

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

**Genesis Solar, LLC**

**Monthly Compliance Report #19  
May**

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

## Contents

	Page
AQ-SC1: Air Quality Construction Mitigation Manager .....	5
AQ-SC3: Construction Fugitive Dust Control; AQCMM Monthly Reporting .....	5
AQ-SC4: Dust Plume Response Requirement .....	6
AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting .....	6
BIO-2: Designated Biologist .....	6
BIO-4: Biological Monitors .....	7
BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan.....	7
BIO-8: Impact Avoidance and Minimization Measures .....	7
BIO-9: Desert Tortoise Clearance Surveys and Fencing .....	8
BIO-11: Desert Tortoise Compliance Verification.....	8
BIO-17: Kit Fox Impact Avoidance, Minimization, and Compensation Measures .....	8
BIO-18: Burrowing Owl Impact Avoidance, Minimization, and Compensation Measures .....	9
BIO-19: Special-Status Plant Impact Avoidance, Minimization and Compensation .....	9
BIO-22: Mitigation for Impacts to State Waters.....	9
BIO-6, CUL-7, and PAL-4: Worker Environmental Awareness Program (WEAP) .....	9
CUL-8: Construction Monitoring Program.....	9
CUL-13: Flag and Avoid .....	10
SOIL&WATER-1: Drainage Erosion and Sedimentation Control Plan .....	10
TRANS-2: Vehicle Weight Limits .....	10
TRANS-3: Public ROW Encroachment .....	10
TRANS-4: Hazmat Transport Permits/Licenses .....	10
WASTE-6: Hazardous Waste Generator Identification Number .....	10

WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment.....	11
GEN-2: PRS Facility Design Submittals to CBO and CPM.....	11
GEN-3: CBO Payments.....	11
GEN-6: Special Inspector(s) - Staff Assignment.....	11
GEN-7: Facility Design Discrepancy Documentation.....	11
GEN-8: As-builts, CBO Notification of Completion and Compliance.....	11
CIVIL-1: CBO Submittals- Drainage and Grading, Statement of Submittal .....	11
CIVIL-3: CBO Inspection of 2007 CBC Compliance.....	12
CIVIL-4: Final Grading Plans - CBO Submittal .....	12
STRUC- 1: CBO Submittals - Major Structure or Facility Design Component, Statement of Submittal .....	12
STRUC-3: CBO Submittal - Design Changes, Revised Drawings, Specifications, Calculations.....	12
STRUC-4: 2007 CBC Compliance for Toxic or Hazardous Materials.....	12
MECH-1: CBO Submittal - Plan Piping and Plumbing System, Final Design Specifications and Calculations .....	12
MECH-2: CBO and Cal-OSHA Submittal - Pressure Vessel .....	12
ELEC-1: CBO Submittal - Electrical Equipment and Systems .....	12
PAL-5: PRS Monitoring and Stop Work Authority .....	13
TSE-1: CBO and CPM Submittal - Schedule of Design Submittals .....	13
TSE-4: CBO Submittal – Power Plant Switchyard, Outlet Line and Termination Design Plans.....	13
COMPLIANCE-5 - Compliance Matrix.....	13
COMPLIANCE-6 – Permits and/or filings .....	13
Appendix A .....	1
Equipment List	
Appendix B .....	1

Biological Reports

Appendix C ..... 1

WEAP Training

Appendix D.....1

Schedule of Facility Design Submittals; Master Drawings and Master Specifications.....1

Appendix E.....1

Cultural Monitor Reports

Appendix F ..... 1

Safety Reports and Incidents

Appendix G ..... 1

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

The Genesis Solar Energy Project received authorization to construct from the California Energy Commission (CEC) on September 29, 2010 and the US Bureau of Land Management (BLM) on November 4, 2010. In accordance with the California Energy Commission's (CEC) Condition of Certification (COC) number COMPLIANCE-6, please see the following report that summarizes compliance with CEC and BLM's requirements for pre-construction and construction activities for the month of May, 2012.

During the month of May, 2012, Project activities included:

- Ongoing design tasks and agency consultation.
- Continued New Employee site specific Safety Training and Worker's Environmental Awareness Training.
- Unit 1 Electrical Building underground installations continued.
- Continued forming ACC columns in unit 1.
- Crews began setting steel structures in Unit 2
- Caisson drilling continued in Unit 2 .
- Power block footings were poured along with slab and grade beam pours.
- Applying soil stabilizer in channels C and D continued.
- Monitoring of kit fox dens outside plant perimeter with radio control mechanism continues.
- Continued ground cable and rod installation in Power Block 1
- Excavation and pipe installation continued in Unit 2
- Continued limited SCE installation in Unit 2

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

**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 May 2012.

### **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 have been a topic at contractor tailboard meetings once a week or more, depending upon weather conditions. During the month of May, wind gusts caused work stoppages and equipment slow downs.
- No vehicle shall exceed 10 mile per hour on unpaved areas within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads as long as such speeds do not create visible dust emissions.
- Speed limit signs are posted at the lay-down areas and along the access roads for the full length of the project. Dusk and dawn speed limit signs annotating the 35 mph limit continue to be a discussion with contractors to remind them of the reduction in speed during the dusk and dawn hours.
- 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.
- 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. In addition to the AQCMM, two biological monitors have been made Air Quality Construction Mitigation Manager Delegates. They have been given the authority to shut down work temporarily to inform the operators if they are creating excessive fugitive dust and to suggest ways to prevent further excessive fugitive dust generation. They are further instructed to inform the AQCMM of all such stoppages, and to follow up with further communications as to the measures the contractor has taken. If no measures are taken, they are to inform the AQCMM who will then shut the crew down. All slowdowns or work stoppages due to air quality concerns are recorded below, along with response taken to ameliorate Air Quality concerns.

<b>Air Quality Construction Mitigation Plan : Fugitive Dust Response Record</b>			
<b>Date</b>	<b>Activity</b>	<b>Response</b>	<b>Duration</b>
5/1/12	Work Stoppage	High Winds	2 hours
5/7/12	Work Stoppage	High Winds	8 hours
5/18/12	Work Stoppage	High Winds	3 hours

#### **AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting**

Requirement: The AQCMM 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 May, are provided in Appendix A. The equipment complies with the California Tier 3 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.

In order to remain in compliance with mitigation measures the Designated Biologist has been with construction crews at all times. Construction crews were reminded weekly of environmental concerns. The temporary Centerline Road inside the exclusion fence as well as the access road in the linear corridor was checked daily for road kill.

Compliance activities have included:

- Advising the Project Owner and Contractors on the implementation of the Biological Resource Conditions of Certification;
- Schedule and deploy the appropriate number of qualified biological monitors
- Supervising or conducting monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources and special status species;
- Conducting biological clearance surveys;
- Informing the Project Owner and Contractors of any remedial measures necessary;
- Surveying ahead of construction to identify sensitive resources and clear the area prior to construction equipment entry.
- Monitoring construction activities in specific areas for biological resource issues,
- Maintaining a daily log of monitoring events;
- 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;
- Evaluating new temporary use areas for biological resources;
- Notifying Owner of any observed incidents and problem areas;
- Temporarily halting construction activities as needed to protect animals in the path of equipment.

Included in Appendix B

### **BIO-9: Desert Tortoise Clearance Surveys and Fencing**

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

No repairs to the fence itself were required. Currently the DB and the BM are onsite during construction activity, surveying ahead of any equipment where monitoring is required.

No tortoises were observed within the fenced site and a 100% perimeter exclusion fence check was conducted as required weekly in May.

### **BIO-11: Desert Tortoise Compliance Verification**

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

All mitigation management measures have been complied with. Compliance with BIO-4 and BIO-8 is achieved by monitoring all site mobilization activities, construction-related ground disturbance, and other construction activities. All construction workers are reminded regularly of the need to check under vehicles, do not litter or cast off food, and to look out for sensitive species while driving in the access roads.

### **BIO-13:**

The monthly raven observations recorded in May 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**

The 30 day pre-construction nest survey requirement expired on July 31<sup>st</sup> for migratory birds. A loggerhead Strike nest was discovered in the month of February. During the Monitoring in the month of the May, the DB has found the nest to be inactive. The 100' buffer has been removed and nest deterrents have been added. This information has been included in the DB's Monthly Report. Monitoring will continue for any other activity.

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

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

Monitoring of the Desert Kit Fox (*Vulpes macrotis*) dens are on-going. There are currently (1 possible den, not verified) dens in the solar fields and two active dens outside the plant boundaries,

#### **Individual Den Status:**

A potential kit fox den opening was discovered on site on May 18, 2012. Cameras and

tracking medium, diatomaceous earth, were used to help determine fox activity. A Kit fox has been captured on camera around a single burrow opening, but does not appear to be using the burrow due to the lack of prints or other sign/evidence.

See Appendix B

No Desert Tortoises (*Gopherus agassizi*) or sign of desert tortoises were observed during construction activities in May.

The Desert Tortoise, Desert Kit Fox, and American Badger Plant Site Clearance Survey Report were submitted to the CEC.

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

Requirement: Submit burrowing owl mitigation compliance documentation.

No Burrowing Owls (*Athene cunicularia*) or sign was observed at the project site or during construction activities.

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

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

No special status plants have been observed during construction monitoring. ESA's were checked to ensure stakes and signs are in place. Revegetation of the south access road was completed by the designated botanist, Alice Karl. Continued monitoring of the plant status and road access is completed weekly.

### **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 to date during construction. 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 May, the total number of personnel who received the Construction Worker Environmental Awareness Training was 228. The number of personnel who have received the training to date is 1806. 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 issues in the month of May.

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. **(Submitted separately under confidential cover)**

### **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.

Disturbance activity associated with fence installation; all drainages crossed are located, soil removed and/or leveled to allow potential flow in the event of rain event. No other activity at this time.

### **TRANS-2: Vehicle Weight Limits**

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

No oversize or special permitted loads delivered to the site for the month of May.

### **TRANS-3: Public ROW Encroachment**

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

Caltrans is working with Flour Civil Engineers. Flour engineer's goal is to have a 30% design submitted to Caltrans by 6/08/2012. A resolution has not been reached with Caltrans for the final design, the project is moving forward to design and develop the encroachment area in question.

### **TRANS-4: Hazmat Transport Permits/Licenses**

Requirement: Report hazardous material transport permits received.

*Earliest delivery anticipated fall 2012.*

### **WASTE-6: Hazardous Waste Generator Identification Number**

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

*The EPA id was received in May and is included in Appendix G*

**WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment**

Requirement: Submit compliance documentation and inspection approvals.

A Construction Safety Supervisor has been assigned and continues to provide safety training, monitoring, and inspections. There were 2 incidents reported for the month of May. The details are included in the Safety Summary which can be found under Appendix F

Weekly bulletins and contractor audit inspection sheets 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 May.

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

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

No additional inspectors have been approved during this reporting period.

**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 this month.

**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 noncompliance reports.

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.

No Permanent Electrical activities have taken place in the month of May.

**PAL-5: PRS Monitoring and Stop Work Authority**

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

Monitoring for Paleontological Resources was ongoing throughout the month of May. One or two Paleontological Resource Monitors were onsite during construction days depending on the number of potentially significant activities occurring. One small unidentified fossil was observed on May 15, two small fitting fossils were observed on May 18 and an additional two fossils (non related) were discovered on May 30. All were determined to be non-significant and were recorded but not collected by the Paleontological Resource Monitor. No additional fossils were observed.

See Appendix E (Submitted separately under confidential cover)

**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.

No activities have taken place.

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.

