary, a request for time extension and the accompanying attachments must be made a minimum of two (2) weeks prior to completion date stated on face of permit. If work has not been started before completion date, the permit will be voided. Failure to comply with rules and regulations stated on permit will jeopardize future permit privileges.

"AS-BUILT" PLANS ARE REQUIRED UPON COMPLETION OF ALL WORK. PLEASE REFER TO THE GENERAL PROVISION TR-0045, ITEM 22 FOR THE "AS-BUILT" REQUIREMENTS. NO FINAL INSPECTION WILL BE PERFORMED UNTIL THE DEPARTMENT IS IN RECEIPT OF "AS-BUILT" PLANS.

No vehicle or equipment shall be stored overnight within the right of way; it shall be removed immediately at the completion of the day's work. Refueling of vehicle or equipment within the right of way is strictly prohibited.

Required traffic control devices shall be installed around fixed objects to warn the motoring public for safety. Personal vehicles of the contractor shall not be parked within freeway right of way.

No materials or waste shall be stockpiled within State right of way.

Except as specifically provided herein, all requirements of the Vehicle Code and other applicable laws must be complied with in all particulars.

When traffic cones or delineators are used to delineate a temporary edge of traffic lane, the line of cones or delineators shall be considered to be the edge of the traffic lane. The permittee shall not reduce the width of the existing lane to less than 10 feet without written approval from the Department's Representative.

Excavations made within the limits of the right of way shall be backfilled and resurfaced to original condition before leaving the work area unless otherwise authorized by the Department's Representative.

Permittee shall be responsible for arranging the services of a qualified traffic control contractor to provide any needed traffic control.

The permittee shall arrange a meeting between his field representative, traffic control contractor, Department's Representative and/or CHP at least two (2) weeks prior to start of any work covered under this permit to arrange date and time of starting work and determine appropriate methods of handling traffic. At least 3 working days notice shall be given to the Caltrans representative and/or the CHP, prior to the meeting to allow time to arrange for attendance.

A copy of this permit, complete with all attachments, shall be kept by permittee/contractor working under this permit and must be shown to the Department Permit Inspector, Department's Representatives, or Law Enforcement Officer, on demand.

The permittee shall be responsible for notifying the appropriate utility companies or underground service alert prior to any excavation work.

The permittee shall notify the California Highway Patrol Area Commander at least 72 hours prior to implementing traffic control.

When the work area encroaches upon a sidewalk, walkway, or crosswalk area, special consideration must be given to pedestrian safety. Protective barricades, fencing, handrails and bridges, together with warning and guidance devices and signs must be utilized so that the passageway for pedestrians, especially blind and other physically handicapped, is safe and well defined and shown on the approved permit plan.

Pedestrian walkways and canopies within State Right of Way shall comply with the requirements of the applicable local agency or of the latest edition of the Uniform Building Code whichever contains the higher standards.

[For City or County projects with utility relocations:]

If existing public or private utilities conflict with the construction PROJECT, PERMITTEE will make necessary arrangements with the owners of such utilities for their protection, relocation, or removal. PERMITTEE shall inspect the protection, relocation, or removal of such facilities. Total costs of such protection, relocation, or removal which STATE or PERMITTEE must legally pay, will be borne by PERMITTEE. If any protection, relocation, or removal of utilities is required, including determination of liability for cost, such work shall be performed in accordance with STATE policy and procedure. PERMITTEE shall require any utility company performing relocation work in the STATE's right-of-way to obtain a State Encroachment Permit before the performance of said relocation work. Any relocated utilities shall be correctly located and identified on the as-built plans.

[For other projects with utility relocations:]

If existing public or private utilities conflict with the construction PROJECT, PERMITTEE will make necessary arrangements with the owners of such utilities for their protection, relocation, or removal. PERMITTEE shall inspect the protection, relocation, or removal of such facilities. Total costs of such protection, relocation, or removal shall be borne by PERMITTEE in compliance with the terms of the Highway Encroachment Permits, Case Law, Public Utility Regulations, and Property Rights. PERMITTEE shall require any utility company performing relocation work in the STATE's right-of-way to obtain a State Encroachment Permit before the performance of said relocation work. Any relocated utilities shall be correctly located and identified on the as-built plans.

PERMIT NO.: 08-13-6-SV-0204

CO/RTE/PM: 08/RIV/10/135.05

PRECONSTRUCTION MEETING AGREEMENT

I, _____, acting as an authorized agent for the permittee, _____, do hereby agree to personally accomplish or have another designated person arrange for all involved company representatives to attend a pre-construction meeting with the authorized Department's Representative at _____, as specified on this permit. Such meeting must be held two (2) days or more prior to the planned start of the work on this project. The Authorized Department's Representative shall have complete authority to determine whether the permit conditions, either implied or written, have been complied with. The Department's Representative may then allow the permit work to proceed as appropriate. The Pre-construction Meeting Record below must be signed by both the Department's Representative and the permittee before the permit work may start.

I have read and understand the attached General Provisions TR-0045 and other attached provisions of this permit.

This agreement or a copy thereof, must be mailed back to the **Department's District 8 Encroachment Permit Office at 464 W. 4th. Street, MS 619, San Bernardino, CA 92401-1400**, within three (3) working days prior to the pre-construction meeting. Failure to return this form could delay the release of your bonds. A copy of this document shall be at the job site at all times when work is in progress and failure to do so may result in the suspension of work, as directed by the Department's Representative.

It is the permittee's responsibility to insure that the Department's Representative is notified of work completion and that the attached Completion Notice is mailed to the Department's Permit office.

Signature Date

Print or Type Name

Position or Title

52564

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

TRANSPORTATION PERMIT

TR-0015 (REV. 02/2009)

IN COMPLIANCE WITH YOUR REQUEST AND SUBJECT TO ALL THE TERMS, CONDITIONS AND RESTRICTIONS WRITTEN BELOW AND IN THE ACCOMPANIMENTS, PERMISSION IS HEREBY GRANTED TO:

PERMIT VALID: FROM: 2-24-13 TO: 3-2-13

PERMIT NUMBER

128765 CT 11-15

MOVEMENT AUTHORIZED: PERMIT VALID FOR 7 CONSECUTIVE DAYS. SEE 24/7 TRAVEL CONDITIONS FOR AUTHORIZED TIMES OF MOVEMENT. NO NIGHT TRAVEL

THIS PERMIT IS NOT VALID WITHOUT THE FOLLOWING ACCOMPANIMENTS:

- Checkboxes for Permit Conditions 04/2007, 24/7 Travel Conditions, Calif Vehicle Inspection Report, SC MH, MH Certifications, Pilot Car Special Conditions, Curfew Maps, SC Holiday Conditions, Structures Review.

NAME: BARNHART CRANE AND RIGGING. ADDRESS: 6765 N. PARAMOUNT BLVD. CITY/STATE/ZIP: LONG BEACH CA 90805

OFFICE PHONE NUMBER (Including Area Code): (877) 661-4923. OFFICE FAX NUMBER (Including Area Code): (562) 661-4910

DESCRIPTION OF THE LOAD OR EQUIPMENT AND MODEL NO.: HP OVERFLOW VESSEL. HAUL DRIVE TOW

DIMENSIONS OF LOAD: 118' L x 18' W x 15'4 H @ 320000 LBS. VAR# 21465

DESCRIPTION OF HAULING EQUIPMENT: 3 AX TRAC / 12 AX DUAL LANE / 3 AX PUSH TRUCK

Table with columns for vehicle width, semi-trailer length, kingpin to last axle, comb vehicle length, axle numbers, number of tires per axle, distance between axles, width of axles at tire sidewall, and maximum allowable weight.

NOT TO EXCEED THE LOADED DIMENSIONS SHOWN BELOW OR AXLE WEIGHTS SHOWN ABOVE. LOADED HEIGHT: 19'3. LOADED WIDTH: 20'3. LOADED OVERALL LENGTH: 199' MAX. LOADED OVERHANG: 10' MAX. WEIGHT CLASS: DLBP18

ORIGIN: NV / CA LINE US 6. DESTINATION: BLYTHE

AUTHORIZED STATE HIGHWAYS - CITY AND/OR COUNTY PERMITS MAY BE REQUIRED WHENEVER THE * IS SHOWN IN THE STATE ROUTE. SEE RIDER FOR ROUTE/RESTRICTIONS.

PILOT CAR: YES. TWO ENTIRE ROUTE

CASH CHARGE, CREDIT CARD OR EXEMPT INFORMATION: 7186. APPLICANT SIGNATURE: Nathan Morris. DATE: 12/15/12. CREDIT CARD EX DATE: 07/13. FEE: \$466.00. NUMBER OF TRIPS: 1. AUTHORIZED STATE AGENT: D. BROWN. DATE: 2-22-13

REQUESTED ROUTE: (Include Address of Origin and Delivery Site). *** SEE ROUTE SURVEY ***. ** NEED 3 APPROVALS **

CONTACT PERSON (PRINT): NATHAN MORRIS

TRANSPORTATION PERMIT RIDER

TR-0017 (NEW 5/2000)

TO BE ATTACHED TO AND MADE A PART OF TRANSPORTATION PERMIT NUMBER:

128765

EFFECTIVE: **2-24-13** STATE USE ONLY

EXPIRES SUNSET: **3-2-13**

PERMITTEE:

BARNHART CRANE AND RIGGING

PERMIT NUMBER:

ADDRESS:

6765 N. PARAMOUNT BLVD. LONG BEACH CA 90805

PHONE #:

877-661-4923

FAX #:

562-661-4910

PAGE **2** OF **4**

AUTHORIZED AGENT:

NATHAN MORRIS

DATE:

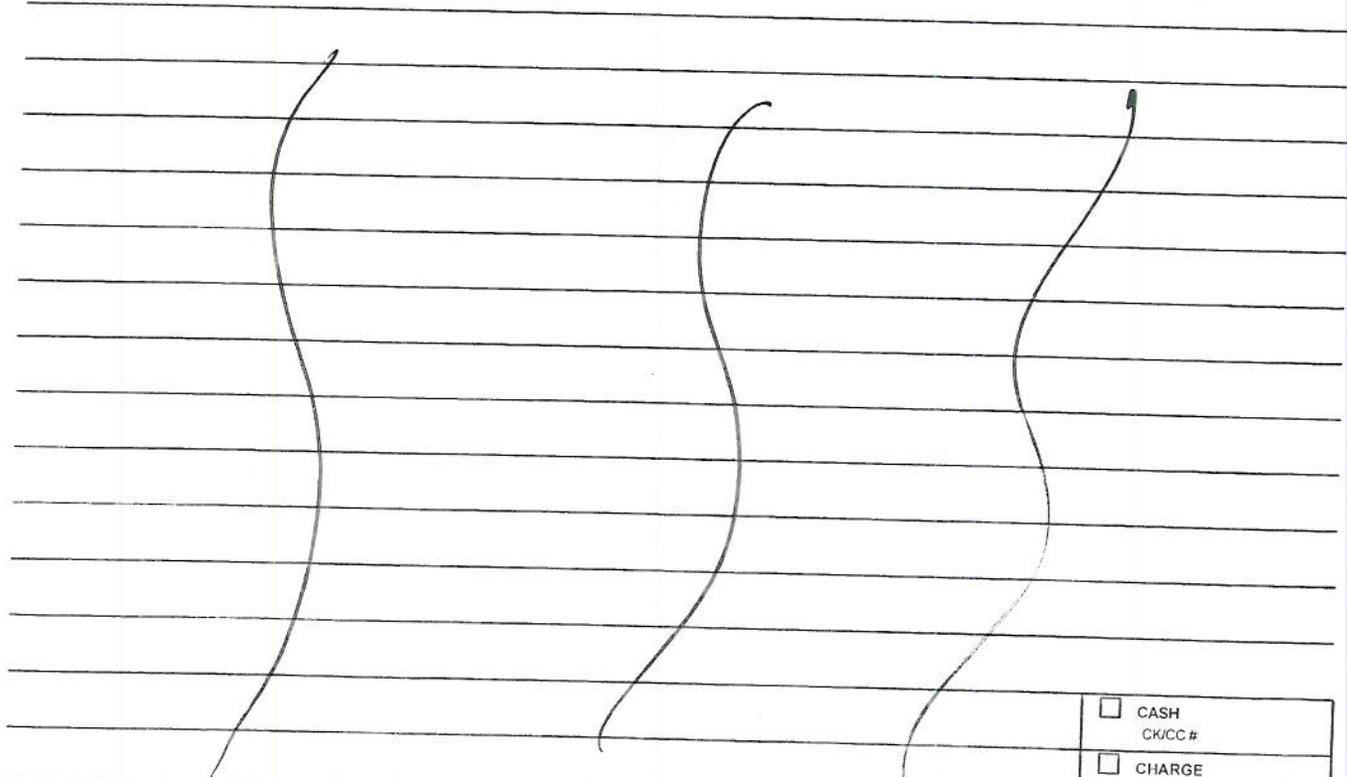
2-22-13

AUTHORIZED STATE AGENT

D. BROWN

STATE USE ONLY

AXLE NUMBER	9	10	11	12	13	14	15
NUMBER OF TIRES PER AXLE	8	8	8	8	8	8	8
DISTANCE BETWEEN AXLES	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"
WIDTH OF AXLES AT TIRE SIDEWALL	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"
MAXIMUM ALLOWABLE WEIGHT	80000		80000		80000		



- CASH
CK/CC #
- CHARGE
DB #
- EXEMPT
- NO CHARGE

FEE: **\$ See Pg 1**

THIS RIDER DOES NOT NULLIFY NOR MAKE VOID ANY CITATION ISSUED TO THE ORIGINAL PERMIT. EXCEPT AS AMENDED ABOVE ALL OTHER ITEMS AND PROVISIONS OF THE ORIGINAL PERMIT SHALL REMAIN IN EFFECT. THIS RIDER MUST BE ATTACHED TO THE ORIGINAL PERMIT.