No delay submissions have taken place this month

**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 Matrix**

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
x			AQ-SC1	Assign Air Quality Construction Mitigation Manager	Fluor	> 30d pt gd	3-Dec-10	16-Nov-10	Approved 12/2/2010
	x		AQ-SC1	AQCMM remain onsite to monitor construction activities	Fluor	Ongoing			
x			AQ-SC2	Prepare Air Quality Construction Mitigation Plan (AQCMP)	Fluor	> 30d pt gd	3-Dec-10	23-Nov-10	Approved 12/2/2010
	x		AQ-SC3	AQCMM to submit compliance documentation to the CPM in each Monthly Compliance Report.	Fluor	Monthly			
	x		AQ-SC3	Implement Dust Control BMPs	Fluor		3-Jan-11		
	x		AQ-SC3	Stabilize all disturbed areas after construction activities.	Fluor	Construction Completion	1-Jul-14		
	x		AQ-SC4	Implement Dust Plume Response Requirement	Fluor		3-Jan-11		
	x		AQ-SC4	Submit information on dust plume observations, response, and list of equipment onsite in Monthly Report.	Fluor	Monthly	Monthly		
	x		AQ-SC4	Monitor all construction activities for visible dust plumes. If plumes observed, implement mitigation as specified.	Fluor	Ongoing			
	x		AQ-SC5	Implement Diesel-Fueled Engine Control	Fluor		3-Jan-11		
	x		AQ-SC5	Submit compliance documentation in Monthly Compliance Report.	Fluor	Monthly	Monthly		
	x		AQ-SC5	AQCMM to inspect and tag all diesel-fueled engines Diesel engines and tier standards - see full text. Do not idle diesel equipment for more than 5 mins.(see full text for exceptions)	Fluor	Ongoing			
		x	AQ-SC6	Update Fleet Plan every other year. Submit the Fleet Plan with Annual Report.	Operations	Annually			
	x		AQ-SC6	Submit to the CPM a Fleet Plan for vehicles dedicated to mirror washing and maintenance activities.	Fluor	> 30d pt operation	31-Mar-13		
	x		AQ-SC7	Submit Operations Dust Control Plan.	Fluor	> 30d pt operation	31-Mar-13		
		x	AQ-SC7	Implement all requirements of the Operations Dust Control Plan	Operations	Ongoing			
		x	AQ-SC7	Submit report identifying locations of all speed limit signs, and a copy of the training manual.	Fluor	< 60d after start of operation	29-Jun-13		
x	x	x	AQ-SC8	Submit all modified or revised ATC/PTO documents and all federal air permits.	Tetra Tech	< 15d of receipt			Approved 1/14/2011
x	x	x	AQ-SC8	Submit copies of District issued Authority to Construct & Permit to Operate Documents.	Tetra Tech	< 5d from date of submittal or receipt			
		x	AQ-1	Operate NG boilers in compliance with all data and specifications submitted with application.	Operations	Ongoing			
		x	AQ-2	Fuel equipment only with NG. Operate and maintain in accordance with manufacturer recommendations.	Operations	Ongoing			
		X	AQ-3	Emissions shall not exceed the following hourly emission limits (see full text)	Operations	Ongoing			
		x	AQ-3	Submit emissions compliance documentation in Annual Compliance Report.	Operations	Annually			
		x	AQ-4	Maintain an operations log on-site and current for a minimum of five (5) years.	Operations	Ongoing, 5 yrs			
		x	AQ-4	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing			
		x	AQ-6	Submit test results within 180 days of initial start up.	Fluor	< 180d after initial start up	28-Oct-13		
	x		AQ-6	Notify agencies within fifteen working days before the initial MDAQMD compliance test.	Fluor	< 15d prior to test			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
		x	AQ-7	Perform annual MDAQMD compliance tests.	Operations	Annually			
		x	AQ-7	Submit results report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit			
		x	AQ-9	Ullage tanks - This system shall store only HTF.	Operations	Ongoing			
		x	AQ-10	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	1-May-13		
		x	AQ-10	Operate ullage tanks system with the carbon adsorption system. [VOC and Benzene emissions cap, see full text]	Operations	Ongoing			
		x	AQ-10	Submit compliance documentation in Annual Compliance Report.	Operations	Annually			
		x	AQ-10	Submit a yearly summary report of all VOC emissions.	Operations	Jan-31 Annually			
	x		AQ-10	Submit a monitoring and change-out plan for the system.	Fluor	pt initial start up	30-Apr-13		
		x	AQ-10	Submit initial test results within 180 days after startup.	Fluor	< 180d after initial start up	28-Oct-13		
	x		AQ-11	Submit an HTF Ullage/Exp. Tanks vent release Inspection, Maintenance and Monitoring Plan.	Fluor	> 30d pt taking delivery of the HTF			
	x		AQ-12	Establish an HTF Piping and Exp Tank Inspection and Maintenance Program. Provide documentation to District staff upon request.	Fluor	> 30d pt taking delivery of the HTF			
		x	AQ-12	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing			
	x		AQ-12	Submit to CPM an HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan for review.	Fluor	> 30d pt taking delivery of the HTF			
		x	AQ-12	Submit volume of HTF removed and added in Annual Report.	Operations	Annually			
	x		AQ-13	Submit a report of test results to the District.	Fluor	< 45d after test			
	x		AQ-13	Notify District prior to testing.	Fluor	10d prior to test			
	x		AQ-13	Provide a written test plan for District review and approval.	Fluor	30d prior to test			
		x	AQ-13	Submit to the District a compliance test protocol.	Operations	< 60d after initial start up	29-Jun-13		
		x	AQ-14	Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test report.	Operations	< 180d after initial start up	28-Oct-13		
		x	AQ-15	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing			
		x	AQ-15	Perform annual compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual.	Operations	Annually			
		x	AQ-15	Submit test results and report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit			
		x	AQ-15	Retain all annual test records for 5 yrs.	Operations	Ongoing, 5 yrs			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
		x	AQ-16	Include Ullage/tank emission rate caps compliance documentation in Annual Report.	Operations	Annually			
		x	AQ-16	Maintain emission rates below specified volumes.	Operations	Ongoing			
	x	x	AQ-17	Submit a Compliance Plan of the toxic or hazardous substances if current non-criteria substances in the HTF become regulated as toxic or hazardous substances.	Fluor / Operations	Ongoing			
		x	AQ-18	Operate cooling towers in compliance with all data and specifications submitted in application.	Operations	Ongoing			
		x	AQ-19	Operate cooling towers in compliance with all manufacturer specifications.	Operations	Ongoing			
		x	AQ-20	Comply with drift rate emissions cap ( <i>see full text</i> ).	Operations	Ongoing			
	x		AQ-20	Submit manufacturer guarantee data for the drift eliminator.	Fluor	> 30d pt cooling tower operation			
		x	AQ-20	Submit compliance documentation on operating emission rates with Annual Report.	Operations	Annually			
	x		AQ-22	Submit a test and emissions calculation protocol.	Fluor	> 30d pt testing			
		x	AQ-23	Submit compliance documentation with Annual Report.	Operations	Annually			
		x	AQ-23	Do not operated for more than 3,200 hours per rolling twelve month period and more than 15 hours per calendar day.	Operations	Ongoing			
		x	AQ-24	Maintain operations log onsite for 5 years.	Operations	Ongoing			
		x	AQ-24	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing			
		x	AQ-25	Make available compliance documentation for inspection by representatives of the District, ARB, and the Energy Commission	Operations	Ongoing			
		x	AQ-26	Operate generators in compliance with all manufacturer specifications.	Operations	Ongoing			
		x	AQ-27	Use only ultra-low sulfur diesel fuel. Retain fuel purchase records.	Operations	Ongoing			
	x		AQ-28	Install a non-resettable hour meter on the unit to indicate elapsed engine operating time. Submit to District and CPM the specifications of the hour meter.	Fluor	> 30d pt installation			
		x	AQ-29	Use limited to emergency power. Operate no more than 50hr/yr for testing and maintenance.	Operations	Ongoing			
		x	AQ-30	Maintain a operations log for a minimum of two years.	Operations	Ongoing 2 yrs after start of operations			
		x	AQ-30	Make records available to the District for three years.	Operations	Ongoing 3 yrs after start of operations			
		x	AQ-30	Submit compliance documentation in Annual Report.	Operations	Annually			
		x	AQ-30	Make site and records available for inspection by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing			
		x	AQ-31	Do not use generators during a voluntary power outage or reduction.	Operations	Ongoing			
		x	AQ-32	Operate generators <30 minutes pt ordered outage. Shut down immediately after advised that the outage is no longer imminent or in effect.	Operations	Ongoing			
		x	AQ-33	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		AQ-34	Submit the engine specifications regarding NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase			
		x	AQ-34	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Operations	Ongoing			
	x	x	AQ-35	Install, operate and maintain equipment in accordance with manufacture recommendations and with all data and specifications submitted with permit application.	Fluor / Operations	Ongoing			
		x	AQ-36	Use only ultra-low sulfur diesel fuel for equipment.	Operations	Ongoing			
	x		AQ-37	Install a non-resettable hour meter on this unit to indicate elapsed engine operating time. Provide the District and the CPM the specification of the hour timer.	Fluor	> 30d pt installation			
		x	AQ-38	Limit use for emergency power. Operate < 50hrs/yr for testing.	Operations	Ongoing			
		x	AQ-39	Maintain an operations log for this unit current and on-site, for three years.	Operations	3 yrs after start of operations	1-May-13		
		x	AQ-39	Submit compliance documentation in Annual Report.	Operations	Annually			
		x	AQ-40	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing			
		x	AQ-41	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.	Operations	Ongoing			
	x		AQ-41	Submit the engine specifications demonstrating compliance with NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase			
	x	x	AQ-42	Post the required toll-free number on the equipment.	Fluor / Operations	Ongoing			
		x	AQ-43	Maintain an inspection, repair and maintenance log onsite for at least two years.	Operations	2 yrs after start of operations	1-May-13		
	x	x	AQ-44	Submit any modification to the piping or control fitting of the vapor recovery system for review and approval.	Fluor / Operations	Ongoing			
	x	x	AQ-45	Equip the vapor vent pipes with Husky 5885 pressure relief valves or as otherwise allowed by EO.	Fluor	Ongoing			
		x	AQ-46	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	29-Aug-14		
		x	AQ-46	Submit results of pressure checks.	Operations	< 30d after test			
		x	AQ-46	Perform pressure, leak and liquid removal tests within 60 days of construction completion. Document test data on a Form similar to EO VR-401-A Form 1	Fluor	Annually			
		x	AQ-46	Make test results available to CPM upon request.	Operations	Ongoing			
	x		AQ-46	Notify District pt testing. (initial and annual)	Fluor	> 10d prior to test			
		x	AQ-46	Submit passing test reports to District.	Operations	< 6w pt expiration of permit			
	x	x	AQ-47	Install and maintain aboveground storage tank and vapor recovery system in compliance with California Health and Safety Code.	Fluor / Operations	Ongoing			
		x	AQ-48	Maintenance and repair of system components shall be performed by OPW Certified Technicians.	Operations	Ongoing			
		x	AQ-49	Maintenance intervals shall be conducted by an OPW trained technician annually.	Operations	Annually			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
		x	AQ-51	Maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-A, and Phase II vapor recovery in accordance with G-70-116-F.	Operations	Ongoing			
x			BIO-1	Assign Designated Biologist	Tetra Tech	> 30d pt gd	3-Dec-10	27-Sep-10	Approved 6/08/2011
	x		BIO-2	Include documentation of biological resource compliance in the Monthly Compliance Reports.	Tetra Tech	Monthly	Monthly		
		x	BIO-2	Des Bio to submit bio compliance documentation through operations, unless approved by the CPM.	Tetra Tech	Annually			
x	x		BIO-2	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;	Tetra Tech				
		x	BIO-2	Submit BRMIMP compliance summary reports in Annual Compliance Report.	Tetra Tech	Ongoing			
	x		BIO-2	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.	Tetra Tech	Ongoing			
x			BIO-3	Assign Bio Monitors and submit training verification	Tetra Tech	> 30d pt gd	3-Dec-10	17-Dec-10	Approved 1/14/2011
	x		BIO-3	Submit information on additional bio monitors, if needed	Tetra Tech	> 10d pt monitoring activity			
		x	BIO-4	Employ a Bio Mon during operations if any action could affect a sensitive bio resource.	Tetra Tech	Ongoing			
	x		BIO-4	Assist with surveys and in monitoring of site mobilization activities.	Tetra Tech	pt construction			
	x		BIO-4	Include BIO-4 compliance documentation in Monthly Compliance Report.	Tetra Tech	Monthly	Monthly		
	x		BIO-4	Bio Mons assist DB with surveys and monitoring disturbance activities.	Tetra Tech	Ongoing			
	x	x	BIO-5	Des Bio to notify agencies if there a stop work order.	Tetra Tech	Ongoing			
x			BIO-6	Prepare and Submit WEAP (including trainer resume)	Tetra Tech	> 30d pt gd	3-Dec-10	3-Dec-10	
		x	BIO-6	Conduct training annually for perm. Employees and within one week of arrival for new staff.	Operations	Annually			
	x		BIO-6	Submit training records in the Monthly Compliance Report.	Flour	Monthly			
	x	x	BIO-6	Conduct WEAP training to all onsite personnel within one week of arrival. Employees must sign a completion form and display a hardhat sticker. Keep all training forms on site.	Fluor	Ongoing			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
x			BIO-6	Submit Final WEAP.	Tetra Tech	> 10d pt gd	23-Dec-10	13-Jan-11	Approved 1/14/2011
		x	BIO-6	Keep signed training forms on site for >6m after start of operations and 6m after staff dismissal.	Operations	> 6m Operations	1-May-13		
x	x		BIO-7	Submit the revised or supplemented BRMIMP.	Tetra Tech	< 10d of receipt of addl permits			
x			BIO-7	Submit Draft BRMIMP	Tetra Tech	> 30d pt site mobilization	14-Nov-10	23-Nov-10	
x		x	BIO-7	Conduct Aerial Surveys and submit pre-const. photos for review	Tetra Tech	after construction completion	30-Jun-14		
		x	BIO-7	Construction disturbance verification - submit post-construction aerial images of the project site .	Fluor	< 90d after construction completion	28-Sep-14		
x	x		BIO-7	Submit any outstanding permits within 5 days of receipt and revise BRMIMP accordingly.	Tetra Tech	< 5d of receipt			
x	x		BIO-7	Include BIO-7 compliance documentation in Monthly Compliance Report.	Tetra Tech	Monthly			
x			BIO-7	Submit final BRMIMP.	Tetra Tech	> 7d pt gd	26-Dec-10	22-Feb-11	Approved 4/15/2011
	x	x	BIO-7	Submit to the CPM a Construction Termination Report.	Tetra Tech	< 30d after construction completion	30-Jul-14		
x			BIO-8	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE I	Fluor	pt construction	27-Dec-10		Completed according to owner, reported on 4/1/2012
	x		BIO-8	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE II	Fluor	pt construction	26-May-11		Completed according to owner, reported on 4/1/2012
	x		BIO-8	Speed limit = 25 mph on all dirt roads and 45 mph on all paved roads.	Fluor	Ongoing			
	x		BIO-8	Signs - Post speed limit signs at entrances and wildlife signs at potential crossing areas.	Fluor	Ongoing			
	x		BIO-8	Water - prevent puddles from forming. Bio Monitor must patrol areas watered outside fence to ensure no puddles form.	Fluor	Ongoing			
	x		BIO-8	Use non-toxic soil bonding and weighting agents on unpaved surfaces.	Fluor	Ongoing			
x	x		BIO-8	If an active bird nest is detected, submit Nesting Bird Monitoring and Management Plan	Tetra Tech	< 7d pt noisy construction in nesting habitat	27-Dec-10	2/29/2011	Approved 3/14/2011
			BIO-8	Include BIO-8 compliance documentation in Annual Compliance Report.	Tetra Tech	Annually			
	x		BIO-8	Include BIO-8 compliance documentation in Monthly Compliance Report.	Tetra Tech	monthly	Monthly		
x	x		BIO-8	Design facility lighting to prevent side casting of light towards wildlife habitat.	Fluor				
	x		BIO-8	Immediately clean up and properly dispose of all hazardous material spills and any contaminated soil.	Fluor	Ongoing			
	x		BIO-8	Des. Bio or Bio Monitor must walk immediately ahead of equipment during brushing and grading activities in unfenced habitat.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Stockpile spoil and topsoil in disturbed areas lacking native vegetation and are not habitat for special-status species.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Des. Bio must be onsite during disturbance-activities in unfenced areas.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Install and maintain facility lighting downward. Use minimum lighting needed, including motion or infrared sensors.	Tetra Tech / Fluor	Ongoing			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		BIO-8	Avoid loud construction activities (>65dBA) from February 15 to April 15 in nesting habitat. (See full text for exceptions).	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Backfill or slope all open trenches outside fenced area at end of day. Inspect open trenches at beginning, throughout and end of day.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Cap or elevate (>8" above ground) all pipes greater than 3" diameter and outside fenced area. OR inspect before moving.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Remove road-killed animals on Project roads. Contact agencies immediately if animal is a special-status species.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Service vehicles and equipment in designated areas only. Service/maintenance vehicles must carry a bucket and pads to absorb leaks or spills.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Keep all food and trash in self-closing containers and remove from site daily.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Workers must not feed wildlife or bring pets to the Project site.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	No firearms or weapons onsite.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Stabilize all disturbed soils and roads (const and oper).	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	Install and maintain erosion control measures to prevent sedimentation of "Waters of the State". Sediment and other flow-restricting materials shall be moved to a location where they shall not be washed back into the stream.	Tetra Tech / Fluor	Ongoing			
	x		BIO-8	If activities btwn Feb15 to Apr15 may result in noise >65 dBA in bird nesting habitat, submit nest survey results (as described in 9a).	Tetra Tech	< 7d before noisy construction	14-Feb-11		
x			BIO-8	Designated Biologist must monitor ground disturbing activities prior to pre-construction site mobilization.	Tetra Tech / Fluor	pt site mobilization	14-Dec-10		
x	x		BIO-8	Locate parking areas, staging and disposal site locations in areas without native vegetation or special-status species habitat.	Tetra Tech / Fluor				
	x		BIO-8	Park and store vehicles within exclusion fence. If not possible, check under vehicle for tortoise before moving.	Tetra Tech / Fluor				
	x		BIO-9	Flag and survey the alignments for the permanent perimeter fence and utility rights-of-way fencing <24hrs PT fence construction.	Fluor	< 24hrs pt fence construction			
	x		BIO-9	Submit DT survey reports.	Tetra Tech	< 30d after survey complete		9-May-11	Approved as per CITS, returned on 5/13/2011.
	x		BIO-9	Inspect temporary fencing weekly and, where drainages intersect the fencing, during and within 24 hours following major rainfall events. Repair fence immediately. If damage could have allowed tortoise entry, Des Bio must inspect area for animal presence.	Tetra Tech	< 24hr following rain event			
	x		BIO-9	Inspect permanent fencing monthly, during and within 24 hours following all major rainfall events (flow is detectable within the fenced drainage). Repair fence immediately, with permanent repairs completed within 48 hrs.	Tetra Tech	< 48hrs following rain event			
	x		BIO-9	If tortoises were relocated during fence installation, inspect fences at least two times a day for the first 7 days.	Tetra Tech	Monthly	Monthly		
x			BIO-9	Install exclusion (supervised by Des. Bio or Monitors) fencing PT site clearing and grubbing.	Fluor	pt clearing and grading	4-Jan-11		Completed, reported on 4/1/2012.
	x		BIO-9	Report following Desert Tortoise Clearance Surveys	Tetra Tech	< 30d following survey completion			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		BIO-9	Clear plant site of Tortoise following construction of permanent fence. Search and collapse all unoccupied burrows. Excavate all occupied burrows. Relocate and monitor in accordance with Translocation Plan.	Tetra Tech	following const of permanent fence			
x			BIO-9	Design security gates with minimal ground clearance to deter ingress by tortoises.	Fluor			1-Apr-11	Approved 4/15/2011
x	x		BIO-10	Submit a Translocation Plan status report following translocation of a DT.	Tetra Tech	< 30d after initiation of relocation			
x			BIO-10	Submit final version of Desert Tortoise Translocation Plan.	Tetra Tech	< 30d pt site mobilization	14-Nov-10	9-Feb-11	Approved 2/25/2011
	x		BIO-11	Des Bio must be onsite daily during ground-disturbing construction activities located beyond permanent fencing.	Tetra Tech	Ongoing			
	x	x	BIO-11	Provide agencies with reasonable access to the Project site and compensation lands.	NextEra	Ongoing			
		x	BIO-11	Submit a Final Listed Species Mitigation Report.	Tetra Tech	< 45d after initial start up	14-Jun-13		
	x		BIO-11	Des. Bio to conduct compliance inspections at least once per month after grading is completed.	Tetra Tech	Monthly	Monthly		
x	x		BIO-11	DesBio - Notify agencies immediately of any injured or dead listed species. Follow up with written notification within 2 days.	Tetra Tech	< 2d of discovery			
x			BIO-11	Des Bio - Notify the CPM > 14d pt construction ground disturbance.	Tetra Tech	> 14d pt gd	19-Dec-10	6-Jan-11	Approved 1/12/2011
	x		BIO-11	Notify the CPM immediately of any NCR.	Tetra Tech	upon discovery			
	x		BIO-12	Submit PAR analysis for compensation lands.	Tetra Tech	< 60d after CPM approval			
	x		BIO-12	Submit an Acquisition Proposal compensation lands.	Tetra Tech	< 12m after start of construction	21-May-12		
	x		BIO-12	Fund activities for Des Tort compensation. Submit verification of funding to CPM.	NextEra	< 60d CPM determining requirements			
	x		BIO-12	Complete initial protection and improvement activities of mitigation lands. Submit verification to CPM.	Tetra Tech	< 6m CPM determining requirements			
	x		BIO-12	If delegated to third party, complete acquisition within 18 months of gd activities.	NextEra	< 18m after start of gd	25-Jun-12		
		x	BIO-12	Provide to agencies a total disturbance acreage, including B/A aerial photography.	Fluor	< 90d after completion of gd	28-Sep-14		
	x		BIO-12	If mitigation is not completed 30d pt gd, post security for funding.	NextEra	> 30d pt gd	26-Apr-11		
x			BIO-12	Notify (written) CPM of gd activity commencement.	Tetra Tech	> 30d pt gd	3-Dec-10	6-Jan-11	Approved 1/11/2011
	x		BIO-12	Submit a Preliminary Title Report, initial hazardous materials survey report, biological analysis for compensation land.	Tetra Tech				
x	x		BIO-12	Fund long-term maintenance and management activities of the compensation lands. Submit verification of funding.	NextEra	< 30d after CPM approval			
	x		BIO-12	Acquire and transfer fee title to the compensation lands, a conservation easement over the lands, or both.	Tetra Tech				
	x		BIO-12	Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).	NextEra				
	x		BIO-12	Submit a Management Plan for Compensation Lands.	Tetra Tech	< 180d after acquisition			
		x	BIO-13	Submit a status report of the Raven Management Plan implementation.	Tetra Tech	< 30d after start of operation	30-May-13		
x			BIO-13	Submit final Raven Management Plan.	Tetra Tech	> 30d pt construction	3-Dec-10	3-Dec-10	
x			BIO-13	Post payment to the REAT Account for Regional Raven Management Program. Submit documentation of payment..	NextEra	< 10d pt Project-related gd	24-Dec-10	2-Mar-11	Approved 3/2/2011
		x	BIO-13	Include the status of the Raven Management Plan implementation in Jan 31 report during operations.	Tetra Tech	Jan-31 Annually			
	x	x	BIO-13	Implement the approved Raven Management Plan.	Tetra Tech / Operations	Ongoing			
x			BIO-14	Submit final Weed Management Plan.	Tetra Tech	> 10d pt Project-related gd	23-Dec-10	10-Jan-11	Approved 1/11/2011

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
		x	BIO-14	Submit a status report of Weed Management Plan implementation.	Tetra Tech	< 30d after start of operation	30-May-13		
	x	x	BIO-14	Implement the Weed Management Plan.	Tetra Tech / Operations	Ongoing			
		x	BIO-14	Submit a status report of Weed Management Plan implementation in Jan 31 report during operation.	Tetra Tech	Jan-31 Annually			
		x	BIO-15	Submit summary report of nest buffer zones in Jan 31 report during operations.	Tetra Tech	Jan-31 Annually			
x	x		BIO-15	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.	Tetra Tech	until fledged	After Feb 1		
x	x		BIO-15	Conduct two pre-construction nest surveys. If construction is inactive for > 3 weeks, additional surveys may be required.	Tetra Tech	< 7d pt construction	26-Dec-10		
x	x		BIO-15	Submit letter report of nest survey results.	Tetra Tech	pt gd	2-Jan-11	19-Aug-11	Approved 8/22/2011
	x		BIO-15	Avoid construction in buffer zones established for active bird nests as determined and flagged by Des Bio.	Tetra Tech	until fledged			
x			BIO-16	Submit a final Avian Protection Plan.	Tetra Tech	> 30d pt construction-related gd	3-Dec-10	6-Jan-11	Approved 1/11/2011
	x	x	BIO-16	Implement an Avian Protection Plan	Tetra Tech / Operations	Ongoing			
	x	x	BIO-16	Report project-related bird deaths or injuries to agencies.	Tetra Tech	Ongoing			
		x	BIO-16	Continue quarterly and annual reporting on APP until agencies determine not necessary.	Tetra Tech	Ongoing			
		x	BIO-16	Submit report of study design and results after two years of data collection.	Tetra Tech	< 3yr after start of operation	14-Apr-16		
		x	BIO-16	Submit quarterly monitoring reports of APP status. Follow up with an annual report (Jan 31).	Tetra Tech	Jan-31 Annually			
	x		BIO-17	Submit a report of badger and kit fox survey results.	Tetra Tech	< 30d after survey complete		9-May-11	Approved, returned on 5/13/2011.
	x		BIO-17	Perform pre-construction surveys for badger and kit fox dens.	Tetra Tech	pt construction	17-Apr-11	9-May-11	Approved, returned on 5/13/2011.
x			BIO-18	If an active owl burrow is detected: Notify agencies that a relocation of owls is necessary.	Tetra Tech	> 10d after survey complete			
		x	BIO-18	Submit results of monitoring and management of compensation lands.	Tetra Tech	Jan-31 Annually for first 5yrs of operations			
	x		BIO-18	If an active owl burrow is detected: Provide a land management plan.	Tetra Tech	< 90d after acquisition			
	x		BIO-18	Submit verification to agencies that compensation land or easements have been acquired.	Tetra Tech	< 18m after start of construction	16-Nov-12		
x	x		BIO-18	Submit burrowing owl compliance documentation in monthly compliance report.	Tetra Tech	Monthly			
	x		BIO-18	If an active owl burrow is detected: Submit acquisition proposal and a PAR analysis.	Tetra Tech	> 90d pt acquisition			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
x			BIO-18	Conduct pre-construction surveys for burrowing owls.	Tetra Tech	< 30d pt construction	4-Dec-10	2-Mar-11	Approved 3/14/2011
x	x		BIO-18	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed.	Tetra Tech	> 10d pt construction-related gd	23-Dec-10		
x	x		BIO-18	If an active owl burrow is detected: Provide land/mitigation compensation security verification.	Tetra Tech	> 30d pt construction-related gd	3-Dec-10		
		x	BIO-18	Submit a Construction Termination Report identifying status of owl mitigation.	Tetra Tech	< 30d Start of Operations	30-May-13		
x			BIO-18	If an active owl burrow is detected: Submit Burrowing Owl Relocation and Mitigation Plan.	Tetra Tech	< 30d after survey complete	3-Dec-10	10-Jan-11	Approved 3/14/2011
x			BIO-19	<u>Rare Plant Surveys</u> - Submit drawings and plans with ESAs and Section A Measures.	Tetra Tech	> 30d pt gd	3-Dec-10		
	x		BIO-19	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	22-Nov-11		
	x		BIO-19	If a Distribution Study is implemented as contingency mitigation, complete implementation within 2yrs of start of construction.	Tetra Tech	< 24m after start of construction	15-May-13		
x			BIO-19	If compensatory mitigation is required, post Security for acquisition and enhancement funds.	NextEra	> 30d pt gd	3-Dec-10		
x			BIO-19	<u>Rare Plant Surveys</u> - Submit data, field forms and summary of results.	Tetra Tech	< 2w after survey complete		22-Oct-10	Approved 11/2/2010
x			BIO-19	Compensatory Mitigation: post security.	NextEra	> 7d pt gd	27-Dec-10		
	x		BIO-19	Habitat Enhancement: Submit Security adequate for long-term implementation and monitoring of the Habitat Enhancement / Restoration Plan.	Tetra Tech				
x			BIO-19	<u>Rare Plant Surveys</u> - Submit the Final Summer-Fall Botanical Survey Report.	Tetra Tech	> 30d pt gd	3-Dec-10		No rare plants found during fall surveys, letter sent 10/22/2010
	x		BIO-19	Habitat Enhancement: If proposed, secure approval of a Habitat Enhancement/Restoration Plan.	Tetra Tech	< 6m after start of construction	22-Nov-11		
x			BIO-19	<u>Rare Plant Surveys</u> - Submit draft Special-Status Plant Mitigation Plan.	Tetra Tech	> 30d pt gd	3-Dec-10		Not necessary as no rare plants found
x	x	x	BIO-19	Notify agencies immediately if a State- or Federal-Listed Species, or BLM Sensitive Species is identified at any time during the life of the Project.	Tetra Tech				
	x		BIO-19	<u>Compensatory Mitigation</u> : Deposit the required funds and submit verification of deposit.	NextEra	> 30d after acquisition			
	x		BIO-19	<u>Status and Distribution</u> : Post funds for selected mitigation.	NextEra	< 18m after start of gd	25-Jun-12		
	x		BIO-19	<u>Compensatory Mitigation</u> : Submit a formal acquisition proposal and draft Management Plan.	Tetra Tech	> 90d pt acquisition			
	x		BIO-19	Submit compliance documentation of special-status plant avoidance and minimization measures in the Monthly Compliance Reports.	Tetra Tech	Monthly	Monthly	n/a	
	x		BIO-19	Compensatory Mitigation: Complete acquisition and submit verification.	Tetra Tech	< 18 m after start of gd	25-Jun-12		
	x		BIO-19	Habitat Enhancement: initiate activities > 12m from the start of construction.	Tetra Tech	< 12m after start of construction	21-May-12		