TRANSPORTATION PERMIT RIDER

TR-0017 (NEW 5/2000)

TO BE ATTACHED TO AND MADE A PART OF TRANSPORTATION PERMIT NUMBER:

128765

EFFECTIVE: **2-24-13** STATE USE ONLY

EXPIRES SUNSET: **3-2-13**

PERMITTEE:

BARNHART CRANE AND RIGGING

PERMIT NUMBER:

ADDRESS:

6765 N. PARAMOUNT BLVD. LONG BEACH CA 90805

PHONE #:

877-661-4923

FAX #:

562-661-4910

PAGE **3** OF **4**

AUTHORIZED AGENT:

NATHAN MORRIS

DATE:

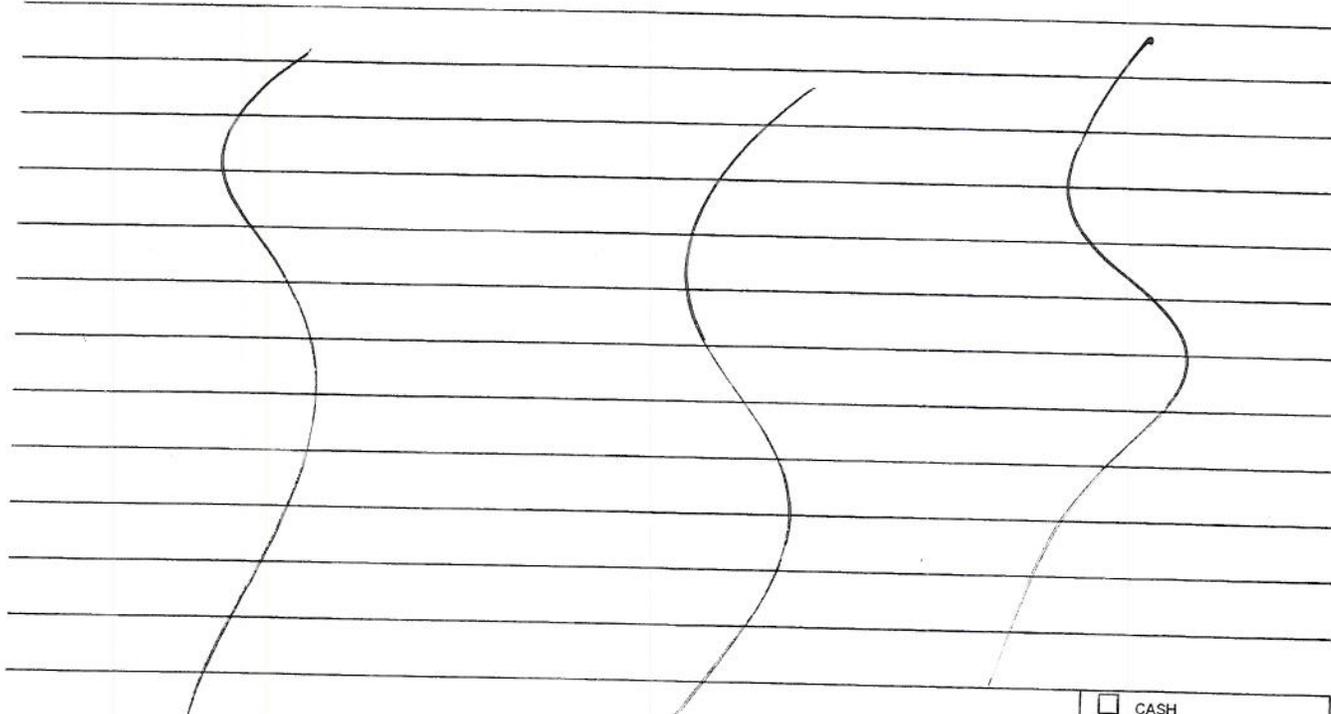
2-22-13

AUTHORIZED STATE AGENT

D. BROWN

STATE USE ONLY

AXLE NUMBER	15	16	17	18	13	14	15
NUMBER OF TIRES PER AXLE	8	2	4	4			
DISTANCE BETWEEN AXLES		20' MIN	14' MIN	4' 4 MIN			
WIDTH OF AXLES AT TIRE SIDEWALL	20' 1	8' 6	8' 6	8' 6			
MAXIMUM ALLOWABLE WEIGHT	20000		46550				



<input type="checkbox"/> CASH CK/CC #
<input type="checkbox"/> CHARGE DB #
<input type="checkbox"/> EXEMPT
<input type="checkbox"/> NO CHARGE
FEE: \$ See Pg 2

THIS RIDER DOES NOT NULLIFY NOR MAKE VOID ANY CITATION ISSUED TO THE ORIGINAL PERMIT. EXCEPT AS AMENDED ABOVE ALL OTHER ITEMS AND PROVISIONS OF THE ORIGINAL PERMIT SHALL REMAIN IN EFFECT. THIS RIDER MUST BE ATTACHED TO THE ORIGINAL PERMIT.

ADA Notice
 For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

TO BE ATTACHED TO AND MADE A PART OF TRANSPORTATION PERMIT NUMBER: <div style="font-size: 2em; font-weight: bold; text-align: center;">128765</div>	STATE USE ONLY EFFECTIVE: 2-24-13 EXPIRES: 3-2-13
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PERMITTEE: BARNHARTCRANE & RIGGING		PERMIT NUMBER
ADDRESS: 6275 N. PARAMOUNT BLVD LONG BEACH, CA 90805		PAGE <u>4</u> OF <u>4</u>
PHONE #: 877-661-4923	FAX #: 562-661-4910	
AUTHORIZED AGENT: NATHAN MORRIS	DATE: 2-22-13	AUTHORIZED STATE AGENT: DAN BROWN

STATE USE ONLY:

* From NV LINE 6 - 6W - 395S - 14S - 178E - 395S - 58E - to WEST MAIN ST exit (WEST MAIN ST S/B OFF RAMP) *LENWOOD RD O/C OVER 15*From LENWOOD RD W/B ON RAMP (PERMITEE WILL CROSS OVER DOUBLE YELLOW LINE TO TAKE W/B ON RAMP TO CLEAR STRUCTURE #54-1202 P.M. 68.770 (LENWOOD RD OC)) - 15N - 247S - to RECHE RD exit *From YUCCA MESA RD - 62E - 177S - 10W - to RED CLOUD RD exit (RED CLOUD RD S/B OFF RAMP) *RED CLOUD RD U/C UNDER 10*From RED CLOUD RD S/B ON RAMP - 10E - to CORN SPRINGS RD exit (CORN SPRINGS RD S/B OFF RAMP)- DETOUR VIA RAMPS - From CORN SPRINGS RD N/B ON RAMP - 10E - to FORD DRY LAKE RD exit (FORD DRY LAKE RD S/B OFF RAMP) – DETOUR VIA RAMPS - From FORD DRY LAKE RD N/B ON RAMP - 10E - to WILEYS WELL RD exit (WILEYS WELL RD N/B OFF RAMP) *

PERMIT VOID WITHOUT CHP ESCORT ENTIRE ROUTE

<input type="checkbox"/>	CASH CK/CC #
<input type="checkbox"/>	CHARGE DB #
<input type="checkbox"/>	EXEMPT
<input type="checkbox"/>	NO CHARGE
FEE: \$ SEE PG. 1	

Memorandum

*Flex your power!
Be energy efficient!*

To: DAN BROWN
TRANSPORTATION PERMITS MS 36

Date: February 20, 2013

From: RICHARD LE

Subject: Variance Review for **Barnhart Crane & Rigging Var#21465-66-67 revised**

Per your request, we have reviewed **Barnhart Crane & Rigging's** 613,100-lb. (GCVW), 20.1- ft. wide, 18-axle, 107.6-ft long, variance load (HP overflow vessel) and transport combination over the proposed routes (from NV/CA Line US 6 to Blythe).

The vehicle will be allowed to travel without any restrictions.

This variance review memo is an approval for 1 move.

COUNTY OF RIVERSIDE

DEPARTMENT OF TRANSPORTATION - PERMIT DIVISION

(This permit is NULL and VOID without permit conditions attached)

In compliance with your request and subject to all of the terms, conditions and restrictions written below and the attachments, permission is hereby granted to:

PERMIT VALID SUNRISE 01-08-12 and 01-10-12 sunset	D01-13-0021 Permit Number <i>[Signature]</i> Authorized Dept. Representative
MOVING AUTHORIZED	
Saturday till noon	YES
Sunday	NO
Sunset to sunrise	NO

TRANSPORTER

NAME: BENNETT MOTOR EXPRESS
ADDR: 100 INDUSTRIAL PKWY
CITY: MCDONOUGH, GA 30253
PHONE: () - EXT:

<input checked="" type="checkbox"/>	HAUL DRIVE TOW	LOAD OR EQUIPMENT AND MODEL NO. CONTROL BUILDING
-------------------------------------	----------------------	---

TYPE VEHICLE: 3 AX TRAC - 3 AX TRLR

KING PIN TO LAST AXLE: 65'0"

COMB VEH LENGTH: 97'0"

LOADED DIMENSIONS DIFFERENT THAN OR WEIGHTS EXCEEDING THOSE SHOWN ARE NOT AUTHORIZED

MAX. HEIGHT: 15'11"

MAX. WIDTH: 15'11"

MAX.O/LENGTH: 97'0"

MAX.OVERHANG: LEGAL

AXLE NO.	1	2	3	4	5	6	7	8	9
# TIRES	2	4	4	4	4	4			
AXLE SPACING	/// ///	19'11"	4'6"	59'4"	4'6"	4'6"			/// ///
AXLE WIDTH	8'0"	8'0"	8'0"	8'6"	8'6"	8'6"			
WEIGHT	20,000	46,725		59,168					

ORIGIN: I-10 & WILEYS WELL ROAD

DEST: 11995 WILEYS WELL ROAD

TRIPS:
1

ROUTE: ** (PERMIT ACCURACY IS RESPONSIBILITY OF DRIVER) **
COUNTY PORTIONS OF WILEYS WELL ROAD BETWEEN INTERSTATE 10 AND DESTINATION.

PERMITTEE ASSUMES RESPONSIBILITY FOR ALL OVERHEAD CLEARANCES

Permit accuracy is the responsibility of driver

PILOT CAR: YES NO

CASH	<input checked="" type="checkbox"/>	CHARGE	EXEMPT
FEE: 15.00			

ATTACHMENTS:

- PERMIT CONDITIONS

Bill to: QUALITY PERMITS, 1806 ORANGE TREE LANE, SUITE D, REDLANDS CALIFORNIA 92

TRANSPORTATION PERMIT

STARS v5.0 (8/2005)

780

THIS PERMIT SHALL BE CARRIED IN THE VEHICLE AT ALL TIMES AND IS VALID ONLY WHEN IT INCLUDES ALL THE REQUIRED ACCOMPANIMENTS.

PERMIT VALID: FROM: 01/07/2013 TO: 01/13/2013		PERMIT NUMBER: 588636
MOVEMENT AUTHORIZED: PERMIT VALID FOR SEVEN CONSECUTIVE DAYS SEE 24/7 TRAVEL CONDITIONS FOR AUTHORIZED TIMES OF MOVEMENT <input type="checkbox"/> No Night Travel		REQUIRED ACCOMPANIMENTS: <input checked="" type="checkbox"/> PERMIT CONDITIONS 2007 <input checked="" type="checkbox"/> 24/7 SPECIAL CONDITIONS <input checked="" type="checkbox"/> PILOT CAR SPECIAL CONDITIONS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CUSTOMER NO: - BENNETT		NUMBER OF TRIPS: 1
NAME: BENNETT MOTOR EXPRESS INC.		
ADDRESS: 100 INDUSTRILA PKWY		
CITY / STATE / ZIP: MCDONOUGH, GA 30253		
OFFICE PHONE NUMBE (Include Area Co) (800) 866-5500 x		
FAX PHONE NUMBER: (include Area Code) (800) 328-7043		
DESCRIPTION OF LOAD OR EQUIPMENT AND MODEL NO.: <input checked="" type="checkbox"/> HAUL <input type="checkbox"/> DRIVE <input type="checkbox"/> TOW CONTROL BUILDING		
DIMENSIONS OF LOAD: 14'4"H X 15'11"W X 45'L		
DESCRIPTION OF HAULING EQUIPMENT: 3 AX TRAC - 3 AX TRLR		

VEHICLE WIDTH: 8' 06"	KINGPIN TO REAR AXLE LENGTH: 69' 00"	SEMI-TRAILER LENGTH: 73' 00"	COMB. VEHICLE LENGTH: 97' 00"
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KINGPIN TO REAR AXLE LENGTH DOES NOT APPLY TO 48' TRAILERS ON THE CA NATIONAL NETWORK AND TERMINAL ACCESS ROUTES

AXLE NUMBER	1	2	3	4	5	6	7	8	9	10	11
NUMBER OF TIRES / AXLE	2	4	4	4	4	4					
DISTANCE BETWEEN AXLE	19' 11"	4' 06"	59' 04"	4' 06"	4' 06"						
AXLE WIDTH AT TIRE SIDEWALL	8' 00"	8' 00"	8' 00"	8' 06"	8' 06"	8' 06"					
MAX ALLOW-ABLE WEIGHT	20,000	46,725	60,000								

NOT TO EXCEED THE DIMENSIONS SHOWN BELOW OR AXLE WEIGHTS SHOWN ABOVE

BP5

MAXIMUM HEIGHT: 15' 11"	MAXIMUM WIDTH: 15' 11"	MAXIMUM OVERALL LENGTH: 97' 00"	MAXIMUM OVERHANG: "
----------------------------	---------------------------	------------------------------------	------------------------

ORIGIN: ARIZONA LINE	DESTINATION: BLYTHE
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AUTHORIZED HIGHWAYS (Other government agency permits may be required whenever the * is shown in the route.) R.C. DATE: 1/4/2013
 * - from AZ LINE 10 - 010W - to WILEYS WELL RD exit (WILEYS WELL RD N/B OFF RAMP)- *

PILOT CAR: YES NO
 Two (2) Pilot Car Required On All Routes.