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		BIO-19	Compensatory Mitigation: Submit any agreements with an approved, delegated third party.	Tetra Tech	> 90d pt acquisition			
	x		BIO-19	Status and Distribution: If selected, initiate study <6m after gd.	Tetra Tech	< 180d after gd	1-Jul-11		
	x		BIO-19	Status and Distribution: If selected, submit draft and final study within 24m and 30m after gd, respectively.	Tetra Tech	< 24m after start of gd	22-Dec-12		
	x	x	BIO-19-A	Select, install and maintain ECDs such that special-status plants are not directly or indirectly affected (seed mixes, hay, runoff).	Fluor	Ongoing			
x			BIO-19-A	Assign a Designated Botanist.	Tetra Tech	none	none	27-Sep-10	Approved 10/15/10
x			BIO-19-A	Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).	Tetra Tech		3-Dec-10		Approved 1/14/2011
x			BIO-19-A	Establish and mark boundaries for ESAs PT start of any ground- or vegetation-disturbing activities.	Tetra Tech	pt gd	2-Jan-11		
	x	x (closure)	BIO-19-A	Designated Botanist: monitor disturbance activities weekly.	Tetra Tech	Weekly	3-Jan-11		
x			BIO-19-A	Incorporate site design modifications to minimize impacts to special-status plants along the Project linears.	Fluor				
		x	BIO-19-A	Des Bio: Protect special-status plant species within 100ft of Project Boundaries during operations.	Tetra Tech	Ongoing			
	x	x	BIO-19-A	Maintain a 100-ft buffer around ESAs. (vehicles, wash stations, storage, equipment, etc)	Fluor	Ongoing			
	x		BIO-19-A	Protect special-status plants within 100ft of site boundaries from drift of herbicides and stabilizer.	Fluor / Operations	Ongoing			
x			BIO-19-B	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.	Tetra Tech	pt construction	2-Jan-11		
x			BIO-19-B	Prior to the start of surveys, all crew members must visit reference sites (where available)	Tetra Tech	pt plant survey		completed	
x			BIO-19-C	Collect seeds from affected Special-Status Plants and arrange for long-term storage prior to construction.	Tetra Tech	pt construction	2-Jan-11		
x			BIO-19-C	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	Surveys completed. No rare plants found. COC not applicable.	
x			BIO-20	Post security for acquisitions and enhancement of MFTL habitat.	NextEra	> 30d pt construction-related gd	3-Dec-10	27-Dec-10	Approved 1/4/2011
	x		BIO-20	Submit a MFTL Compensation Land Management Plan and associated funding.	Tetra Tech	< 180d after acquisition			
		x	BIO-20	Submit final accounting of MFTL habitat disturbed during construction within 90d of construction completion.	Tetra Tech	< 90d after start of operation	29-Jul-13		

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		BIO-20	Submit a formal acquisition proposal and PAR analysis.	Tetra Tech	> 90d pt acquisition			
	x		BIO-20	Complete MFTL compensation land acquisition and submit verification.	Tetra Tech	< 18m after start of construction	16-Nov-12		
	x		BIO-20	Provide funding for MFTL compensation lands OR deposit funds into NFWF's REAT Account.	NextEra				
		x	BIO-21	Report any dead wildlife to Des Bio <24hrs. Des Bio must report to agencies ,48hrs.	Tetra Tech / Operations	< 1d of detection			
		x	BIO-21	If no entanglements are detected after 12 months, continue to monitor quarterly.	Tetra Tech	quarterly	Quarterly		
		x	BIO-21	Submit quarterly reports to agencies for first year of operation. Thereafter, submit reports annually.	Tetra Tech	quarterly	Quarterly		
		x	BIO-21	If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).	Tetra Tech	biannually			
		x	BIO-21	Submit annual reports no later than January 31 of each year.	Tetra Tech	Jan-31 Annually			
		x	BIO-21	Netting cannot touch the water in evap ponds.	Operations	Ongoing			
		x	BIO-21	Consult with agency regarding removal of injured wildlife in evap ponds.	Tetra Tech	Ongoing			
	x		BIO-21	Install a visual deterrent in addition to the mesh cover.	Fluor				
		x	BIO-21	Submit as-built drawings and photos of evap ponds	Fluor	> 30d pt operation	31-Mar-13		
		x	BIO-21	Des Bio or Monitor must inspect netting monthly during operation.	Tetra Tech	monthly	Monthly		
	x		BIO-22	Submit a draft Management Plan for the drainages on the acquired compensation lands.	Tetra Tech / Fluor	< 180d after acquisition			
	x	x	BIO-22	Provide a copy of Condition of Certification BIO-22 to allr on-site personnel (detailing Stop Work Authorities).	Tetra Tech / Fluor	Ongoing			
x			BIO-22	Notify agencies prior to disturbance and completion of work in jurisdictional waters.	Tetra Tech / Fluor	> 5d pt construction-related gd in state waters	27-Dec-10	6-Jan-11	Approved 1/11/2011
		x	BIO-22	Include a discussion of work in waters of the state in Annual Compliance Reports.	Tetra Tech / Fluor	Annually	Annual		
	x		BIO-22	Include a discussion of work in waters of the state in Monthly Compliance Reports.	Tetra Tech / Fluor	Monthly	Monthly		
		x	BIO-22	Submit a final accounting of disturbance to jurisdictional waters during construction.	Tetra Tech / Fluor	< 90d after start of operation	29-Jul-13		
	x		BIO-22	Transfer fee title or submit a conservation easement for compensation lands.	Tetra Tech / Fluor				
x			BIO-22	Provide verification of Security 30d pt CR gd.	NextEra	> 30d pt construction-related gd	3-Dec-10		1/4/2011

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x	x	BIO-22	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.	Fluor	Ongoing			
x			BIO-22	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that BMPs shall be implemented.	Tetra Tech / Fluor	> 30d pt construction-related gd in state waters	28-Dec-10	6-Jan-11	Approved 1/12/2011
		x	BIO-22	Submit a report of monitoring and management of compensation lands.	Tetra Tech	Jan-31 Annually			
	x		BIO-22	Submit verification of acquisition.	Tetra Tech / Fluor	< 18m after start of construction	16-Nov-12		
		x	BIO-22	Include a copy of the notifying change of conditions report in the annual reports.	Tetra Tech / Fluor	Annually			
x	x		BIO-22	Notify agencies of any change of conditions to the Project (site conditions, impacts, mitigation).	Tetra Tech / Fluor	< 7d upon discovery			
		x	BIO-22	Include a copy of the notifying change of conditions report in the annual reports.	Tetra Tech / Fluor	Annually			
x			BIO-23	Post security for Decommissioning and Closure Plan.	NextEra	> 10d pt construction-related gd	23-Dec-10	6-Jan-11	Approved 1/11/2011
		x	BIO-23	Revise and submit Decommissioning and Closure Plan every 5yrs during operations.	Operations	every 5yrs			
		x	BIO-23	Implement a final Decommissioning and Closure Plan.	Operations	Project closure			
x			BIO-23	Submit a draft Decommissioning and Closure Plan.	Worley Parsons	> 30d pt construction-related gd	3-Dec-10	25-Aug-10	Approved 10/15/2010
	x	x	BIO-24	Submit status report of Reveg Plan yearly.	Tetra Tech	Jan-31 Annually			
	x	x	BIO-24	Implement Revegetation Plan.	Fluor	Ongoing			
x			BIO-24	Submit to the CPM a final agency-approved Revegetation Plan.	Tetra Tech	> 30d pt construction-related gd	3-Dec-10	30-Dec-10	Approved 1/11/2011
		x	BIO-24	Provide compliance documentation and status of completion of the Reveg Plan.	Tetra Tech	< 30d after construction completion	30-Jul-14		
		x	BIO-27	Conduct Spadefoot Toad surveys. Submit findings	Tetra Tech	Oct-10	30-Oct-10	25-Oct-10	
		x	BIO-27	If ponds are created, submit compliance documentation yearly.	Tetra Tech	Jan-31 Annually			
	x		BIO-27	If ponds are created, provide as-built drawings and photos.	Tetra Tech	> 90d pt operation	30-Jan-13		
x			BIO-27	Submit a final CST Protection and Mitigation Plan.	Tetra Tech	> 30d pt construction-related gd	3-Dec-10	11-Jan-11	Approved 1/11/2011

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x	x	BIO-27	Implement a CST Protection and Mitigation Plan.	Tetra Tech	Ongoing			
	x		BIO-28	If a nest is found, notify agencies submit final Golden Eagle Monitoring and Management Plan.	Tetra Tech	< 30d after detection		23-Jun-11	Approved 6/30/2011
	x		BIO-28	Survey for golden eagle annually during construction.	Tetra Tech	Annually			
	x		BIO-28	Submit results of eagle inventory.	Tetra Tech	< 30d of survey completion			
x			BIO-29	Notify CEC if an in-lieu fee is preferred for bio mitigation.	NextEra	pt construction-related gd	2-Jan-11		
x			CUL-1	Submit notice of fund transfer.	NextEra	< 10d of transfer		27-Sep-10	Approved 10/15/10
x			CUL-1	Contribute funds for the PTNCL Documentation and Possible NRHP Nomination program.	NextEra	upon receipt of invoice		27-Sep-10	Approved 10/15/10
x			CUL-2	Submit notice of fund transfer.	NextEra	< 10d of transfer		27-Sep-10	Approved 10/15/10
x			CUL-2	Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCL)	NextEra	upon receipt of invoice		27-Sep-10	Approved 10/15/10
x			CUL-3	Assign a cultural resource specialist (CRS).	Tetra Tech	pt site mobilization	14-Dec-10	26-Aug-10	Approved 10/18/10
x	x		CUL-3	Submit resume of CRS replacement (if necessary).	Tetra Tech	10d pt CRS departure			
x			CUL-3	Obtain services of a specialist backhoe operator during excavation of CA-Riv-9072	Tetra Tech				
x	x		CUL-3	CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities.	Tetra Tech	Ongoing			
x			CUL-3	Submit resumes for a CRS, alternate CRS (optional), prehistoric archaeologist, ethnographer, historical archaeologist, project geoarchaeologist.	Tetra Tech	> 75d pt gd	19-Oct-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)
x	x		CUL-3	Submit letter with names and quals of <i>additional</i> CR Monitors.	Tetra Tech	5d pt arrival on site	as needed		
x	x		CUL-3	Submit confirmation of CR staff availability for CUL-8, 10, 11, 12 and 17.	Tetra Tech	10d pt data recovery	15-Nov-10		
x			CUL-3	Submit letter with names and quals of CR Monitors.	Tetra Tech	15d pt data recovery	15-Nov-10		
x			CUL-3	Submit letter with names and quals of field crew members.	Tetra Tech	15d pt data recovery	15-Nov-10		
	x		CUL-4	If phased construction schedule changes, submit notice of change.	Tetra Tech	< 5d of decision			
x	x		CUL-4	If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM.	Tetra Tech	15d pt start of each phase	18-Dec-10		Approved. Final revised approved 3/9/2011
x			CUL-4	Submit CR data and maps to CR staff and CPM.	Tetra Tech	> 60d pt gd	3-Nov-10	1-Dec-10	
x	x		CUL-4	Submit any changes in footprint.	Tetra Tech	15d pt gd	18-Dec-10	14-Mar-11	Final revised approved 3/9/2011
	x		CUL-4	Submit weekly schedule and location of activities to CRS and CPM during ground disturbance.	Tetra Tech	Weekly	3-Jan-11		
x			CUL-5	Submit information from curation facility.	Tetra Tech	> 30d pt gd	3-Dec-10	12-Nov-10	
x			CUL-5	Submit letter agreement to fund curation fees.	Tetra Tech	> 20d pt gd	13-Dec-10		on file 12/10/2010
x			CUL-5	Submit the CRMMP.	Tetra Tech	> 30d pt gd	3-Dec-10	12-Nov-10	Revised CRMP approved 5/6/2011

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		CUL-6	Submit a draft CR Report (CRR) if requesting suspension of construction (if necessary). Retain a copy of the draft CRR onsite.	Tetra Tech	> 30d after request to suspend construction			
	x		CUL-6	Submit documentation of CRR distribution to parties.	Tetra Tech	< 10d of CRR approval			
		x	CUL-6	Submit the final CRR.	Tetra Tech	< 180d after completion of gd	28-Dec-14		
x			CUL-7	CRS to submit training program.	Tetra Tech	> 30d pt gd	3-Dec-10		Revised 1/13/2011, 6/17/2011, and 7/15/2011
x			CUL-7	CRS to submit WEAP training acknowledgement form.	Tetra Tech	> 15d pt gd	18-Dec-10		
	x		CUL-7	Submit all new WEAP acknowledgement forms and a runny tally of trained employees in monthly compliance report.	Tetra Tech / Fluor	Monthly	Monthly		
	x		CUL-7	Conduct WEAP training for all new workers prior to and during gd (including landscaping)	Tetra Tech / Fluor	Ongoing			
	x		CUL-8	Geoarchaeologist to observe and sample all trenching of Tline as part of PTCNL documentation and possible NRHP nomination program (CUL-1).	Tetra Tech	daily			
x	x		CUL-8	Submit statement daily during gd if "no cultural resources over 50 years of age were discovered".	Tetra Tech	daily	3-Jan-11		
	x		CUL-8	Submit a summary report of CR-related monitoring and any new DPR 523A forms as part of the monthly compliance report.	Tetra Tech	Monthly	Monthly		
	x		CUL-8	Submit justification for reduction or cessation of CRS daily reporting.	Tetra Tech	< 24hrs pt change of reporting			
	x		CUL-8	CR Staff to monitor and maintain daily log on provided forms for all gd activity until the Qoaf alluvium is reached. (including roads)	Tetra Tech	daily			
	x		CUL-8	Include report of any NCRs in monthly compliance report.	Tetra Tech	Monthly			
	x		CUL-8	Notify CPM of NCRs w/in 24 hrs, recommend corrective action.	Tetra Tech	< 24hr of discovery			
x	x		CUL-8	Submit a copy of any Native American employment request and a copy of a response letter.	Tetra Tech	< 15d of receipt		14-Mar-11	Approved 6/23/2011
x			CUL-8	CPM to provide CRS with daily monitoring form.	Tetra Tech	> 30d pt gd	3-Dec-10	26-Nov-10	
x	x		CUL-8	Submit documentation of transmittals to Native American representatives following discovery of cultural material.	Tetra Tech	< 30d upon discovery			
x	x		CUL-8	Submit "discovery" responses from tribes.	Tetra Tech	< 15d of receipt			
x			CUL-9	Submit confirmation that CRS and CR staff have stop-work authority and notification requirements.	Tetra Tech	> 30d pt gd	3-Dec-10		Approved 12/31/2010
x	x		CUL-9	If cultural material is found, notify agencies (<24 hrs), Tribes (48hrs, as appropriate); submit a DPR 523 form; treat find in accordance with CRMMP.	Tetra Tech	< 24hr of discovery			
	x		CUL-10	Implement CRMMP when within 30meters of these sites.	Tetra Tech	Ongoing			
x			CUL-10	Notify CPM that data recovery for small site has begun.	Tetra Tech	> 15d pt data recovery	15-Nov-10		
x			CUL-10	Notify CPM when data recovery is complete.	Tetra Tech	< 1w of data recovery completion		24-May-11	Approved 8/18/2011
	x		CUL-11	Submit letter report of data recovery.	Tetra Tech	< 1w of data recovery completion			
	x	x	CUL-11	Submit to CPM any draft research paper to be presented at a professional organization.	Tetra Tech	> 15d pt presentation			
x			CUL-11	Notify CPM of recovery at large sites.	Tetra Tech	> 45d pt gd at site	19-Nov-10	10-May-11	Approved 8/18/2011
	x		CUL-12	Notify CMP of collection at CA-Riv-9072 is complete and PRIOR to CR gd in that location.	Tetra Tech	< 7d pt gd at site			Approved 8/15/2011
x			CUL-12	Notify CPM that collection at CA-Riv-9072 will commence.	Tetra Tech	> 15d pt data recovery	15-Nov-10		Approved 8/15/2011