AUTHORIZED STATE AGENT: D. Dias	REGION:	DATE ISSUED: 01/05/2013	FEE: 16
PERMIT SERVICE NAME: QUALITY PERMITS SERVICE	PERMIT SERVICE CONTACT: Benny Escobar	PERMIT SERVICE CONTACT PHONE: (909) 748-7715 x	

THIS PERMIT IS VALID ONLY WHEN IT INCLUDES ALL REQUIRED ACCOMPANIMENTS

Permit accuracy is the responsibility of driver

STATE OF CALIFORNIA · DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PERMIT
 TR-0015 (REV. 02/2009)

IN COMPLIANCE WITH YOUR REQUEST AND SUBJECT TO ALL THE TERMS, CONDITIONS AND RESTRICTIONS WRITTEN BELOW AND IN THE ACCOMPANIMENTS, PERMISSION IS HEREBY GRANTED TO:

APPROVED # 130206
 PERMIT NUMBER

Engineering Dept.
 City of Barstow

THIS PERMIT IS NOT VALID WITHOUT THE FOLLOWING ACCOMPANIMENTS:

- Permit Conditions 04/2007
- 24/7 Travel Conditions
- Calif Vehicle Inspection Report
- SC MH Mlt Certifications
- Pilot Car Special Conditions
- Curfew Mass (LA, SAC, SD, SF)
- SC Holiday Conditions
- Structures Review
-
-

PERMIT VALID:
 FROM: 2/20/13
 TO: 3/4/13
 MOVEMENT AUTHORIZED:
 PERMIT VALID FOR 7 CONSECUTIVE DAYS
 SEE 24/7 TRAVEL CONDITIONS FOR AUTHORIZED TIMES OF MOVEMENT.
 NO NIGHT TRAVEL

NAME
BARNHART CRANE AND RIGGING
 ADDRESS
6765 N. PARAMOUNT BLVD.
 CITY/STATE/ZIP
LONG BEACH CA 90805
 OFFICE PHONE NUMBER (Including Area Code)
(877) 661-4923
 OFFICE FAX NUMBER (Including Area Code)
(562) 661-4910

DESCRIPTION OF THE LOAD OR EQUIPMENT AND MODEL NO. HAUL DRIVE TOW
 HP OVERFLOW VESSEL

DIMENSIONS OF LOAD
118' L x 18' W x 15'4" H @ 32000 LBS
 DESCRIPTION OF HAULING EQUIPMENT:
3 AX TRAC / 12 AX DUAL LANE / 3 AX PUSH TRUCK

VEHICLE WIDTH: 20'1"	SEMI-TRAILER LENGTH: N/A	KINGPIN TO LAST AXLE: N/A	COMB VEHICLE LENGTH: 199' MAX						
AXLE NUMBER	1	2	3	4	5	6	7	8	9
NUMBER OF TIRES PER AXLE	2	4	4	8	8	8	8	8	8
DISTANCE BETWEEN AXLES	14' MIN		4'4" MIN	14' MIN	9'1"	9'1"	9'1"	9'1"	9'1"
WIDTH OF AXLES AT TIRE SIDEWALL	8'6"	8'6"	8'6"	20'1"	20'1"	20'1"	20'1"	20'1"	20'1"
MAXIMUM ALLOWABLE WEIGHT	20000	46550	80000			80000		80000	

NOT TO EXCEED THE LOADED DIMENSIONS SHOWN BELOW OR AXLE WEIGHTS SHOWN ABOVE

LOADED HEIGHT: <u>19'3"</u>	LOADED WIDTH: <u>20'3"</u>	LOADED OVERALL LENGTH: 199' MAX	LOADED OVERHANG: 10' MAX	WEIGHT CLASS:
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NV / CA LINE US 6
 DESTINATION: BLYTHE

AUTHORIZED STATE HIGHWAYS, CITY AND/OR COUNTY PERMITS MAY BE REQUIRED WHENEVER THE 'IS SHOWN IN THE STATE ROUTE.

For office use only

HWYS 8 TO WEST MAIN ST.
WEST MAIN ST. WEST TO LENWOOD Rd
LENWOOD Rd. SOUTH TO I-15

*LOAD(S) EXCEED LANE WIDTHS - ROUTE SURVEY REQUIRED.

PILOT CAR YES NO TWO ENTIRE ROUTE

CASH CHARGE, CREDIT CARD OR EXEMPT INFORMATION

CREDIT CARD EX DATE	FEES	NUMBER OF TRIPS	APPLICANT SIGNATURE	DATE
	\$	<u>1</u>	<u>[Signature]</u>	<u>12/15/12</u>
REQUESTED ROUTE: (Include Address of Origin and Delivery Site)			AUTHORIZED AGENT	DATE
			<u>[Signature]</u>	<u>02/14/2013</u>

CONTACT PERSON (PRINT)
NATHAN MORRIS

CITY OF BARSTOW - EXTRA AXLES CONT.
 TRANSPORTATION PERMIT RIDER

TO BE ATTACHED TO AND MADE A PART OF TRANSPORTATION PERMIT NUMBER: 13 & 2 & 6		EFFECTIVE: 2-24-13 STATE USE ONLY
		EXPIRES SUNSET: 3-2-13
PERMITTEE: BARNHART CRANE AND RIGGING		PERMIT NUMBER:
ADDRESS: 6765 N. PARAMOUNT BLVD. LONG BEACH CA 90805		PAGE <u>2</u> OF <u>4</u>
PHONE #: 877-661-4923	FAX #: 562-661-4910	
AUTHORIZED AGENT: NATHAN MORRIS		DATE: 2-22-13
		AUTHORIZED STATE AGENT: D. BROWN

STATE USE ONLY

AXLE NUMBER	9	10	11	12	13	14	15
NUMBER OF TIRES PER AXLE	8	8	8	8	8	8	8
DISTANCE BETWEEN AXLES	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"
WIDTH OF AXLES AT TIRE SIDEWALL	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"
MAXIMUM ALLOWABLE WEIGHT	80000		80000		80000		

<input type="checkbox"/> CASH CK/CC #
<input type="checkbox"/> CHARGE DB #
<input type="checkbox"/> EXEMPT
<input type="checkbox"/> NO CHARGE
FEE: \$See Pg 2

THIS RIDER DOES NOT NULLIFY NOR MAKE VOID ANY CITATION ISSUED TO THE ORIGINAL PERMIT. EXCEPT AS AMENDED ABOVE ALL OTHER ITEMS AND PROVISIONS OF THE ORIGINAL PERMIT SHALL REMAIN IN EFFECT. THIS RIDER MUST BE ATTACHED TO THE ORIGINAL PERMIT.