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
x			CUL-12	Submit a preliminary letter report detailing finds at CA-Riv-9072. Can be included with report for CUL-11.	Tetra Tech				Approved 3/28/2011
x	x		CUL-13	CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072: avoid impacts to these sites.	Fluor	pt gd within 30m of site			
x	x		CUL-13	Flag buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072.	Fluor	pt gd at site	2-Jan-11		Approved 8/22/2011
x	x		CUL-13	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.	Fluor	Monthly	2-Jan-11		
			CUL-16	Submit results of NA consultation					Approved 9/9/2011: Consultation reinitiated with tribes as part of find in 11/2011
			CUL-17	Include in CRMMP a data recovery plan for the historic-period archaeological resources					See approval of letter report
			CUL-17	Submit to CPM letter report that data recovery is complete					Approved February 14, 2011
			CUL-17	Implement CRMMP when within 30meters of these sites.					Complete
			CUL-17	Notify CPM that historic-period site mapping and in-field artifact analysis will commence					Complete
	x		CUL-18	Comply with BLM Programmatic Agreement.	Tetra Tech	Ongoing			A standing agreement
	x	x	HAZ-1	Do not use hazmats not listed, or in quantities listed in App A.	Fluor / Operations	Ongoing			
		x	HAZ-1	Submit a list of haz mats contained at the facility in the Annual Compliance Report.	Fluor / Operations	Annually			
	x		HAZ-2	Submit a final Hazardous Materials Business Plan.	Fluor	> 60d pt receipt of hazmat			Anticipated receipt in June, 2012
	x		HAZ-2	Submit a final Spill Prevention, Control, and Countermeasure Plan.	Fluor	> 60d pt receipt of hazmat			Approved in February, 2012, plan on file
	x		HAZ-2	Submit a final Process Safety Management Plan.	Fluor	> 60d pt receipt of hazmat			Anticipated receipt in June, 2012
	x		HAZ-3	Submit a Safety Management Plan.	Fluor	> 60d pt receipt of hazmat			Anticipated receipt in June, 2012
	x	x	HAZ-3	Implement Safety Management Plan.	Fluor / Operations	Ongoing			
	x		HAZ-4	Submit design drawings showing the number, location, and type of HTF isolation valves.	Fluor	> 30d pt const. of solar array	25-Jun-11		
	x		HAZ-5	Submit a Construction Security Plan Verification. - PHASE II	Fluor	> 30d pt construction	26-Apr-11		
x			HAZ-5	Submit a Construction Security Plan Verification. - PHASE I	Fluor	> 30d pt construction	3-Dec-10	2-Dec-10	Approved 12/10/2010
		x	HAZ-6	Submit statement confirming all employee background checks are complete and appended to Security Plan as part of the Annual Compliance Report.	Fluor / Operations	Annually			
	x		HAZ-6	Submit a Operations Site Security Plan.	Fluor	> 30d pt receipt of hazmat			
		x	HAZ-6	Submit verification Security Plan includes all current hazmat transport vendor certifications as part of the Annual Compliance Report.	Fluor / Operations	Annually			
	x		Public Health-1	Submit a Cooling Water Management Plan.	Fluor	> 60d pt cooling tower operation			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
x			NOISE-1	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	18-Dec-10		
	x	x	NOISE-1	Maintain telephone number for noise complaints until facility is operational for one year.	Fluor / Operations	1yr			1/14/2011
	x		NOISE-1	Post telephone number for noise complaints at the site during construction, visible to passersby.	Fluor	Ongoing			
x			NOISE-1	Submit statement and documentation of compliance to CPM.	Fluor	pt gd	2-Jan-11		
	x	x	NOISE-2	Document, investigate, evaluate, and attempt to resolve all project-related noise complaints.	Fluor / Operations	Ongoing			
	x	x	NOISE-2	Contact individual making complaint.	Fluor / Operations	< 24hr of receipt			
	x	x	NOISE-2	Submit the Noise Complaint Resolution Form.	Fluor / Operations	< 5d of receipt			
	x	x	NOISE-3	Make the Program available to OSHA upon request.	Fluor / Operations	Ongoing			
x			NOISE-3	Submit a Noise Control Program and a statement of commitment.	Fluor	> 30d pt gd	3-Dec-10	30-Nov-10	12/17/2010
		x	NOISE-4	Submit report of survey findings.	Operations	< 30d after test			
		x	NOISE-4	Make the report available to OSHA and Cal/OSHA upon request.	Operations	Ongoing			
		x	NOISE-4	Conduct an occupational noise survey.	Operations	following first sustained output of 90%			
x			Soil & Water-1	Submit final Drainage Erosion and Sedimentation Control Plan. PHASE I	Fluor	> 30d pt site mobilization	22-Dec-10		Approved 8/22/2011
x			Soil & Water-1	Submit final Drainage Erosion and Sedimentation Control Plan. Phase II	Fluor	> 30d pt site mobilization	31-Mar-11		Approved 8/23/2011
x	x		Soil & Water-1	Submit compliance documentation in the Monthly Compliance Report.	Fluor	Monthly			
		x	Soil & Water-1	Submit results of monitoring and maintenance activities in Annual Compliance Report.	Fluor / Operations	Annually			
	x	x	Soil & Water-1	Update and maintain the DESCP for the life of the Project.	Fluor / Operations	Ongoing			
		x	Soil & Water-2	Submit documentation of mitigation to well owners.	Worley Parsons	< 60d after start of operation	29-Jun-13		
x	x		Soil & Water-2	Map groundwater levels within the CVGB within 10 miles of the site. Update trend plots and statistical analyses, as data is available.	Worley Parsons	Ongoing			
		x	Soil & Water-2	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			
	x	x	Soil & Water-2	Submit documentation of monetary compensation to well owners.	NextEra	< 30d of payment			
	x	x	Soil & Water-2	If GW levels are lowered >5ft due to Project pumping, provide compensation or mitigation to well owners.	NextEra	Ongoing			
	x	x	Soil & Water-2	Monitor quarterly operational parameters (i.e., pumping rate) of the water supply wells.	Worley Parsons	quarterly			
		x	Soil & Water-2	Submit a 5 year monitoring report.	Operations	5ys after start of operation			
x			Soil & Water-2	Send notices to all owners and conduct a well reconnaissance within 2 miles of the project.	Worley Parsons				

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x	x	Soil & Water-2	Fourth quarterly report serves as annual report. Include trend analysis. Determine where pumping has caused drawdown >5ft below baseline.	Worley Parsons / Operations	Jan-31 Annually			
	x	x	Soil & Water-2	If required, compensate landowners by March 31.	NextEra	Mar-31 Annually			
	x		Soil & Water-2	Notify owners within one month of CPM approving compensation analysis.	Worley Parsons	< 1m CPM approval of comp. analysis			
	x	x	Soil & Water-2	If GW levels are lowered and pumps exposed, reimburse well owner to lower pumps. If pumps cannot be lowered, deepen the well(s) or construct new ones.	NextEra	Ongoing			
	x	x	Soil & Water-2	Collect water level measurements semi-annually after the first year.	Worley Parsons / Operations	semi-annually after first yr of monitoring			
x	x	x	Soil & Water-2	Submit monitoring reports, complaints, studies and data.	Worley Parsons / Operations	< 10d of receipt			
x			Soil & Water-2	Monitor wells, seeps and springs to establish preconstruction conditions.	Worley Parsons		14-Nov-10		
x			Soil & Water-2	Submit report of all pre-construction items, including calculations and assumptions.	Worley Parsons	> 30d pt construction	3-Dec-10		
		x	Soil & Water-2	CPM to evaluate GW level monitoring program for necessity or modification every 5 years.	CPM	5yrs			Approved 12/21/2010
x			Soil & Water-2	Submit a Groundwater Level Monitoring and Reporting Plan to the CPM for review and approval.	Worley Parsons	> 30d pt construction	3-Dec-10	3-Dec-10	Approved 12/21/2010
	x		Soil & Water-3	Notify all owners of the impacted wells within one month of the CPM approval of the compensation analysis for increase energy costs.	Worley Parsons	< 1m CPM approval of comp. analysis			
	x		Soil & Water-3	Submit all calculations, calculation agreement letters signed by the well owners, and contact information for landowners that do not agree with calculations.	Worley Parsons	Ongoing			
	x		Soil & Water-3	Submit all documentation and calculations r.e. compensation for energy costs associated with additional lift requirements.	Worley Parsons	< 30d after approval			
	x	x	Soil & Water-3	Provide compensation by March 31 of each year. (one time for lump sum payments).	NextEra	Mar-31 Annually			
	x	x	Soil & Water-3	Submit a report of compensation provided for increased energy costs.	NextEra	< 30d of payment			
	x	x	Soil & Water-4	Submit to CPM two copies of all operational reports required by the County of Riverside and any changes to operations of well.	Operations	Ongoing			
x	x		Soil & Water-4	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	26-Apr-11		Approved 8/15/2011
	x		Soil & Water-4	Submit documentation that drilling was conducted in compliance with 23 CCR, sections 2510 et seq.	Fluor	< 15d after GW well completion	16-Jun-11		
	x		Soil & Water-4	Submit two copies of any proposed well permit changes.	Fluor	< 10d of submittal or receipt			
	x		Soil & Water-4	Submit a Well Completion Report. Concurrently, submit a copy of well drilling logs, water quality analyses, and any inspection reports.	Fluor	< 60d after GW well constuction	30-Jul-11	5-Nov-11	Approved 1/27/2012
x	x		Soil & Water-4	Submit to CPM a copy of the water well construction packet submitted to the County of Riverside.	Fluor	> 60d pt construction of GW well	1-Mar-11		Approved 8/16/2011
	x		Soil & Water-5	Submit a semi-annual report of construction water use.	Fluor	semi-annually			
	x	x	Soil & Water-5	Submit an annual report of water usage (g/month and total).	Fluor / Operations	Annually			
	x		Soil & Water-5	GW use during construction must not exceed an annual average of 1,368 afy.	Fluor	Ongoing			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
		x	Soil & Water-5	GW use during operations must not exceed 202 afy	Operations	Ongoing			
x			Soil & Water-5	Install and maintain metering devices as part of the water supply and distribution system (gpd and total). Submit compliance documentation.	Fluor	> 30d pt construction	3-Dec-10	9-Feb-11	Approved 2/25/2011
	x	x	Soil & Water-6	Submit compliance documentation for the WDRs in Appendices B, C, and D.	Fluor / Operations	< 60d pt waste discharge	2-Apr-11		
	x	x	Soil & Water-6	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.	Fluor / Operations	pt initiating changes			
	x	x	Soil & Water-6	Submit annual waste discharge permit fee associated with this facility to the Water Boards	NextEra				
	x	x	Soil & Water-6	Submit all monitoring reports required by the WDRs and details of any nonconformance.	Fluor / Operations	Ongoing			
		x	Soil & Water-7	Comply with County and State reqs for sanitary waste disposal facilities.	Operations	Ongoing			
	x		Soil & Water-7	Submit engineering report on the septic system and leach field design, operation, maintenance, and loading impact to groundwater to County. Submit County's assessment of compliance.	Fluor	> 30d pt start of operations	31-Mar-13		
x			Soil & Water-8	Submit a Revised Project Drainage Report with the 30 percent Grading and Drainage Plans.	Fluor	> 60d pt site mobilization (plant)	1-Mar-11		8/22/2011
	x		Soil & Water-9	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)	1-Mar-11		8/22/2011
	x		Soil & Water-10	Submit two copies of the 30 percent channel design drawings.	Fluor	> 60d pt site mobilization (plant)	1-Mar-11		8/22/2011
	x		Soil & Water-11	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)	1-Mar-11		8/22/2011
	x		Soil & Water-12	Obtain a permit to operate a non-transient, non-community water system with the County.	Fluor	> 60d pt operation	1-Mar-13		
		x	Soil & Water-12	Designate a CA Cert'd Water Treatment Plant Operator as well as the technical, managerial and financial requirements as prescribed by State law.	Operations				
		x	Soil & Water-12	Submit updates annually for all monitoring requirements and submittals to County related to the permit, and proof of annual renewal of the operating permit.	Operations	Annually			
	x	x	Soil & Water-13	Supervise the implementation of a Channel Maintenance Program.	Fluor / Operations	Ongoing			
	x		Soil & Water-13	Ensure the Project Construction Manager receive training on the Channel Maintenance Program.	Fluor	Ongoing			
	x		Soil & Water-13	Submit two copies a Channel Maintenance Program.	Fluor	> 60d pt start of project related activity	27-Mar-11		Pending
		x	Soil & Water-13	Submit a Channel Maintenance Program Annual Report, Channel Maintenance Work Plan, and Lessons Learned with the Annual Compliance Report.	Fluor / Operations	Annually			
x			Soil & Water-13	Submit written commitment to adopt and implement the Program.	Fluor				
x			Soil & Water-14	Submit Decommissioning Plans.	Worley Parsons	> 60d pt site mobilization	15-Oct-10	22-Oct-10	Approved 10/29/10
		x	Soil & Water-14	Submit amended Decommissioning Plans should the decommissioning scenario change in the future.	Operations	Ongoing			
	x	x	Soil & Water-15	Implement Water Supply Plan mitigation measures.	Jeff Harvey	Ongoing			

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x			Soil & Water-15	Submit a Water Supply Plan.	Jeff Harvey	> 30d pt GW extraction for const.	14-Nov-10	3-Dec-10	Approved 5/3/2011
		x	Soil & Water-16	File an annual "Notice of Extraction and Diversion of Water" with the SWRCB. Include a copy of the Notice in the Annual Compliance Report.	Fluor / Operations	Annually			
x			Soil & Water-17	Submit the Ground Subsidence Monitoring and Action Plan.	Worley Parsons	> 30d pt GW extraction for const.	14-Nov-10	8-Dec-10	Approved 12/23/2010 (ph. 1)
	x		Soil & Water-17	Submit quarterly reports presenting data and comparison to thresholds beginning 3 months following GW production.	Worley Parsons	quarterly 3m after GW production			
			Soil & Water-17	Construct one monument monitoring station per production well or a minimum of three stations.	Worley Parsons				
		x	Soil & Water-17	Submit a 5-yr monitoring report summarizing findings to date.	Operations	5yrs after GW production			
x			Soil & Water-17	Submit a Subsidence Monitoring Plan (SMP), including all calculations and assumptions.	Worley Parsons	> 30d pt construction	3-Dec-10		
x			Soil & Water-19	Submit a report detailing results of the PVMGB underflow depletion modeling effort.	Worley Parsons	< 30d pt site mobilization	14-Nov-10	15-Nov-10	Approved 7/14/2011
x			Soil & Water-20	Submit a Groundwater Quality Monitoring and Reporting Plan > 6 weeks pt start of construction.	Worley Parsons	> 45d pt construction	18-Nov-10	3-Dec-10	Approved 1/13/2011
	x	x	Soil & Water-20	Monitor GW quality and levels semi-annually and submit data semi-annually.	Worley Parsons	semi-annually			
x			Soil & Water-20	Submit a Well Monitoring Installation and Groundwater Quality Network Report.	Worley Parsons	> 30d pt construction	3-Dec-10		
x			Soil & Water-20	Commence groundwater quality monitoring prior to construction.	Worley Parsons	pt construction	5-Nov-10		
x			Soil & Water-20	Submit GW quality and level monitoring data.	Worley Parsons	> 30d pt GW extraction for const.	3-Dec-10		
x			TRANS-1	Submit copies of comment letters received from County and Caltrans and any associated changes to Traffic Plan.	Fluor	> 30d pt construction	3-Dec-10		
x			TRANS-1	Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County.	Fluor	> 60d pt gd	4-Nov-10	23-Nov-10	Approved 8/15/2011
x	x		TRANS-2	Retain copies of transportation permits and supporting documentation on-site for inspection if requested.	Fluor				
x			TRANS-2	Obtain necessary overweight/oversized and other transportation permits required by Caltrans and the County. Report receipt of permits in Monthly Report.	Fluor	pt site mobilization	14-Dec-10		
x	x		TRANS-3	Obtain necessary encroachment permits from Caltrans and all relevant jurisdictions. Report receipt of permits in Monthly Report.	Fluor	pt gd	2-Jan-11		
		x	TRANS-3	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	1-Jul-13		
		x	TRANS-4	Retain copies of hazardous material transport permits onsite for inspection.	Operations	> 6m after start of operation	1-Jul-13		
x	x		TRANS-4	Obtain necessary hazardous material transport permits from Caltrans and all relevant jurisdictions. Report receipt in Monthly Report.	Fluor	pt gd	2-Jan-11		
x			TRANS-5	Submit photographs or video of all affected public roads, easements and ROWs.	Fluor	> 30d pt site mobilization	14-Nov-10		Approved 1/19/2011
x			TRANS-5	Notify the County and Caltrans of schedule for construction.	Fluor	pt site mobilization	14-Dec-10		
	x	x	TRANS-5	Restore all public roads, easements, and rights-of-way damaged due to project-related construction activities.	Fluor	Ongoing			
		x	TRANS-5	Submit letter of ROW repair completion, including concurrence from Caltrans or the County.	Fluor				

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
		x	TRANS-5	Meet with CPM, Caltrans and the County to identify sections of public ROW needing repair < 60d after construction. Establish a schedule for repairs.	Fluor	< 60d after construction completion	29-Aug-14		
	x		TLSN-1	Construct Tline in accordance with CA PUC's req's, California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	Fluor	Ongoing			
	x		TLSN-1	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	24-Jun-12		
	x	x	TLSN-2	Measure strengths of EMF before energization according to (ANSI/IEEE) standard procedures. Submit measurement report.	Operations	< 60d of test			
		x	TLSN-2	Measure strengths of EMF after energization according to (ANSI/IEEE) standard procedures < 6months of start of operations.	Operations	< 60d of test			
		x	TLSN-3	Submit summary of inspection results and fire prevention activities in the Annual Compliance Report for the first 5 years of operation.	Operations	5yrs Annually			
		x	TLSN-3	Maintain Tline ROW free of combustible material.	Operations	Ongoing			
	x		TLSN-4	Submit compliance documentation.	Fluor	> 30d pt energization	2-Dec-12		
	x		TLSN-4	Ensure all permanent metallic objects within the Tline ROW are grounded.	Fluor	Ongoing			
x	x		VIS-1	Submit a Surface Treatment Plan.	Fluor	> 30d pt ordering	15-Mar-11		Approved 8/12/2011
	x	x	VIS-1	Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion.	Fluor	upon completion of installation			
		x	VIS-1	Include a status report regarding surface maintenance in the Annual Compliance Report.	Operations	Annually			
	x		VIS-2	Submit a Lighting Mitigation Plan.	Fluor	> 60d pt ordering permanent lighting			Approved 7/22/2011
	x	x	VIS-2	Notify CPM of lighting complaint resolution/implementation.	Fluor	< 48hr of resolution			
	x		VIS-2	Notify CPM that permanent lighting is installed and ready for inspection.	Fluor	pt operation	30-Apr-13		
	x		VIS-2	If after inspection lighting modifications are needed, notify CPM that modifications are complete.	Fluor	< 30d after notification			
	x	x	VIS-2	Submit any received lighting complaints. Include proposal to resolve and schedule.	Fluor	< 48hr of complaint receipt			
	x	x	VIS-2	Submit a copy of complaint resolution report.	Fluor	< 30d of resolution			
	x		VIS-2	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	Fluor	> 90d pt ordering permanent lighting			
	x		VIS-2	Consult with CPM regarding documentation required in the Lighting Mitigation Plan.	Fluor	> 30d pt ordering temp lighting			
			VIS-3	DELETED					
	x		VIS-4	Construct perimeter chain link using dark or earth-toned opaque privacy slats of a minimum 8 feet in height.	Fluor	Ongoing			
	x	x	VIS-4	Submit copy of complaint glare resolution form.	Fluor / Operations	< 30d of receipt			
	x	x	VIS-4	Submit any glare complaints, including resolution and schedule.	Fluor / Operations	< 48hr of complaint receipt			
	x	x	VIS-4	Notify CPM resolution/implementation for glare complaints.	Fluor / Operations	< 48hr of resolution			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		VIS-4	Submit a fencing plan describing mitigation for off-site glare.	Fluor	> 90d pt fence construction	26-Feb-11	28-Oct-11	Approved 2/9/2012
	x		VIS-5	Submit a revegetation plan for the staging area.	Fluor	> 60d pt operation	2-Mar-13		Approved 1/14/2011
x			VIS-5	Meet with CPM to discuss how staging area site plan will minimize visibility from rest area.	Fluor	> 90d pt construction	4-Oct-10	12-Oct-10	Done 1/17/2011
x			VIS-6	Meet with the CPM to discuss incorporation of visual contrast reduction into the design plans.	Fluor	> 90d pt construction	25-Feb-11	12-Oct-10	Approved 10/25/10
	x		WASTE-1	If contaminated soil is found during construction, consult with Department of Toxic Substances Control, assess and remediate contamination in consultation with DTSC and with approval from CPM.	Fluor	Ongoing			
x			WASTE-2	Submit resume for a PE or PG.	NextEra	> 30d pt site mobilization	14-Nov-10	4-Nov-10	Approved 11/30/2010
	x		WASTE-3	If potential contamination results in stop-work call by PE or PG, notify CPM within 24hrs.	Fluor	< 24hr after stop work			
	x		WASTE-3	If potential contamination is identified, the PE or PG must inspect and submit report to agencies any need for sampling/remediation.	Fluor	< 5d of receipt			
x			WASTE-4	Submit a Construction Waste Management Plan. - PHASE I	Fluor	> 30d pt construction	3-Dec-10	2-Dec-10	Approved 12/15/2010
	x		WASTE-4	Submit a Construction Waste Management Plan. PHASE II	Fluor	> 30d pt construction	26-Apr-11		Approved 12/15/2010
x			WASTE-5	Submit a UXO Identification, Training and Reporting Plan.	Tetra Tech	> 30d pt construction	3-Dec-10	2-Dec-10	
	x	x	WASTE-6	Submit documentation of any new or revised hazardous waste generation notifications in the following Monthly Compliance Report.	Fluor	Monthly	Monthly		
x	x	x	WASTE-6	Obtain a hazardous waste generator identification number from USEPA prior to generating any hazardous waste. Retain a copy onsite.	Fluor	pt generating haz waste	3-Jan-11		
	x	x	WASTE-7	Notify CPM of an impending waste-management enforcement action and owners response/resolution.	Fluor	< 10d of notification from authorities			
			WASTE-8	DELETED					
		x	WASTE-9	Submit actual volume of waste generated and management methods used in each Annual Compliance Report.	Fluor / Operations	Annually			
	x		WASTE-9	Submit the Operation Waste Management Plan.	Fluor	> 30d pt operation	31-Mar-13		
	x		WASTE-9	Submit any required revisions of Ops Waste Plan.	Fluor	< 20d of notification from CPM			
		x	WASTE-9	Update Operations Waste Management Plan as necessary.	Operations	Ongoing			
	x	x	WASTE-11	Submit release/spill documentation . If the release was reported, include agency communication.	Fluor / Operations	< 30d of release date			
		x	WASTE-10	Document all HTF releases. If > 42 gallons, notify agencies and provide analysis of results in accordance with WASTE-10.	Operations	< 28d of release date			
	x	x	WASTE-11	Document, clean up, and dispose of hazmat released > EPA's reportable quantities in accordance with federal, state, and local requirements.	Fluor / Operations	Ongoing			
x			Worker Safety-1	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	pt CPM submittal	3-Dec-10		Approved 1/14/2011
x			Worker Safety-1	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	3-Dec-10		Approved 1/14/2011

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		Worker Safety-2	Submit a Project Operations and Maintenance Safety and Health Program to include: Injury and Illness Prevention Plan; Operation Heat Stress Protection Plan; BMPs for the storage and application of herbicides; Emergency Action Plan; Hazardous Materials Management Program; Fire Prevention Plan; and Personal Protective Equipment Program.	Fluor	> 30d pt first fire or commissioning	31-Mar-13	3-Feb-12	Partial approval (Fire Protect. Plan) on 2/23/2012
	x		Worker Safety-2	Submit The Fire Prevention Plan and the Emergency Action Plan to Riverside County Fire Department for review and comment.	Fluor	pt CPM submittal			
x			Worker Safety-3	Submit name and contact information for the Construction Safety Supervisor (CSS).	Fluor	> 30d pt site mobilization	14-Nov-10	16-Nov-10	Approved 4/15/2011
x	x		Worker Safety-4	CSS to include compliance documentation in Monthly Compliance Report.	Fluor	Monthly			
x			Worker Safety-4	Submit verification of agreement with CBO for a Safety Monitor to CPM.	NextEra	> 60d pt construction	3-Nov-10	3-Nov-10	Approved 1/14/2011
x			Worker Safety-4	Post payment to CBO for a Safety Monitor.	NextEra	TBD w CBO	1-Dec-10		
	x	x	Worker Safety-5	Install a portable automatic external defibrillator (AED) on site during construction and operations.	Fluor / Operations	Ongoing			
x	x	x	Worker Safety-5	Conduct AED training program in accordance with CPM-approved program.	Fluor / Operations				Done 1/14/2011
x			Worker Safety-5	Submit verification that AED exists onsite and the training and maintenance program.	Fluor	> 60d pt site mobilization	15-Oct-10	3-Nov-10	Approved 1/14/2011
	x		Worker Safety-6	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)	1-Mar-11		Approved 7/15/2011
	x		Worker Safety-6	Submit revised and final plans for second access gate. Include letter or statement regarding comments from RCFD.	Fluor	> 30d pt site mobilization (plant)	31-Mar-11		Approved 7/15/2011
	x		Worker Safety-6	Submit verification that all-terrain fire engines have been delivered and acceptable to RCFD. (see text for alternative measures requirements)	Fluor	> 180d pt receipt of HTF			Agreement to satisfy WS-6 reached on 2/28/2012, verification of delivery pending
x			Worker Safety-7	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	14-Nov-10		document on file as of 8/8/2011
		x	Worker Safety-7	(if opted), provide letter of credit to RCFD annually.	NextEra	Annually			
x			Worker Safety-8	Submit Dust Control Plan.	Fluor w/ Tt support	> 60d pt site mobilization	15-Oct-10	1-Nov-10	Approved 1/13/2011
		x	Worker Safety-9	Include joint exercise training documentation with the RCFD and other solar plants in the annual compliance report.	Operations	Annually			
	x		Worker Safety-9	Submit verification that a joint training program with the RCFD is established.	Operations	> 10d pt commissioning	20-Apr-13		
		x	Worker Safety-9	Host the annual training on a rotating yearly basis with the other solar power plants.	Operations	Rotate annually			
	x		GEN-1	Provide the CPM a copy of the certificate of occupancy (CO).	Fluor	< 30d of receipt			
	x		GEN-1	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.	Fluor	> 30d pt activity			
	x		GEN-1	Submit a statement that all facility designs, construction, installation, and inspection requirements of the LORS and CEC's decision have been met.	Fluor	< 30d after receipt of CO			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
x	x		GEN-2	Include updated schedule of facility design submittals, and master drawing and master specifications in the Monthly Compliance Report.	Fluor	Monthly	4-Dec-10		
x			GEN-2	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	3-Nov-10	17-Nov-10	Approved 12/18/2010
x	x	x	GEN-3	Submit payments to the CBO in accordance with the agreement between the project owner and the CBO.	NextEra				
x	x	x	GEN-3	Submit a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	NextEra	< 30d Monthly	1-Dec-10		
x			GEN-4	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	3-Dec-10		
x			GEN-4	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s).	Fluor	< 5d of approval	8-Dec-10	14-Jan-11	Approved 1/14/2011
x			GEN-5	Submit resume of the soils (geotechnical) engineer.	Fluor	> 30d pt grading	3-Dec-10		
x			GEN-5	Notify CPM of CBO approval of soils (geotechnical) engineer.	Fluor	< 5d of approval	8-Dec-10		
x			GEN-5	Submit resume of the civil engineer.	Fluor	> 30d pt grading	3-Dec-10	7-Jan-11	Approved 1/21/2011
x			GEN-5	Submit resume of the mechanical engineer .	Fluor	> 30d pt construction	3-Dec-10		
x			GEN-5	Submit resume of the engineering geologist.	Fluor	> 30d pt grading	3-Dec-10		
x			GEN-5	Notify CPM of CBO approval of civil eng assignment.	Fluor	< 5d of approval	8-Dec-10		
x			GEN-5	Notify CPM of CBO approval of mech eng assignment.	Fluor	< 5d of approval	8-Dec-10		
x			GEN-5	Notify CPM of CBO approval of eng. geologist assignment.	Fluor	< 5d of approval	8-Dec-10		
	x		GEN-6	Include a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	Fluor	Monthly			
	x		GEN-6	Notify the CPM of the CBO's approval of replacement inspector.	Fluor	< 5d of approval			
	x		GEN-6	If the special inspector is reassigned or replaced, submit resume of replacement to CBO.	Fluor	< 5d of replacement			
	x		GEN-6	Special inspectors submit inspection reports to the CBO and RE.	Fluor	Ongoing			
	x		GEN-6	The special inspector shall submit a final signed report to the RE, CBO, and CPM, stating compliance status.	Fluor	after construction completion	30-Jun-14		
	x		GEN-6	Submit resumes of special inspector(s).	Fluor	> 15d pt activity			
	x		GEN-7	Submit a copy of the CBO's approval of corrective action taken to resolve a discrepancy in the next monthly compliance report.	Fluor	Monthly	Monthly		
	x		GEN-7	If corrective action is not approved, advise CPM of the reason and the revised corrective action to obtain CBO's approval.	Fluor	< 5d after CBO disapproval			
	x		GEN-7	Document and recommend corrective actions for any discrepancy in design and/or construction engineering work subject to CBO approval. Submit documentation to CBO for review and approval.	Fluor	Ongoing			
	x		GEN-8	Retain one set of approved engineering plans, at the project site. Submit to the CPM a statement with location of stored documents.	Fluor				

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		GEN-8	Submit to CBO statement of work completed, in conformance with plans and ready for inspection.	Fluor	< 15d after construction completion	15-Jul-14		
	x		GEN-8	Submit a copy of statement of work completed to the CPM in the next monthly compliance report.	Fluor	< 30d after construction completion	30-Jul-14		
		x	GEN-8	Provide CBO with a full set of electronic plans.	Fluor	< 90d after construction completion	28-Sep-14		
	x		GEN-8	Notify the CPM after obtaining the CBO's final approval of work completed.	Fluor	< 15d after construction completion	15-Jul-14		
x	x		CIVIL-1	Submit to the CBO: 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	18-Dec-10		
x			CIVIL-1	Include CBO approval in following monthly compliance report.	Fluor	< 30d after approval			
	x		CIVIL-2	Submit modified plans to the CBO for review and approval based on these new conditions.	Fluor	Ongoing			
	x		CIVIL-2	Submit CBO approval of modified plans to CPM.	Fluor	< 24hr of approval			
	x		CIVIL-2	RE to stop earthwork if he/she identifies unforeseen adverse soil or geologic conditions. Notify CPM within 24 hrs.	Fluor	< 24hr of discovery			
	x		CIVIL-3	Include a list of NCRs in the following Monthly Compliance Report.	Fluor	Monthly	Monthly		
	x		CIVIL-3	Perform inspections in accordance with the 2007 CBC. Report any discrepancies immediately.	Fluor	Ongoing			
	x		CIVIL-3	RE to submit a non conformance report (NCR) < 5d of discovery. Submit details of corrective action < 5d of resolution.	Fluor	< 5d of discovery			
	x		CIVIL-4	Submit a copy of the CBO's approval of grading plans to the CPM in the next monthly compliance report.	Fluor	< 30d after approval			
	x		CIVIL-4	Submit to the CBO the final grading plans and the engineer's statement of compliance.	Fluor	< 30d completion of drainage work			
	x		STRUC-1	Submit CBO statement that proposed structural plans are approved and comply with LORS in the next monthly compliance report.	Fluor	< 30d after approval			
	x		STRUC-1	Submit to CBO final structural design plans. Submit a copy of the transmittal letter to the CPM.	Fluor	> 60d pt start of construction listed GEN-2.	27-Mar-11		
	x		STRUC-2	If a discrepancy is discovered, submit an NCR to the CBO, and a copy of the transmittal letter to the CPM.	Fluor	< 5d of NCR			
	x		STRUC-2	Submit to the CBO: 1. Concrete cylinder strength test reports 2. Concrete pour sign-off sheets; 3. Bolt torque inspection reports; 4. Field weld inspection reports; and 5. Reports of activities requiring special inspections under 2007 CBC.	Fluor				
	x		STRUC-2	Submit a copy of the CBO's approval or disapproval of the corrective action to the CPM. If not approved, advise the CPM on the reason for disapproval, and the revised corrective action.	Fluor	< 15d CBO response			
	x		STRUC-2	Submit a copy of the NCR corrective action to the CBO and the CPM.	Fluor	< 5d of resolution			
	x		STRUC-3	Notify the CBO of any intended filing of design changes, and submit revisions on a schedule suitable to the CBO.	Fluor	on a sched suitable to CBO			

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
x	x		STRUC-3	Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Fluor	< 30d of approval			
	x		STRUC-4	Submit to the CBO final design plans for tanks or vessels.	Fluor	> 30d pt installation			
x	x		STRUC-4	Include copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report.	Fluor	Monthly			
	x		STRUC-4	Include a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Fluor	< 30d following inspection			
x			STRUC-4	Design tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC to comply with the requirements of that chapter.	Fluor				
	x		MECH-1	Request CBO inspection of any such major piping or plumbing system.	Fluor				
	x		MECH-1	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Fluor	Monthly	Monthly		
	x		MECH-1	Include a copy of transmittal letter to CBO in following monthly compliance report.	Fluor	< 30d of submittal			
	x		MECH-1	Submit to the CBO the final plans and a statement from the mechanical engineer certifying compliance with applicable LORS for major piping or plumbing.	Fluor	> 30d pt installation			
	x		MECH-2	Submit code certification papers and other documents for all pressure vessels installed in the plant required by applicable LORS.	Fluor	pt operation	30-Apr-13		
	x		MECH-2	Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM.	Fluor	> 30d pt installation			
	x		MECH-2	Include CBOs inspection approval in the monthly compliance report following any inspection.	Fluor				
	x		MECH-2	Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation.	Fluor	upon installation			
	x		MECH-2	Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code.	Fluor	Ongoing			
	x		MECH-3	Upon completion of any increment of construction, request CBO's inspection and approval of that construction.	Fluor	Upon completion of increment of construction			
	x		MECH-3	Submit to the CBO the required HVAC and refrigeration plans and a statement from the mechanical engineer certifying compliance with applicable codes. Submit copy of the transmittal letter to the CPM.	Fluor	> 30d pt const of HVAC or refrig system			
	x		ELEC-1	Submit to the CBO the final plant design plans and a signed/stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.	Fluor	> 30d pt start of each increment of construction			
	x		ELEC-1	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	Fluor				

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		ELEC-1	Include in the monthly compliance report: 1. Receipt or delay of major electrical equipment; 2. Testing or energization of major electrical equipment; and 3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission decision.	Fluor	Monthly	Monthly		
	x		ELEC-1	At least 30d pt the start of each increment of electrical construction, submit to the CBO for design review and approval the listed documents.	Fluor	> 30d pt start of each increment of construction			
	x	x	ELEC-1	Retain approved final plant design plans and calculations onsite for the life of the project.	Fluor / Operations				
x			PAL-1	Submit resume of Paleo Resource Monitors.	Tetra Tech	> 20d pt gd	13-Dec-10		Approved 10/25/10
x			PAL-1	Submit resume of the Paleo Resource Specialist (PRS).	Tetra Tech	> 60d pt gd	3-Nov-10	2-Sep-10	Approved 10/25/10
x			PAL-2	Submit maps and drawings showing the footprint of the power plants, construction lay down areas, and all related facilities.	Fluor	> 30d pt gd	3-Dec-10		
x	x		PAL-2	Submit letter of any construction phase schedule changes.	Fluor	< 5d of identification			
x	x		PAL-2	If construction of the Genesis project proceeds in phases, submit maps and drawings.	Tetra Tech	pt start of each increment of construction			Not phased, done 3/16/2011
	x		PAL-2	PRS or PRM consult weekly with the superintendent or construction field manager to confirm upcoming activity locations.	Tetra Tech	until gd is completed	3-Jan-11		
x	x		PAL-2	Submit schedule of construction phases before work commences on affected power plants.	Fluor	pt start of const on affected power plants	26-May-11		
x	x		PAL-2	If the footprint of the project or its linear facilities change, provide maps and drawings reflecting those changes.	Fluor	> 15d pt gd	18-Dec-10		
	x		PAL-3	Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager and the CPM.	sub to Tt	Ongoing			
x			PAL-3	If PRS determines that paleontological materials could be impacted, PRS to submit a paleontological resources monitoring and mitigation plan (PRMMP).	Tetra Tech	> 30d pt gd	3-Dec-10	3-Dec-10	Approved 12/21/2010
	x		PAL-4	If PRS determines that paleontological materials could be impacted, conduct weekly paleo training for all personnel supervising, directing or conducting ground-disturbing activity.	sub to Tt/FI	weekly during gd	3-Jan-11		
	x		PAL-4	Submit Paleo training documentation in Monthly Compliance Report.	Tetra Tech	Monthly	Monthly		
	x		PAL-4	Submit resume of any alternative paleo trainer (if applicable).	Tetra Tech	Ongoing			
x			PAL-4	Include paleo resources in the WEAP.	Tetra Tech	> 30d pt gd	3-Dec-10		Approved 1/14/2011
x			PAL-4	Submit script and final video of paleo training.	Tetra Tech	> 30d pt gd	3-Dec-10		Approved 1/14/2011
	x		PAL-5	Include summary of paleo monitoring activities and finds in the Monthly Compliance Report.	Tetra Tech	Monthly	Monthly		
	x		PAL-5	Notify CPM of any significant paleo resource encountered.	Tetra Tech	< 24hrs upon discovery			
	x		PAL-5	Notify CPM of any noncompliance related to paleo resources.	Tetra Tech	< 24hrs upon discovery			
	x		PAL-5	Implement PRMMP, maintain daily logs. Submit for approval any change in paleo monitoring plan.	Tetra Tech	Ongoing			
		x	PAL-6	Retain copies of signed contracts with the designated PRS and other specialists; also the Paleontological Resource Report.	Tetra Tech	3yr after construction completion	1-Jul-14		

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		PAL-6	Submit copy of letter to curating institution - if fossils found.	Tetra Tech	Ongoing			
	x		PAL-6	Ensure proper implementation of curation procedures according to the PRMMP Pay fees for curation of paleo materials. Submit letter of materials transmittal to the curation facility to CPM.	Tetra Tech	Ongoing			
	x		PAL-7	Submit a Paleontological Resources Report (PRR).	Tetra Tech	< 90d after gd	28-Sep-14		
x			TSE-1	Submit the schedule, a Master Drawing List, and a Master Specifications List.	Fluor	pt construction	26-May-11		
x			TSE-1	Include TSE schedule updates in the Monthly Compliance Report.	Fluor	Monthly			
	x		TSE-2	Notify the CPM of the CBO's approval of the new engineer within five days of the approval.	Fluor	< 5d of approval			
	x		TSE-2	If an engineer is reassigned or replaced, submit resume of replacement.	Fluor	< 5d of replacement			
	x		TSE-3	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.	Fluor	< 5d of notification			
	x		TSE-3	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.	Fluor	< 15d of receipt			
	x		TSE-4	Submit to the CBO the final design plans, etc for the power plant switchyard, and outlet line and termination, include statement from the electrical engineer verifying compliance with all applicable LORS.	Fluor	pt start of each increment of construction			
	x		TSE-4	Submit a copy of the transmittal letter of final design plans to CBO in the next monthly compliance report.	Fluor	after sumittal			
	x		TSE-4	Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	Fluor				
		x	TSE-4	Retain all plans, including changes, on site for one year after completion of construction.	Fluor	1yr after construction completion	26-Jun-15		
	x		TSE-4	Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	Fluor	Monthly	Monthly		