CITY OF BARSTOW (CONT)
 TRANSPORTATION PERMIT RIDER

TO BE ATTACHED TO AND MADE A PART OF TRANSPORTATION PERMIT NUMBER: 130206		EFFECTIVE: 2-24-13 STATE USE ONLY
		EXPIRES SUNSET: 3-2-13
PERMITTEE: BARNHART CRANE AND RIGGING		PERMIT NUMBER:
ADDRESS: 6765 N. PARAMOUNT BLVD. LONG BEACH CA 90805		PAGE <u>3</u> OF <u>4</u>
PHONE # 877-661-4923	FAX #: 562-661-4910	
AUTHORIZED AGENT: NATHAN MORRIS	DATE: 2-22-13	AUTHORIZED STATE AGENT D. BROWN

STATE USE ONLY

AXLE NUMBER	15	16	17	18	13	14	15
NUMBER OF TIRES PER AXLE	8	2	4	4			
DISTANCE BETWEEN AXLES		20' MIN	14' MIN	4' 4 MIN			
WIDTH OF AXLES AT TIRE SIDEWALL	20' 1	8' 6	8' 6	8' 6			
MAXIMUM ALLOWABLE WEIGHT	20000			46550			

<input type="checkbox"/> CASH CK/CC #
<input type="checkbox"/> CHARGE DB #
<input type="checkbox"/> EXEMPT
<input type="checkbox"/> NO CHARGE
FEE: \$ See Pg 2

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**County of San Bernardino
Department of Public Works
Transportation Operations Division**

825 East Third Street
San Bernardino, California 92415
(909) 387-8046

PERMIT WILL NOT BE VALID ON
STATE HIGHWAYS OR WITHIN
CITY LIMITS OF ANY
INCORPORATED CITY

BARNHART CRANE AND RIGGING

T13000425

PERMIT NUMBER

**6765 N. PARAMOUNT BLVD.
LONG BEACH, CA 90805**

Date Issued: **02/25/2013** Permit Expires: **02/28/2013** Permit Type: **SNGLTRP**

In accordance with your application dated 02/19/2013, and subject to all the terms, conditions, and restrictions written below or printed as general or special provisions conforming to the County Code (Sections 51.041 through 51.0418) and any County Resolutions pertinent thereto, PERMISSION IS HEREBY GRANTED to transport the following overweight, overlength, and extralegal equipment over the County Roads designated below.

PRIMARY OBJECT: HTF VESSEL

SECONDARY OBJECT:

HAUL(H) DRIVE(D)TOW(T): **[H]**

DRAWN BY: 3 AX TRAC / 3 AX PUSHER

MOUNTED ON: 12 LINE DUAL LANE TRAILER

TRIPS: 1

LICENSE NO: B2170HY

TOTAL GROSS WEIGHT: 612,000

LOADED DIMENSIONS DIFFERENT THAN OR WEIGHTS EXCEEDING THOSE SHOWN BELOW ARE NOT AUTHORIZED

MAX HEIGHT: 19' 3

MAX WIDTH: 20' 1

MAX LENGTH: 199' 0

AXLE NUMBERS	1	2	3	4	5	6	7	8	9	10	11
NUMBER TIRES	2	4	4	8	8	8	8	8	8	8	8
AXLE SPACING		14' 0"	4' 4"	14' 0"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"
AXLE WIDTH	8' 6"	8' 6"	8' 6"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"
WEIGHT	20,000		46,000		80,000		80,000		80,000		80,000
ORIGIN: RECHE RD. @ 247	DESTINATION: BLYTHE, CA										

AUTHORIZED ROADS:

FROM COUNTY PORTIONS OF- RECHE ROAD TO BORDER AVE TO GOLDEN ST TO SUNBURST AVE.

THIS MOVE IS ONLY AUTHORIZED IF ESCORTED ALONG THE ABOVE MENTIONED ROUTE BY CALIFORNIA HIGHWAY PATROL. IN THE EVENT THAT CALIFORNIA HIGHWAY PATROL IS UNAVAILABLE TO ESCORT, OTHER LOCAL LAW ENFORCEMENT AGENCIES MAY BE SUBSTITUTED. HOURS OF MOVE TO BE AT THE DISCRETION OF THE ESCORTING AGENCY.

PILOT CAR: Front Rear FRONT & REAR

RESTRICTIONS OVERSIZED LOAD SIGNS REQUIRED

1. This permit is not valid if your overall dimensions or axle weight exceed those shown on the face of permit, or on streets and bridges which have posted weight limits.
2. Permit subject to all provisions and sections of the Vehicle Code of the State of California.
3. Permit not valid on State Highways or within the city limits of any incorporated city.
4. Permit not valid for movement of overweight loads across State Freeway Structures.
5. The County of San Bernardino follows Green Route guidelines, restrictions, requirements, and standards as outlined by CAL-TRANS for all oversized moves made on the County Roads.

FEES:
EXEMPT N
CHARGE N
CASH Y

RECEIPT NO:
TRIP: \$60.00
ANNUAL: \$0.00
TOTAL FEES: \$60.00

Muhammad Alk
Permit Engineer
Road Permit Section

SAN BERNARDINO COUNTY
 TRANSPORTATION PERMIT RIDER

ADDITIONAL AXLES

TO BE ATTACHED TO AND MADE A PART OF TRANSPORTATION PERMIT NUMBER:

T13000425

EFFECTIVE: 2-24-13 STATE USE ONLY

EXPIRES SUNSET: 3-2-13

PERMITTEE:

BARNHART CRANE AND RIGGING

PERMIT NUMBER:

ADDRESS:

6765 N. PARAMOUNT BLVD. LONG BEACH CA 90805

PAGE 2 OF 4

PHONE #:

877-661-4923

FAX #:

562-661-4910

AUTHORIZED AGENT:

NATHAN MORRIS

DATE:

2-22-13

AUTHORIZED STATE AGENT

D. BROWN

STATE USE ONLY

AXLE NUMBER	9	10	11	12	13	14	15
NUMBER OF TIRES PER AXLE	8	8	8	8	8	8	8
DISTANCE BETWEEN AXLES		9' 1"	9' 1"	9' 1"	9' 1"	9' 1"	9' 1"
WIDTH OF AXLES AT TIRE SIDEWALL	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"	20' 1"
MAXIMUM ALLOWABLE WEIGHT	80000		80000		80000		

(Large handwritten scribbles covering the main body of the page)

<input type="checkbox"/>	CASH CK/CC #
<input type="checkbox"/>	CHARGE DG #
<input type="checkbox"/>	EXEMPT
<input type="checkbox"/>	NO CHARGE
FEE: <u>\$see pg 2</u>	