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x		TSE-5	Submit to the CBO : a) Design drawings for the poles/towers, foundations, anchor bolts, conductors, grounding systems, and major switchyard equipment; b) design criteria, a discussion of the calculation method(s), a sample calculation based on "worst case conditions" and a statement by the engineer that the Tline element(s) will conform with specified codes and standards. c) Electrical one-line diagrams signed and sealed by the electrical engineer, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 d) The Special Protection System (SPS) sequencing and timing if applicable shall be provided concurrently to the CPM. e) A letter stating that the mitigation measures or projects selected by the transmission owners for each reliability criteria violation, for which the project is responsible, are acceptable, f) The final Phase II Interconnection Study, g) A copy of the executed LGIA signed by the California ISO and the project owner.	Fluor	pt const of Tline	24-Jul-12		
	x		TSE-6	Notify the CBO and the CPM of any impending changes that may not conform to requirements of TSE-5 and request approval to implement such changes pt to the construction of transmission facilities.	Fluor	pt const of Tline	24-Jul-12		
		x	TSE-7	Submit telephone notification to the California ISO Outage Coordination Department	Operations	> 1d pt synchronizaiton	31-Dec-12		
		x	TSE-7	Submit to the California ISO a letter stating the proposed date of synchronization.	Operations	> 7d pt synchronizaiton	25-Dec-12		
		x	TSE-7	Submit a report of conversation with the California ISO.	Operations	> 1d pt synchronizaiton	31-Dec-12		
		x	TSE-8	Submit: a) "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in responsible charge. A statement attesting to conformance with codes and standards shall be provided concurrently. b) An "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in responsible charge or acceptable alternative verification. Retain "As built" drawings at the power plant and make available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan". c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Operations	< 60d after first synchronization	2-Mar-13		
	x	x	TSE-8	In case of non-conformance of Tline construction or operation, notify CPM and CBO and describe the corrective actions to be taken.	Fluor / Operations	< 10d upon discovery			
	x	x	TSE-8	Inspect transmission line to ensure conformance with applicable codes and standards.	Fluor / Operations	Ongoing			
	x	x	COMPLIANCE-1	Provide CEC staff and delegate agencies or consultants unrestricted access to the power plant site.	NextEra				

Pre-con	GD / Const	Oper.	COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Agency Status
	x	x	COMPLIANCE-2	The project owner shall maintain project files on-site.	Operations				
	x	x	COMPLIANCE-2	Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Operations				
x	x	x	COMPLIANCE-3	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.	NextEra				
x			COMPLIANCE-4	Submit a pre-construction matrix identifying only those conditions that must be fulfilled before the start of construction,	Tetra Tech / Fluor	pt construction	14-Dec-10	5-Nov-10	12/29/2010
x			COMPLIANCE-5	Submit a compliance matrix with each monthly and annual compliance report	Tetra Tech	Monthly		4-Nov-10	
x	x		COMPLIANCE-6	Submit Monthly Compliance Reports. Include an initial list of dates for each of the events identified on the Key Events List.	Tetra Tech	Monthly	Monthly	1-Nov-10	
		x	COMPLIANCE-7	Submit Annual Compliance Reports instead of Monthly Compliance Reports.	Operations	Annually			
x	x	x	COMPLIANCE-8	Submit confidential information to CEC Executive Director with a request for confidentiality.	Fluor / NextEra	Ongoing			
x			COMPLIANCE-9	Send a letter to property owners living < 1 mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns.	NextEra	pt construction	2-Jan-11		Approved 1/14/2011
		x	COMPLIANCE-10	Submit a closure plan to the CPM.	Operations	> 12m pt closure			
	x		COMPLIANCE-11	Submit an on-site contingency plan.	Fluor	> 90d of CPM determination			
	x		COMPLIANCE-12	In the event of an unplanned permanent closure, notify agencies take all necessary steps to implement the on-site contingency plan.	Fluor	< 24 hrs of closure			
x	x	x	COMPLIANCE-13	Petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	NextEra	Ongoing			

**Appendix A**  
**Equipment List and Rating**

**AQ-SC5**

**Diesel Engine Emissions Monitoring and Reporting**



**Genesis Solar Energy Project  
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	CW5Y75/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
Generator	NA	148485	8/31/2013	NA	NA	NA	III	SouthWest Drilling	SouthWest Drilling	(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	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	LJ6V63	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/DU7 M84	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/XF4H 83	NA	57-56	NA	440	III	Sukut	Sukut	11/3/2011	4/10/2012	
Skiploader	CAT 414E	KF6F93	NA	NA	2007	78	III	Sukut	Sukut	11/3/2011		
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/TAG 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		







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

**GENESIS SOLAR ENERGY PROJECT  
BIOLOGICAL RESOURCES  
MONTHLY COMPLIANCE REPORT  
FOR MAY 2012**



***Prepared for:***

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May 2012



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## TABLE OF CONTENTS

<b><u>Section</u></b>	<b><u>Page</u></b>
INTRODUCTION .....	3
PROJECT LOCATION AND DESCRIPTION.....	4
MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS .....	4
SUMMARY OF ACTIVITIES.....	5
WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) .....	9
GENERAL DAILY NOTES AND OBSERVATIONS .....	9

### **ATTACHMENTS**

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

### **LIST OF TABLES**

<b><u>Table</u></b>	<b><u>Page</u></b>
1 Genesis Solar Energy Project Nesting Bird Survey Summary .....	8

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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) and the Access Road. The transmission line and natural gas pipeline are not yet under construction. 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 May 2012. The following biological surveys and monitoring took place in May 2012:

- Nesting bird surveys for Unit 1 in areas that had been dormant for more than 3 weeks;

- Weekly reconnaissance for ravens, focusing on potential subsidies; and, daily recording of raven sightings.
- Biological monitoring of the Plant Site and Access Road disturbance areas.

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 May 2012, Project activities were in compliance with the COCs that apply to the construction activities.

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## SUMMARY OF ACTIVITIES

Weekly activities for the month consisted of:

- General Construction Monitoring
  - Monitored grading in Plant Site – Grading occurred in both Units 1 and 2. The majority of the mass excavation occurred in Unit 1, block 4. Finish grading occurred in Unit 1, blocks 2, 3, and 4. Channel work in preparation for soil cement activities and soil cement activities occurred around the perimeter of the site. The areas which had not been previously graded were inspected for fauna prior to construction. No desert tortoise, American badger, desert kit fox, western burrowing owls, Couch's spadefoot toad, or nesting birds were found during preconstruction surveys or monitoring. One burrowing owl was observed outside of the tortoise exclusion fence during kit fox burrowing monitoring being conducted on behalf of CDFG (at kit fox den site 1KMS) on May 13, 2012. This is an active kit fox den so is presumed not to be occupied by burrowing owl. All grading and construction activities occurred within the tortoise exclusion fence.
  - 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). Wildlife incident reports were filed upon detection and collection of special status species road kill per COC BIO-8. One Mojave fringe-toed lizard fatality was found on the Access Road during the month of May 2012. A Construction Wildlife Incident Form was completed and agencies notified. Majority of vehicles observed appeared to obey speed limits. Drivers reported to be speeding were held accountable by contractors. The roadside radar device was employed throughout the month to reinforce vehicle speeds and encourage responsible driving. Vehicle speed and speed limits were discussed with contract personnel to reinforce compliance. Night time and day time hours were not adjusted; 6:00 a.m. to 7:30 p.m. was the time period for the daytime speed limit.
  - Dust suppression activities and water activities that had potential to result in ponding water were monitored. The DB and Biological Monitor patrolled areas daily to verify that ponding water was minimized and that water was spread and mixed with soil to prevent raven and other predator attraction. Reports of standing water were followed up on by investigating and notification to contractor personnel.

- In accordance with Conditions, 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.
- Exclusion Fence Monitoring
  - The temporary tortoise exclusionary fence was inspected on a weekly basis. The fence is intact and no breaches were found. Repairs were made to insulators on the top portion of the temporary electric fencing. No other repairs or maintenance was necessary.
  - The tortoise grate at the Plant Site entry from the access road was also inspected on a daily basis and maintenance (e.g., removal of soil build-up) was performed if necessary.
- Raven Monitoring
  - Monitors performed daily recording during general construction monitoring for incidental raven observations and associated activity. Ravens were typically observed flying over the common area and seeking food in recently scraped areas.
  - Biweekly point count surveys were performed in accordance with the conditions. Eleven total ravens were observed during the bi-weekly raven point count surveys in May (May 2, May 17, and May 30). Biweekly raven counts will continue to be performed. 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 occurred within the Plant Site. All biological ESAs are outside of the tortoise exclusionary fencing. ESAs along access road were noted to be marked and avoided.
- Special Status Species Surveys and Monitoring
  - Kit fox monitoring with cameras and telemetry was conducted on behalf of agencies. This monitoring effort is in support of a CDFG and BLM study and is not part of the Project monitoring requirements; therefore, data and

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information from these monitoring efforts are not reported further in the MCR.

- A kit fox den opening was discovered on site on May 18, 2012. Cameras and the tracking medium, diatomaceous earth, were used to help determine fox activity. Kit fox have been seen on camera around a single burrow opening, but do not appear to be using the burrow due to the lack of prints or other sign/evidence. The fox was first observed on camera May 31, 2012. Monitoring data for this den is included within this report in Attachment 5. A map depicting the location of the den is included in Attachment 1.
- Preconstruction nesting bird surveys were performed within the cultural exclusion area in locations where minor grading was to be performed for archaeological testing. No nests or evidence of nesting activities were observed. More details on survey methods and results are provided in Attachment 5.

## **SURVEY METHODS AND RESULTS**

Pre-construction surveys have been completed and the GSEP site is in the construction phase. 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 May 2012 are summarized below.

### Nesting Bird Surveys

Surveys were conducted within isolated locations associated with areas to be graded for cultural testing sites within the cultural exclusion area in Unit 1, Blocks 2, and 3. Per COC BIO-15, nesting bird surveys were conducted in the areas within 7 days prior to reinitiating construction activities. Surveys consisted of walking within the flagged areas to be graded and associated buffers. Due to the small disturbance areas associated with the testing sites and multiple previous nesting bird surveys of the area, transect surveys were not conducted.

The survey area consisted of generally poor quality nesting habitat comprised of previously mowed vegetation and previously graded areas.

One previously located Loggerhead Shrike nest determined to be active on March 14, 2012 was deemed to be inactive on May 23, 2012 and the agencies were notified of the inactive status of the nest on that date. The nest was checked for eggs and maintenance on May 7, 8, 9, 10, 11, 15,

16, 17, 18 and 21. The nest appeared to be unkempt with no eggs or birds exhibiting nesting behavior observed. Bird deterrents were installed on May 25 and 30. During the previous month, on April 3 and 13, 2012, the nest was found to be empty of eggs and hatchlings. No other nesting birds or nests were found. A summary of nesting bird surveys and results is provided in Table 1 below. Nesting bird survey forms are included within the Nesting Bird Report in Attachment 5.

**Table 1**  
**Genesis Solar Energy Project Nesting Bird Survey Summary**

<u>Date</u>	<u>Area</u>		<u>Findings</u>	
	<u>Unit</u>	<u>Block<sup>1</sup></u>	<u>Nesting Activity</u>	<u>Species Observed</u>
15-May	Unit 1	2, 3	None <sup>2</sup>	No nesting birds observed
16-May	Unit 1	2, 3	None <sup>2</sup>	No nesting birds observed, western kingbird observed in vicinity
18-May	Unit 1	2, 3	None <sup>2</sup>	No nesting birds observed, kit fox den observed
21-May	Unit 1	2, 3	None <sup>2</sup>	No nesting birds observed, western kingbird observed in vicinity
24-May	Unit 1	2, 3	None <sup>2</sup>	No nesting birds observed, one horned lark vocalizing

1 Surveys did not cover the entire block identified unless otherwise noted.

2 No nests found or nesting behavior observed.

### 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 145 incidental raven sightings during 23 monitoring days. The average number of incidental sightings is approximately 6.3 and does not take into account double counting by observers.

Formal raven monitoring in accordance with the COCs consisted of monthly and bi-weekly surveys per the Raven Plan. There are seven raven monitoring point locations (Attachment 1). Ravens recorded are within an 800m radius. Seven ravens were observed on during the 5/2/12 survey, four ravens were observed during the second raven count survey on 5/17/12, and no

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ravens were observed during the third raven survey on 5/30/12. Six ravens were observed during the previous monthly raven count survey.

## **WEED AND ESA MONITORING**

Scattered individual Saharan mustard (*Brassica tournefortii*) plants were documented within the Plant Site and access road. Weed densities are well below ambient levels on surrounding lands. Spot treatment within permanent and temporary disturbance areas was recommended in accordance with the Weed Management Plan. A Pesticide Use Proposal 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. A treatment plan prepared in accordance with the Weed Management Plan will be ready for implementation in fall 2012 if weeds are present in disturbance areas at that time.

It is understood that ESA monitoring by the Designated Botanist (Alice Karl) occurred weekly during construction activities. Based on DB and BM observations during daily access to the site, no encroachment from construction vehicles or personnel occurred.

## **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. The GSEP-specific WEAP training includes a brochure, training video, species cards, and hard hat stickers. The DB has coordinated with the BLM and CEC to provide *One-Time Delivery Access Road Protocol* training for one-time delivery drivers to provide necessary information for site access and avoidance/minimization of impacts.

All personnel reporting to the field in May 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 4 and 5).

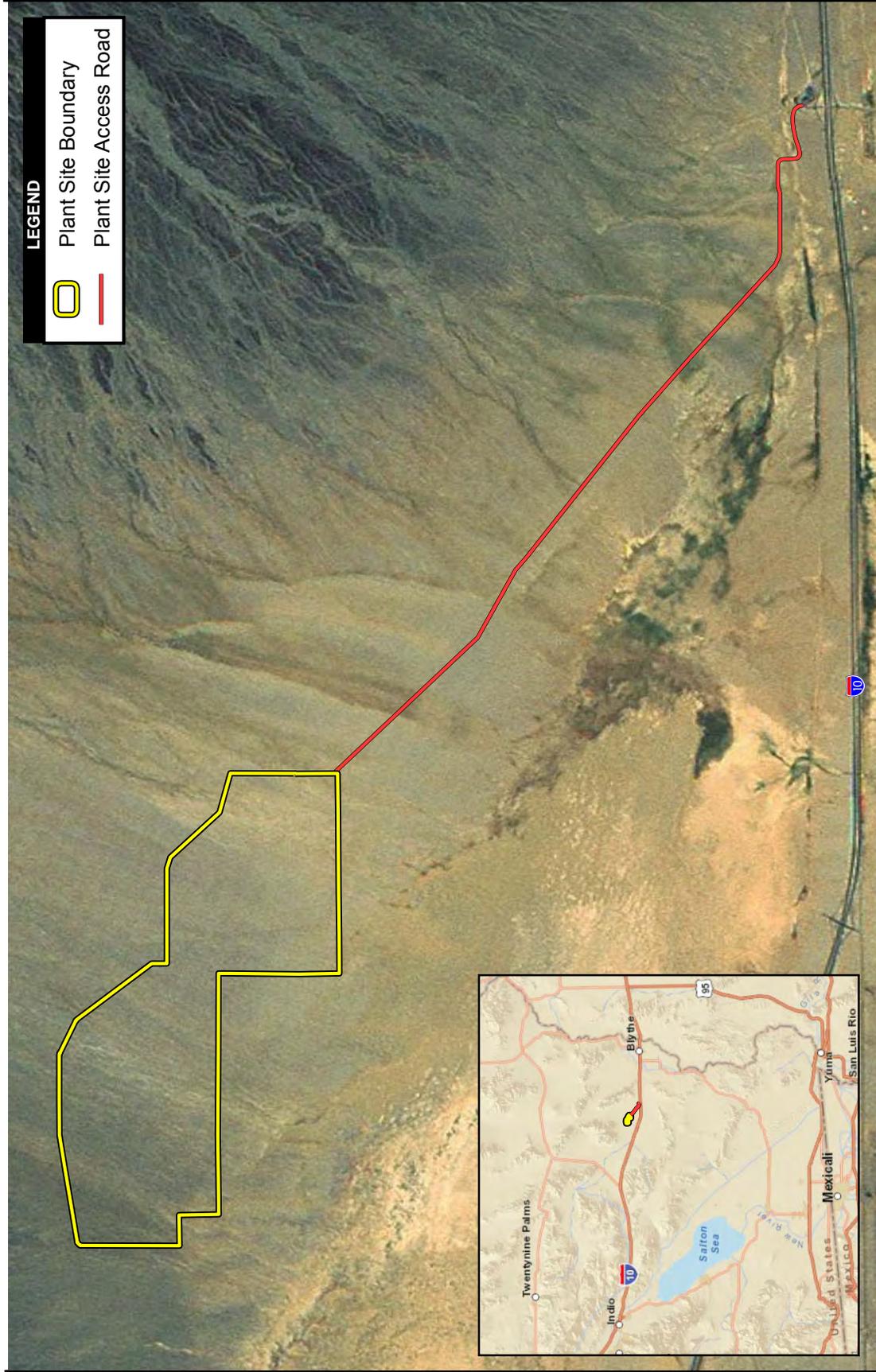
## **REFERENCES**

Martin and Guepel. 1993. Nest Monitoring Plots: Methods for Locating Nests and Monitoring Success. *Journal of Field Ornithology*.

**ATTACHMENT 1**

**FIGURES**





**LEGEND**

-  Plant Site Boundary
-  Plant Site Access Road

**Genesis Solar Energy Project  
Vicinity Map**

Source: GSEEP 2012; AECOM 2012; I-cubed 2010; ESRI 2012

2,000 0 2,000 Feet



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



**Genesis Solar Energy Project**

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

# UNIT 1

**LEGEND**

-  Plant Site Boundary
-  Loggerhead Shrike Nest
-  100 foot Buffer of Loggerhead Shrike Nest

BLOCK 5

BLOCK 6

BLOCK 7

BLOCK 8

BLOCK 1

BLOCK 2

BLOCK 3

BLOCK 4



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



Scale: 1:12,000; 1 inch = 1,000 feet

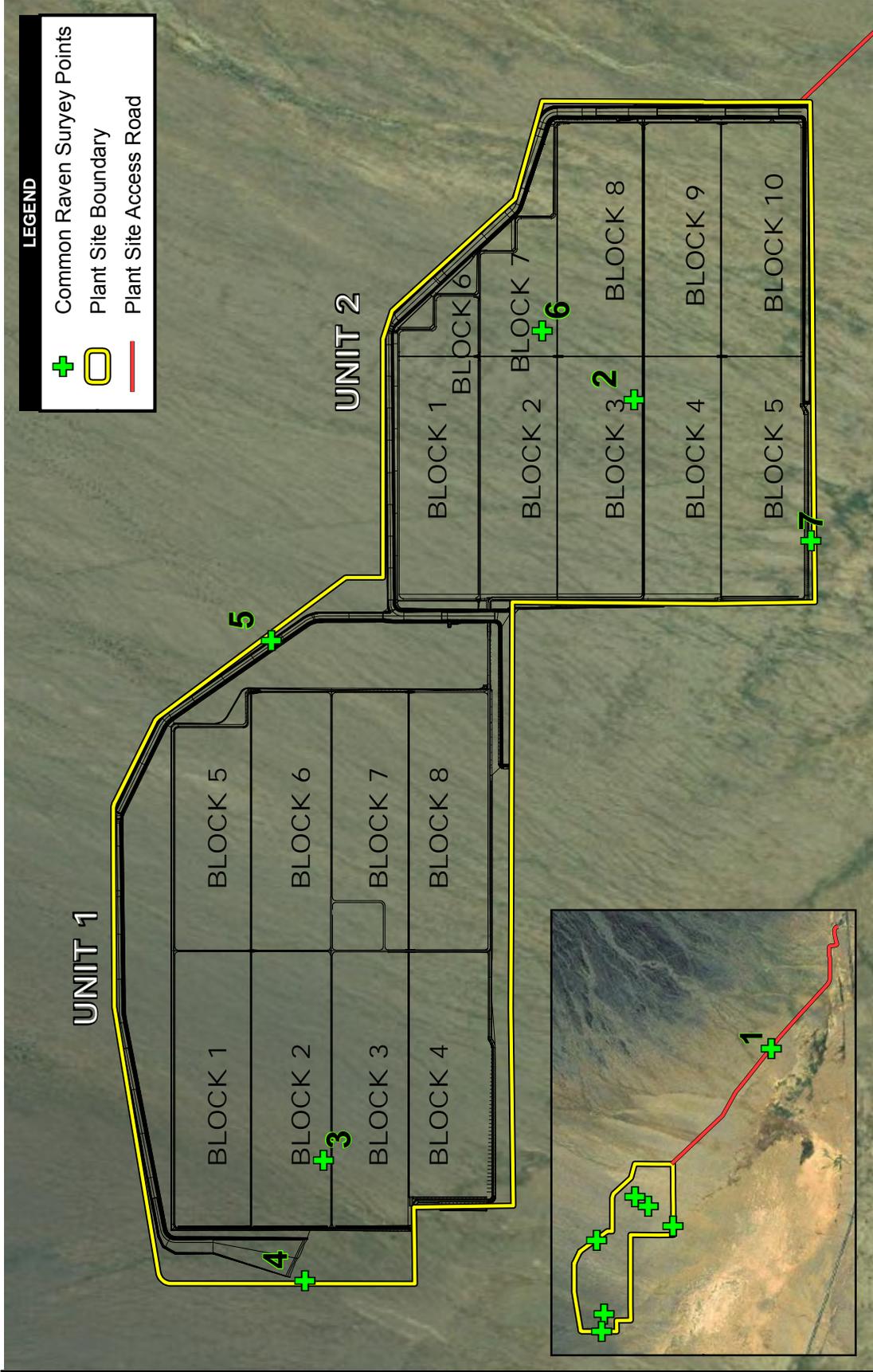


Genesis Solar Energy Project

## GSEP Unit 1

### Loggerhead Shrike Nest and Buffer

Path: P:\2011\60220713\06GIS\6.3\_Layout\BIO\MCR\2012\3 - March\LOSH Nest 20120412.mxd, 4/12/2012, Irelandm



**LEGEND**

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

**Common Raven  
Survey Points**

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

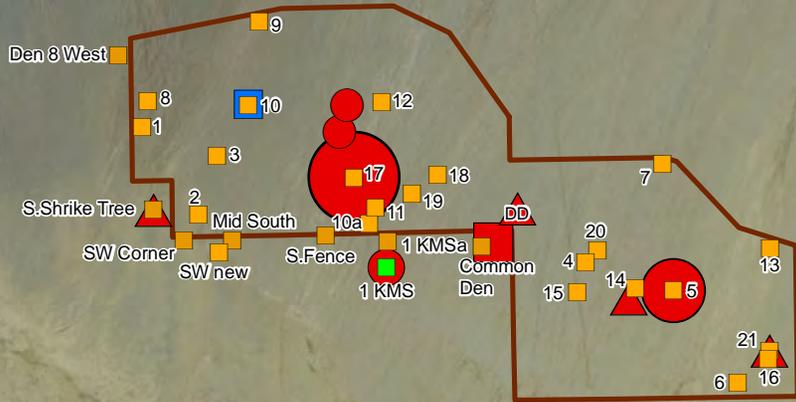
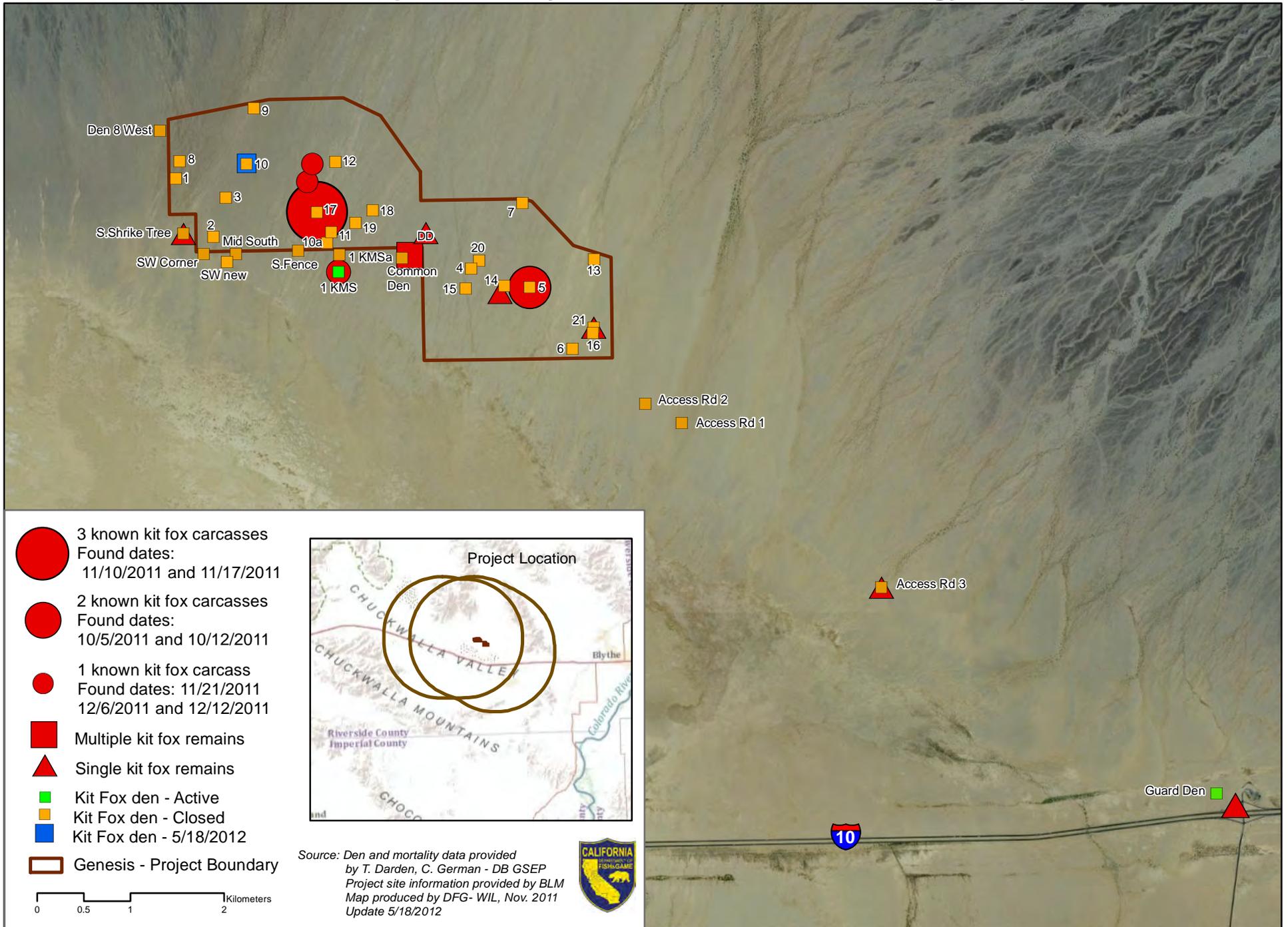


Scale: 1:24,000; 1 inch = 2,000 feet



Genesis Solar Energy Project

# Kit Fox Distemper Mortality Event - Genesis Solar Energy Project



Access Rd 2  
Access Rd 1

Access Rd 3

Guard Den



**ATTACHMENT 2**

**SPECIES OBSERVED DURING MAY  
SURVEYS AND MONITORING**



**Animals:**

Jack Rabbit  
Kit Fox  
Kangaroo Rat  
Round-tailed Ground Squirrel

**Birds:**

American Kestrel  
Cooper 's Hawk  
Great Blue Heron  
Great-tailed Grackle  
Greater Roadrunner  
Horned Lark  
Lesser Nighthawk  
Loggerhead Shrike  
Mourning Dove  
Orange Crowned Warbler  
Osprey  
Prairie Falcon  
Raven  
Red-tailed Hawk  
Say's Phoebe  
Song Sparrow  
Turkey Vulture  
Western Grebe  
Western Kingbird  
Western Tanager  
Wilson's Warbler

**Reptiles:**

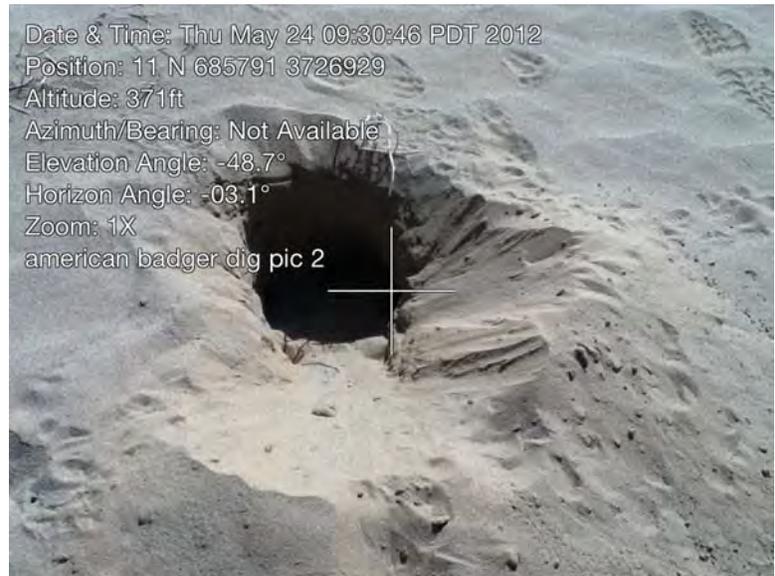
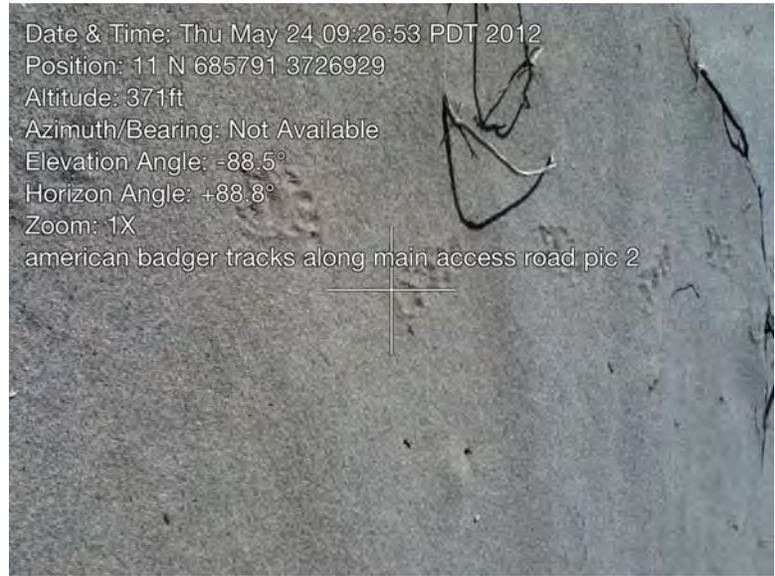
Desert Horned Lizard  
Desert Iguana  
Leopard Lizard  
Mojave Fringe-Toed Lizard  
Side-blotched Lizard  
Sidewinder Rattlesnake  
Whip Tail Lizard  
Zebra-tailed Lizard

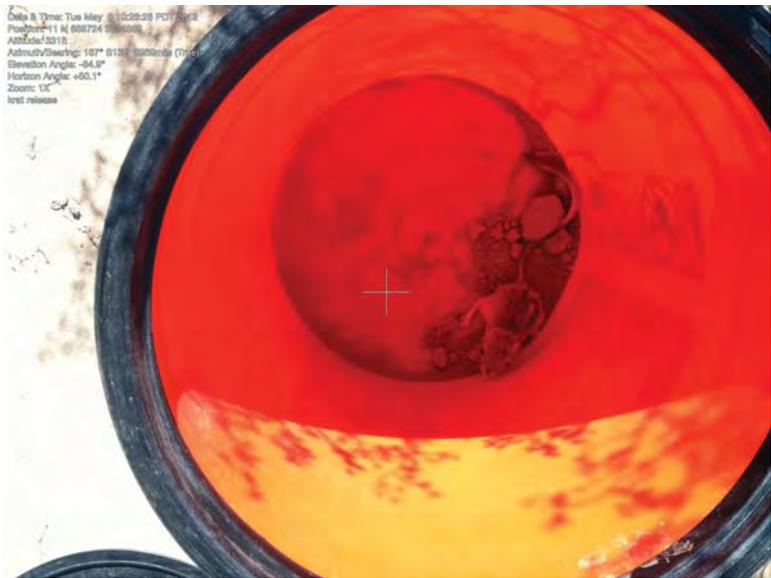
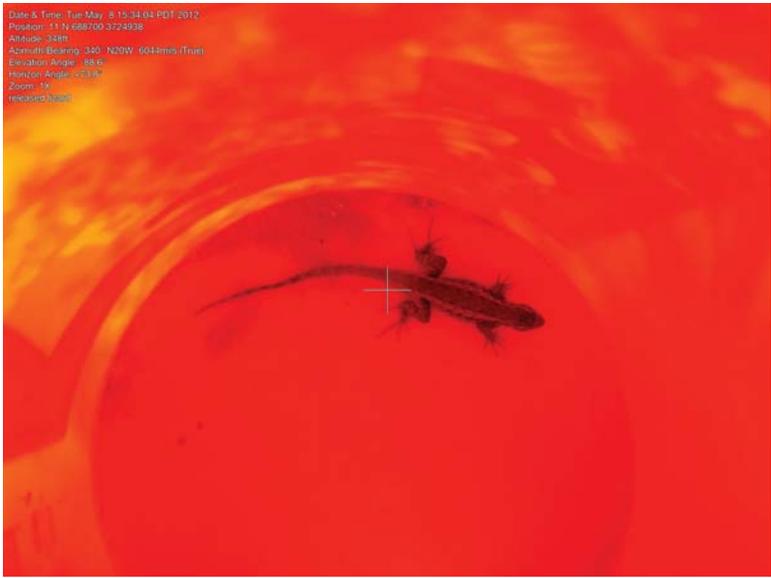


**ATTACHMENT 3**

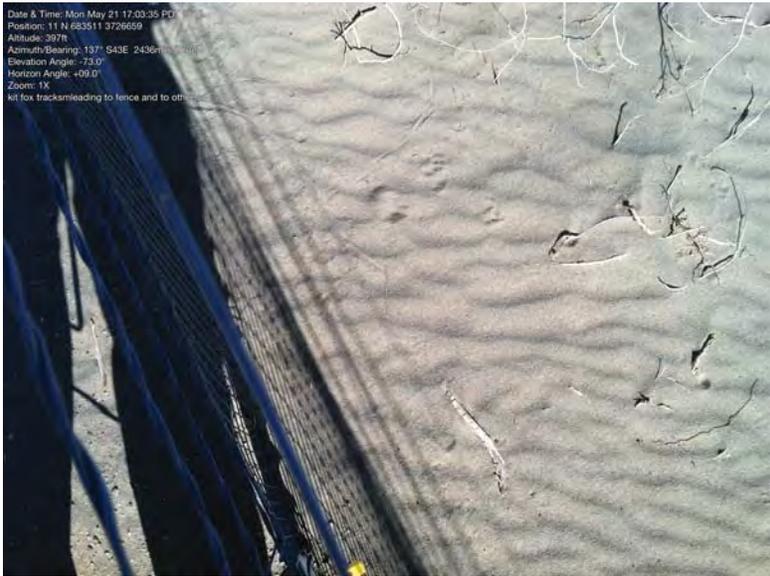
**PHOTOS**











Date & Time: Mon May 21 17:03:35 PDT  
Position: 11 N 683511 372659  
Altitude: 3978  
Azimuth/Bearing: 137° S43E 2436m (True)  
Elevation Angle: -73.0°  
Horizon Angle: +99.0°  
Zoom: 1X  
Kit fox tracks leading to fence and to other side



Date & Time: Mon May 21 17:03:51 PDT 2012  
Position: 11 N 683506 372659  
Altitude: 3978  
Azimuth/Bearing: 90° N70E 1546m (True)  
Elevation Angle: -67.1°  
Horizon Angle: -62.0°  
Zoom: 1X  
Kit fox tracks leading to fence and to other side



Date & Time: Thu May 24 09:57:24 PDT 2012  
Position: 11 N 685018 3727090  
Altitude: 351ft  
Azimuth/Bearing: 083° N83E 1476mils (True)  
Elevation Angle: -82.1°  
Horizon Angle: -40.2°  
Zoom: 1X  
sidewinder removed



Date & Time: Fri May 25 07:16:00 PDT 2012  
Position: 11 N 683440 3727187  
Altitude: 388ft  
Azimuth/Bearing: 254° S74W 4516mils (True)  
Elevation Angle: -02.1°  
Horizon Angle: +01.8°  
Zoom: 1X  
cscs 1000 buffer prior to removal of buffer



Date & Time: Thu May 24 13:28:18 PDT 2012  
Position: 11 N 687960 3728771  
Altitude: 307ft  
Azimuth/Bearing: 172° W88E 3088mils (True)  
Elevation Angle: -07.6°  
Horizon Angle: +01.3°  
Zoom: 1X  
unit 1 trapsites, pre-survey



Date & Time: Fri May 25 08:01:49 PDT 2012  
Position: 11 N 683439 3727193  
Altitude: 361ft  
Azimuth/Bearing: 304° N56W 5404mils (True)  
Elevation Angle: -01.1°  
Horizon Angle: -00.5°  
Zoom: 1X  
cscs 1000 buffer removed

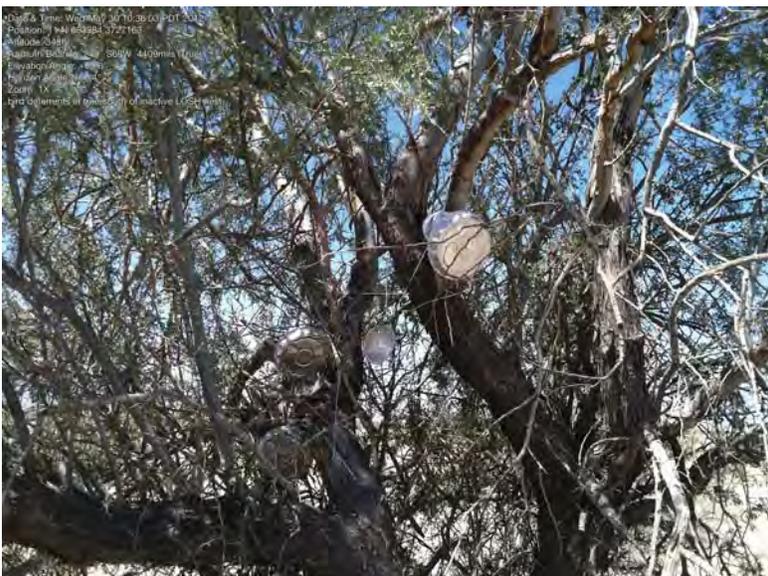


Date & Time: Tue May 29 06:27:28 PDT 2012  
Position: 11 N 686527 3726203  
Altitude: 354ft  
Azimuth/Bearing: 210° S60W 4933mils (True)  
Elevation Angle: -12.2°  
Horizon Angle: +01.5°  
Zoom: 1X  
sidewinder



Date & Time: Tue May 29 06:27:28 PDT 2012  
Position: 11 N 686527 3726203  
Altitude: 354ft  
Azimuth/Bearing: 210° S60W 4933mils (True)  
Elevation Angle: -12.2°  
Horizon Angle: +01.5°  
Zoom: 1X  
sidewinder









IMG\_1904 Relocated sidewinder



Cole & Taylor, Inc. Environmental  
Monitoring & Assessment  
Phoenix, AZ 85004  
Tel: 602.975.1111  
Fax: 602.975.1112  
www.coleandtaylor.com  
Project: 12216  
Report: 12216-12216  
Date: 12/12/11  
LOG# 12216-12216

**ATTACHMENT 4**

**DAILY BIOLOGICAL MONITORING LOGS**



# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/1/2012

Monitor: Eric German  
 Weather Conditions: Partly Sunny, Clouds: 25%, Pcp: None  
 High Temp (°F): 94 Low Temp (°F): 75

Start Time: 7:30:00 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:** Monitored access road. Speed limits and following distances appeared to be followed. No other findings. Inspected caisson area. No findings. Inspected power block 1 area. No findings. Inspected power block 2 area. No findings.  
 Safety foreman called to have sidewinder rattlesnake removed from solar field 2. Removed snake from site. Checked trenches, pitfalls. No findings.  
 Inspected trailer area, power block 2 and HDPE laydown for bees with bee keeper. Individual bees found. No swarms or hives 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		Picked up trash.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.			X	N/A
Tortoise exclusionary fence and/or ramps intact?	X			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. 2 on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/1/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 45%, Pcp: None  
 High Temp (°F): 91 Low Temp (°F): 61

Start Time: 5:30:00 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:** Clearance survey In block 1, 2, 3, 4 and CSAA area. Telemetry reading at guard site and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary 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			5 flying, 3 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/2/2012

Monitor: Eric German  
 Weather Conditions: Cloudy, Clouds: 60%, Pcp: None  
 High Temp (°F): 84 Low Temp (°F): 72

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:** Monitored access road. Speed limits and spacing appeared to be observed. No other findings.  
 Removed sidewinder from power block 2. Inspected power block 2. No other findings.  
 Checked laydown areas. No findings.  
 Inspected power block 1. Sidewinder tracks seen in trench. No other findings.  
 Inspected trenches and pitfalls. No findings.  
 Inspected areas of bee activity from previous day: trailers, laydowns, power block 2, water tank 1. Also spoke with site personnel. Bees not a problem today.