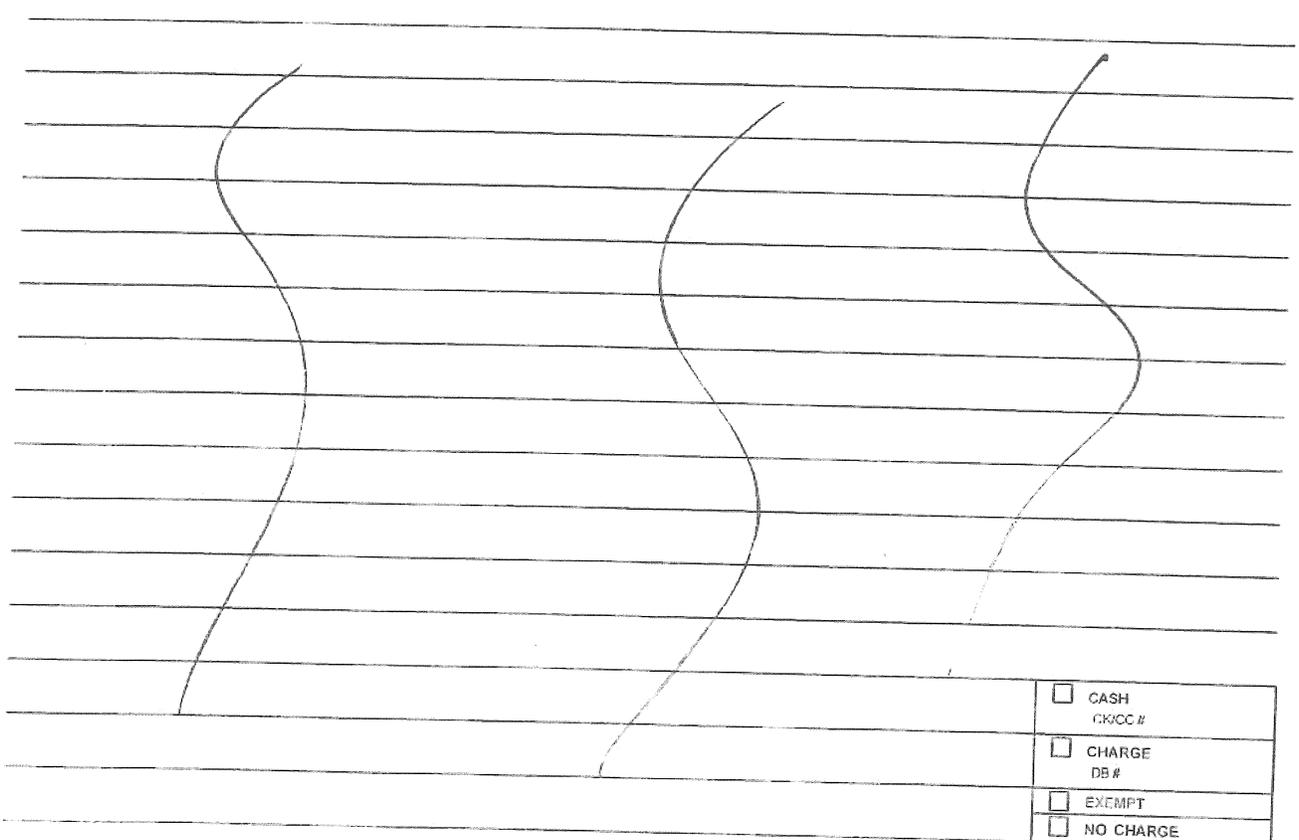
THIS RIDER DOES NOT NULLIFY NOR MAKE VOID ANY CITATION ISSUED TO THE ORIGINAL PERMIT. EXCEPT AS AMENDED ABOVE ALL OTHER ITEMS AND PROVISIONS OF THE ORIGINAL PERMIT SHALL REMAIN IN EFFECT. THIS RIDER MUST BE ATTACHED TO THE ORIGINAL PERMIT.

SAN BERNARDINO COUNTY
TRANSPORTATION PERMIT RIDER
AXLES CONT.

TO BE ATTACHED TO AND MADE A PART OF TRANSPORTATION PERMIT NUMBER: T 13000425		EFFECTIVE: 2-24-13 STATE USE ONLY
		EXPIRES SUNSET: 3-2-13
PERMITTEE: BARNHART CRANE AND RIGGING		PERMIT NUMBER:
ADDRESS: 6765 N. PARAMOUNT BLVD. LONG BEACH CA 90805		PAGE <u>3</u> OF <u>4</u>
PHONE #: 877-661-4923	FAX #: 562-661-4910	
AUTHORIZED AGENT: NATHAN MORRIS	DATE: 2-22-13	AUTHORIZED STATE AGENT: D. BROWN

STATE USE ONLY

AXLE NUMBER	15	16	17	18	13	14	15
NUMBER OF TIRES PER AXLE	8	2	4	4			
DISTANCE BETWEEN AXLES	20' MIN	14' MIN	4' 4 MIN				
WIDTH OF AXLES AT TIRE SIDEWALL	20' 1	8' 6	8' 6	8' 6			
MAXIMUM ALLOWABLE WEIGHT	20000		46550				



<input type="checkbox"/> CASH CK/CC #
<input type="checkbox"/> CHARGE DB #
<input type="checkbox"/> EXEMPT
<input type="checkbox"/> NO CHARGE
FEE: \$ See Pg 2

THIS RIDER DOES NOT NULLIFY NOR MAKE VOID ANY CITATION ISSUED TO THE ORIGINAL PERMIT. EXCEPT AS AMENDED ABOVE ALL OTHER ITEMS AND PROVISIONS OF THE ORIGINAL PERMIT SHALL REMAIN IN EFFECT. THIS RIDER MUST BE ATTACHED TO THE ORIGINAL PERMIT.

COUNTY OF RIVERSIDE
DEPARTMENT OF TRANSPORTATION - PERMIT DIVISION

(This permit is NULL and VOID without permit conditions attached)

In compliance with your request and subject to all of the terms, conditions and restrictions written below and the attachments, permission is hereby granted to:

TRANSPORTER

NAME: BENNETT MOTOR EXPRESS
ADDR: 1001 INDUSTRIAL PKWY
CITY: McDONOUGH, GA 30253
PHONE: (800)448-0504 EXT:

PERMIT VALID SUNRISE 01-15-13 and 01-17-13 sunset	D01-13-0040 Permit Number <i>[Signature]</i> Authorized Dept. Representative
MOVING AUTHORIZED	
Saturday till noon	YES
Sunday	NO
Sunset to sunrise	NO

<input checked="" type="checkbox"/>	HAUL DRIVE TOW	LOAD OR EQUIPMENT AND MODEL NO. CONTROL BUILDING
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TYPE VEHICLE: 4 AX TRAC 3 AX TRLR

KING PIN TO LAST AXLE: 70'0"

COMB VEH LENGTH: 105'0"

LOADED DIMENSIONS DIFFERENT THAN OR WEIGHTS EXCEEDING THOSE SHOWN ARE NOT AUTHORIZED

MAX. HEIGHT: 16'3"

MAX. WIDTH: 15'11"

MAX.O/LENGTH: 105'0"

MAX.OVERHANG: LEGAL

AXLE NO.	1	2	3	4	5	6	7	8	9
# TIRES	2	4	4	4	4	4	4		
AXLE SPACING	/// ///	21'0"	4'6"	4'4"	59'3"	4'6"	4'6"		/// ///
AXLE WIDTH	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"	8'0"		
WEIGHT	12,350	58,966		59,168					

ORIGIN: ST HWY 10 & WILEYS WELL ROAD

DEST: 11995 WILEYS WELL ROAD

TRIPS: 1

ROUTE: ** (PERMIT ACCURACY IS RESPONSIBILITY OF DRIVER) **
COUNTY PORTIONS OF WILEYS WELL ROAD BETWEEN INTERSTATE 10 AND DESTINATION.

PERMITTEE ASSUMES RESPONSIBILITY FOR ALL OVERHEAD CLEARANCES

PILOT CAR: YES NO

CASH	<input checked="" type="checkbox"/>	CHARGE	<input type="checkbox"/>	EXEMPT	<input type="checkbox"/>
FEE: 15.00					

ATTACHMENTS:

- PERMIT CONDITIONS

Bill to: QUALITY PERMITS, 1806 ORANGE TREE LANE, SUITE D, REDLANDS CALIFORNIA 92

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

TRANSPORTATION PERMIT

STARS v5.0 (8/2005)

18624

THIS PERMIT SHALL BE CARRIED IN THE VEHICLE AT ALL TIMES AND IS VALID ONLY WHEN IT INCLUDES ALL THE REQUIRED ACCOMPANIMENTS.

PERMIT VALID: FROM: 01/15/2013 TO: 01/21/2013		PERMIT NUMBER: <h1>590604</h1>
MOVEMENT AUTHORIZED: PERMIT VALID FOR SEVEN CONSECUTIVE DAYS SEE 24/7 TRAVEL CONDITIONS FOR AUTHORIZED TIMES OF MOVEMENT <input type="checkbox"/> No Night Travel		REQUIRED ACCOMPANIMENTS: <input checked="" type="checkbox"/> PERMIT CONDITIONS 2007 <input checked="" type="checkbox"/> 24/7 SPECIAL CONDITIONS <input checked="" type="checkbox"/> PILOT CAR SPECIAL CONDITIONS <input checked="" type="checkbox"/> INSPECTION REPORT (TRACTOR)
CUSTOMER NO: - BENNETT NAME: BENNETT MOTOR EXPRESS ADDRESS: 100 INDUSTRIAL PKWY. CITY / STATE / ZIP: MCDONOUGH, GA 30253		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CUSTOMER CONTACT: BJ AMEZQUITA - QUALITY PERMITS OFFICE PHONE NUMBE (Include Area Co): (909) 748-7715 x FAX PHONE NUMBER: (Include Area Code): (909) 748-7716		
DESCRIPTION OF LOAD OR EQUIPMENT AND MODEL NO.: CONTROL BUILDING <input checked="" type="checkbox"/> HAUL <input type="checkbox"/> DRIVE <input type="checkbox"/> TOW		
DIMENSIONS OF LOAD: 13'0"H X 15'11"W X 40'0"L DESCRIPTION OF HAULING EQUIPMENT: 4AX TRAC - 3AX LB STR TRLR - TRLR IS 48'L WHEN NOT STRETCHED		
NUMBER OF TRIPS: 1		

VEHICLE WIDTH: 8' 06"	KINGPIN TO REAR AXLE LENGTH: 65' 00" MAX	SEMI-TRAILER LENGTH: 70' 00" MAX	COMB. VEHICLE LENGTH: 105' 00" MAX
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KINGPIN TO REAR AXLE LENGTH DOES NOT APPLY TO 48' TRAILERS ON THE CA NATIONAL NETWORK AND TERMINAL ACCESS ROUTES

AXLE NUMBER	1	2	3	4	5	6	7	8	9	10	11
NUMBER OF TIRES / AXLE	2	4	4	4	4	4	4				
DISTANCE BETWEEN AXLE	21' 00"	4' 06"	4' 06"	59' 03"	4' 06"	4' 06"					
AXLE WIDTH AT TIRE SIDEWALL	8' 03"	8' 01"	8' 02"	8' 02"	8' 06"	8' 06"	8' 06"				
MAX ALLOW-ABLE WEIGHT	12,350	58,966		59,168							

NOT TO EXCEED THE DIMENSIONS SHOWN BELOW OR AXLE WEIGHTS SHOWN ABOVE

BP7

MAXIMUM HEIGHT: 16' 03"	MAXIMUM WIDTH: 15' 11"	MAXIMUM OVERALL LENGTH: 105' 00"	MAXIMUM OVERHANG: "
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ORIGIN: CALIFORNIA / ARIZONA STATE LINE	DESTINATION: RIVERSIDE COUNTY
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AUTHORIZED HIGHWAYS (Other government agency permits may be required whenever the * is shown in the route.) R.C. DATE: 1/14/2013
 * - from AZ LINE 10 - 010W - to WILEYS WELL RD exit (WILEYS WELL RD S/B OFF RAMP)- *

PILOT CAR: YES NO
 Two (2) Pilot Car Required On All Routes.

AUTHORIZED STATE AGENT: R. Hill	REGION:	DATE ISSUED: 01/14/2013	FEE: 16
PERMIT SERVICE NAME: Quality Permits	PERMIT SERVICE CONTACT: BJ Amezquita - Quality Permits	PERMIT SERVICE CONTACT PHONE: (909) 748-7715 x	

THIS PERMIT IS VALID ONLY WHEN IT INCLUDES ALL REQUIRED ACCOMPANIMENTS

PERMITTEE ASSUMES RESPONSIBILITY FOR ALL OVERHEAD CLEARANCES

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
Fri. 3/01	57019	193111	272928		
Sat. 3/02	57019	193111	272928		
Sun. 3/03	57019 acre feet x .001	193111 acre feet x .001	272928 acre feet x .001	78762 00 (out of service)	Friday reading 03/01
Mon. 3/04	57019	193336	272928		
Tue. 3/05	57019	193595	272928		
Wed. 3/06	57019	193897	272928		
Thu. 3/07	57019	194173	272928		
Fri. 3/08	57019	194418	272928		
Sat. 3/09	57019	194418	272928		
Sun. 3/10	57019 acre feet x .001	194418 acre feet x .001	272928 acre feet x .001	78762 00 (out of service)	Friday reading 03/08
Mon. 3/11	57019	194733	272928		
Tue. 3/12	57019	195002	272928		
Wed. 3/13	57019	195358	272928		
Thu. 3/14	57019	195621	272928		
Fri. 3/15	57019	195910	272928		
Sat. 3/16	57019	195910	272928		
Sun. 3/17	57019 acre feet x .001	195910 acre feet x .001	272928 acre feet x .001	78762 00 (out of service)	Friday reading 03/15
Mon. 3/18	57019	196313	273165		
Tue. 3/19	57019	196754	273091		
Wed. 3/20	57019	197144	273319		
Thu. 3/21	57021	197612	273506		
Fri. 3/22	57021	197910	273744		
Sat. 3/23	57021	197910	273744		
Sun. 3/24	57021 acre feet x .001	197910 acre feet x .001	273744 acre feet x .001	78762 00 (out of service)	Friday reading 03/22
Mon. 3/25	57021	198359	274012		
Tue. 3/26	57021	198878	274236		
Wed. 3/27	57021	199272	274640		
Thu. 3/28	57021	199658	274877		
Fri. 3/29	57021	199658	275040		
Sat. 3/30	57021	199658	275040		
Sun. 3/31	57021 acre feet x .001	199658 acre feet x .001	275040 acre feet x .001	78762 00 (out of service)	Friday reading 03/22