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Picked up litter. Self closing trash cans to be set 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	All work inside exclusionary 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			Tortoise grate maintained.
Any nesting birds observed? Note species (if known) and location.	X			LOSH in CSAA
Common Ravens Present? If yes, note number and activity.	X			4 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** Bio-Monitor completed bi-weekly raven observation count.

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/2/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 45%, Pcp: None  
 High Temp (°F): 83 Low Temp (°F): 59

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:** Clearance survey In block 3, 4 and CSAA area. Removed 3 sidewinder rattle snake from back 2 unit 2 relocated outside of project site. Conducted common raven fixed point observation. Telemetry reading at guard site and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary 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			5 flying, 3 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/3/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 90 Low Temp (°F): 70

Start Time: 7:45:00 AM Stop Time: 5:15:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Inspected access road. No findings  
 Inspected power blocks 1 and 2. Standing water at water tank was minimized. No other findings.  
 Checked trenches and pitfalls. No findings.  
 Inspected site for bees. 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		Picked up 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			Concrete trucks observed appeared 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		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.	X			LOSH in CSAA.
Common Ravens Present? If yes, note number and activity.	X			3 flying around common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** Dead snake that was reported on April 30 was disposed of by workers. Workers were re-educated to contact compliance team if finding wildlife dead or alive that needs removal.

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/3/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 92 Low Temp (°F): 61

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

### Sites Monitored

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

**Activity Log:** Clearance survey in block 1, 2, 3, 4 and CSAA area. Removed sidewinder rattle snake from block 4 unit 1 relocated outside of project site. Telemetry reading at guard site and switched off camera memory cards. Checked largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary 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			6 flying 5 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/4/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 93 Low Temp (°F): 72

Start Time: 7:45:00 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:** Monitored access road. Assisted with jack rabbit road mortality disposal. No other findings.  
 Inspected trenches and pitfalls. Received report of sidewinder in trench. Removed sidewinder from trench and site.  
 No other findings.  
 Inspected site for bees. Very few, less than twenty seen throughout site. No bee problems reported.  
 Set up second guard camera for DKF monitoring.  
 Dust abatement and water minimization at water tanks appeared appropriate. No standing water.

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Garbage receptacles to be set up in parking lot.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	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	Activities inside of exclusionary fence in previously disturbed, graded area.
Any desert tortoise or other T&E species 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			LOSH in CSAA
Common Ravens Present? If yes, note number and activity.	X			4 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/4/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 83 Low Temp (°F): 61

Start Time: 5:00:00 AM Stop Time: 12:30:00 AM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Removed sidewinder rattlesnake from block 2, unit 1 relocated outside of project site. Telemetry reading at guard site and switched off camera memory cards. Checked largo, Sukut, Newtron and ARB equipment lay down area for any Bio-resource. Road kill between poles 103-104 (jack rabbit) properly disposed. Checked DT exclusionary 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			3 flying 2 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/7/2012

Monitor: Eric German  
 Weather Conditions: Windy, Clouds: 0%, Pcp: None  
 High Temp (°F): 93 Low Temp (°F): 72

Start Time: 7:30:00 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:** Monitored access road. Very windy blowing sand across road. No findings.  
 Inspected caisson area and laydowns. No findings.  
 Inspected power block 2. No findings.  
 Water tanks had minimal ponding, minimized by tractor.  
 Inspected trenches and pitfalls. No findings.  
 Site shut down due to wind.  
 Worked on monthly 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			Wind and sun are wearing out signs.
Trash and debris contained and disposed of in proper manner?		X		Blowing trash. Picked up litter.
Topsoil segregated properly?	X			Outside Fence.
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	All work inside exclusionary fence in previously disturbed areas.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.	X			Shrike not seen.
Common Ravens Present? If yes, note number and activity.		X		Too windy.
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 5/8/2012

Monitor: Eric German  
 Weather Conditions: Partly Sunny, Clouds: 15%, Pcp: None  
 High Temp (°F): 93 Low Temp (°F): 75

Start Time: 7:30:00 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:** Monitored access road. No findings. Inspected laydown areas. No findings. Inspected caisson area. No findings. Received report of KRat in power block 2, removed KRat and released off site. Inspected trenches and pitfalls. No findings. Notified to of lizard in power block 2, removed and released. No other findings in power block 2. Inspected shrike nest in CSAA Shrike 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			Some signage blown over yesterday. Repositioned today.
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			Spacing and speed rules 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	All activity inside exclusion fence. No new activities started.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		Shrike nest inspected. No eggs. No birds seen.
Common Ravens Present? If yes, note number and activity.	X			3. Report of raven eating food waste.
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 5/9/2012

Monitor: Eric German  
 Weather Conditions: Partly Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 88 Low Temp (°F): 72

Start Time: 8:00:00 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:** 08:00/11:30 Monitored access road Spoke with surveyor and reminded him to check under vehicle. No other findings. Inspected trenches and pitfalls power block 2. No findings.  
 09:00 Inspected power block 2 and caisson area. No findings.  
 Inspected water tanks for ponding. Slight ponding noted. Minimized prior to reporting.  
 Pallid Bees noted at west side of power block 2.  
 08:00/11:30 Monitored access road. Spoke with surveyor and reminded him to check under vehicle. No other findings. Inspected trenches and pitfalls power block 2. No findings.  
 09:00 Inspected power block 2 and caisson area. No findings.  
 Inspected water tanks for ponding. Slight ponding noted, minimized prior to reporting.  
 Pallid Bees noted at west side of power block 2.  
 11:00 meeting.  
 12:00 MCR  
 14:00 meeting  
 15:30. Instructed bio on sound machine.  
 1600 MCR

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			Inside temporary fence.
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Picked up litter. Site looked good.
Topsoil segregated properly?	X			Becoming buried by blow sand.
Topsoil segregation barriers maintained?			X	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	Work inside 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			Perimeter fence was completed. No breaches or repairs necessary.
Any nesting birds observed? Note species (if known) and location.		X		LOSH nest to be checked later in week.
Common Ravens Present? If yes, note number and activity.	X			2 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A



# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/10/2012

Monitor: Eric German  
 Weather Conditions: Other (note), Clouds: 0%, Pcp: None  
 High Temp (°F): 101 Low Temp (°F): 80

Start Time: 8:30:00 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:** 0815 monitor access road  
 0830 report of sidewinder caisson area unit 2 Snake removed.  
 0845 inspect caisson area and power block unit 2. Bees noted in PB 2.  
 1000 inspect unit 1 including trenches and pitfalls, water tanks and laydowns. Bees were noted at water tank 1. Food litter noted at water tank 1. Reported both findings.  
 11:00 meeting.  
 12:00 walkthrough of previously surveyed area on westside of unit 1. Both shrikes were seen. No other findings.  
 13:30 meeting.  
 14:00 meeting.  
 15:00 reports.  
 17:00 monitored 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		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Spacing and speed looked good.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			All work inside 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			N/A
Any nesting birds observed? Note species (if known) and location.	X			LOSH pair in tree proximate to nest. 12:45.
Common Ravens Present? If yes, note number and activity.	X			4 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** Weather note: 100% dust haze all day.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/10/2012

Monitor:     Matt Kedziora      
 Other- sun and heavy smog/ haze  
 Weather Conditions: early, Clouds: 0%, Pcp: None  
 High Temp (°F): 101 Low Temp (°F): 70

Start Time: 5:02:00 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:** 0502 arrive at guard shack, receive both fox at 0507  
 0507-0700 monitor access road, no speeding  
 0556- pickup dead kangaroo rat at pole 104; appears to be from late yesterday  
 0715- to CSAA area see shrike 0737 on tree south out of fence, prairie falcon as well  
 0808 change 8 west camera  
 0830- get call from eric that snake is in Unit 2 caisson construction area  
 0859 in bucket  
 0926 released south of access road by speed radar set up  
 0950 change out guard camera, see horned lizard  
 1040-1055- lunch  
 1115- change KMS  
 1130- change S fence camera  
 1140- office for data download  
 1200- to the NW CSAA area for general survey with Eric  
 1237- pair or shrikes observed at old nest site  
 1310- done in CSAA  
 1320- get sound monitoring device from office, head to Unit 2 caisson construction site for monitoring  
 1349- begin monitoring at caisson site  
 1429- wind blows over device, monitoring over  
 1440 return to office, backup files  
 1500- 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			Good effort over past 2 days to collect trash along fence after Mondays high winds
Topsoil segregated properly?			X	N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?			X	N/A
Speed limit observed by all project personnel?	X			Monitored access road 0500-0700, no speeding 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		None observed
All ESAs and other bio-related exclusion areas marked and avoided?			X	N/A

**Additional Notes:** Species:

Horned lizard, LOSH, sidewinder, prairie falcon, zebra tailed lizard

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/11/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 100 Low Temp (°F): 78

Start Time: 8:15:00 AM Stop Time: 3:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 06:45 received call a crew was looking for cultural monitor. Left message with cultural. Gave cultural contact info to requesting party.  
 08:15 monitored access road. No findings.  
 09:00 walkthrough to check for any biological items on west side of unit 1. No findings  
 10:00 noted ravens at water tank near power block 1. Reported to compliance.  
 Inspected power block 1. No findings.  
 11:30 say's phoebe noted near trailers. Notified/asked compliance to assist with hanging caution tape for flagging.  
 1300 bird deterrent installed on trailers.  
 1515 sent DKF weekly summary data. 1525 inspected power block 2. No findings.  
 Inspected trenches and pitfalls throughout 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		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Spacing and 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	All work inside exclusion fence in previously disturbed areas.
Any desert tortoise or other T&E species 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		LOSH in CSAA.
Common Ravens Present? If yes, note number and activity.	X			3 flying, 2 beneath water tank.
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 5/14/2012

Monitor: Shelly Dayman  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 111 Low Temp (°F): 92

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

### Sites Monitored

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

**Activity Log:** 0930 - monitored access road, no mortalities or speeding observed  
 1030 - office, biomonitor daily report sent to ECM and DB, review of DT translocation/relocation plan and BO for linear facilities  
 1230 - checked west side of powerblock 1 with intact veg for bio resources, no nesting birds, WBO or kit fox incidentally observed  
 1300 - checked for ponding under water buffalos, some noted under one but not significant  
 1330 - checked powerblock 2, speed within limits, no trash observed  
 1400 - daily compliance meeting, found out that notice to resume work in exclusion area of block 1 is expected Wednesday, so area will be checked tomorrow for bio resources  
 1500 - field prep for surveys in AM , call with Tsegaye and eric  
 1600 - check in blocks 1 and 2  
 1700 - access road  
 1720 - 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	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 5/14/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 107 Low Temp (°F): 75

Start Time: 5:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Joined Sukut JHA meeting at 5:30 am. Checked loggerhead shrike nest area at 6:30 am no shrike observed. Removed sidewinder rattle snake from block 2 unit 1 relocated outside of project site. Telemetry reading at guard site at 10:30 am and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary 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			5 flying 3 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/15/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 103 Low Temp (°F): 78

Start Time: 7:45:00 AM Stop Time: 5:15:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 07:45 monitored access road. No findings.  
 08:00 monitored unit 2 activities. Noted large container labeled and covered for trash. Noted a trailer of trash that should be covered. Reported to compliance. Noted water ponding under water tank. Reported to compliance, ponding minimization achieved through regular activities. No issue.  
 09:30 Pallid Bees (noted in area of water tank 1 and 2). Honey bees at water tank 0. Walked powerblock 1. Noted some food litter, picked up. Inspected trenches and pitfalls.  
 10:30 review DKF photos.  
 11:30 check DKF cameras.  
 13:00 inspect block 4.  
 14:00 meeting  
 15:30 inspect water tank areas. Reported leak at well head. To be repaired today.  
 Inspect power block 1. No findings.  
 Throughout day inspect trenches, pitfalls and laydown areas. Some litter site looked good.  
 17:15 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		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			speed limits appeared to be obeyed.
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		LOSH nest in CSAA
Common Ravens Present? If yes, note number and activity.	X			4 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/15/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 107 Low Temp (°F): 71

Start Time: 5:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Joined Sukut JHA meeting at 5:15am. Conducted nesting bird surveys at block 1,2,3 and CSAA. Checked loggerhead shrike nest area at 7:30 am no shrike observed. Telemetry reading at guard site at 1:30 pm and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment laydown area for any bio-resource. Checked DT exclusionary 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			4 flying 2 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/16/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 105 Low Temp (°F): 77

Start Time: 7:30:00 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:** 0715 received notification to remove snake. Unit 1. Met bio and reporting party. Snake (sidewinder) removed.  
 0800 received notification to remove second snake. Snake (sidewinder) removed.  
 08:30 reported ponding water at water tank 2. Puddle was minimized.  
 0730/0900 monitored access road. No findings.  
 Inspected outside the fence pipeline right of way. No findings.  
 11:00 meeting.  
 12:00 survey test trench sites.  
 14:00 meeting.  
 15:00 monitor unit 1 finish grade and watering.  
 16:00 observed CSAA shrike tree. 2 ravens in tree proximate to south. Shrike not seen.  
 16:45 return to trailer.  
 17:15 monitor access road. No findings.

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Unit 1 areas cleared in morning.
Any desert tortoise or other T&E species 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		Ravens observed in tree next to nest.
Common Ravens Present? If yes, note number and activity.	X			3 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 5/16/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 107 Low Temp (°F): 77

Start Time: 5:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Joined SPX JHA meeting at 6:00am. Conducted survey at block 1,2,3, 4 and CSAA. Checked loggerhead shrike nest area at 7:00 am no shrike observed. At 8:05 am removed sidewinder rattlesnake from black 10 unit 2 , relocated outside of the project site. Telemetry reading at guard site at 8:30 am and switched off camera memory cards. Checked Largo, Sukut, Newtron, SPX and ARB equipment lay down area for any bio-resource. Checked DT exclusionary fence 100% completed.

### 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			6 flying 2 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/17/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 104 Low Temp (°F): 82

Start Time: 7:15:00 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:** 07:30 pedestrian pass of future gas transmission pipeline.  
 10:45 monitor access road. No findings.  
 11:30 assist with DKF monitoring and raven data.  
 14:00 meeting.  
 15:00 inspect common area. Litter appeared to be in its place.  
 15:30 informed that gas transmission work would like to begin earlier than the scheduled June 11 date.  
 16:00 inspect unit 1. No findings.  
 18:00 leave 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		There are self closing garbage cans. Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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 construction within exclusionary 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		Unknown possibly verdin. 0692368/372211 no activity or birds observed. Approximately 650' from linear. Not in plant site maybe inactive.
Common Ravens Present? If yes, note number and activity.	X			3 flying.
All ESAs and other bio-related exclusion areas marked and avoided?	X			Signs are becoming windblown.

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/17/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 79

Start Time: 5:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Joined SPX JHA meeting at 6:00am. Conducted common raven fixed point observation. Checked loggerhead shrike nest area at 9:30 am no shrike observed. At 9:45am removed sidewinder rattlesnake from block 4, unit 1 relocated outside of the project site. Telemetry reading at guard site at 10:10 am and switched off camera memory cards. Checked Largo, Sukut, Newtron, SPX and ARB equipment lay down area for any bio-resource. Checked DT exclusionary 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			3 flying 2 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/18/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 99 Low Temp (°F): 77

Start Time: 7:20:00 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:** 07:20 notified of possible DKF den, confirmed active upon arrival, set up buffer, notified agencies.  
 08:15 notified of bird mortality. Bird removed for disposal.  
 09:00 set up DKF den buffer. 0684021 3727599, mid block 2, unit 1.  
 10:00 notified of snake(sidewinder) in powerblock 1. Biomonitor removed.  
 12:00 inspected common area and parking lot. No findings.  
 12:30 reports.  
 Monitored access road in morning and afternoon.  
 Throughout day inspected trenches, pitfalls, and laydowns. 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			Windblown signage
Trash and debris contained and disposed of in proper manner?		X		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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		Shrike nest in CSAA. No bird sighting in vicinity. Pair of shrikes at pole 92.
Common Ravens Present? If yes, note number and activity.	X			3 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			Signs are wind blown.

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/18/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 77

Start Time: 5:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Joined SPX JHA meeting at 5:45 am . Conducted survey at the trench location in unit 1 block 2 and 3. Located new DKF during survey and the den appeared to be active, fresh scat and truck present. Checked loggerhead shrike nest area at 6:45 am no shrike observed. At 9:35 am removed sidewinder rattlesnake from block 7 unit 1 relocated outside of the project site. Telemetry reading at guard site at 10:00am and switched off camera memory cards. Checked Largo, Sukut, Newtron, SPX and ARB equipment lay down area for any bioresource. Checked DT exclusionary 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			2 flying 2 ground
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/21/2012

Monitor: Andrew Fisher  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 104 Low Temp (°F): 70

Start Time: 5:39:00 AM Stop Time: 5:23:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Patrolled ingress and egress main access road during morning traffic flow to monitor and regulate traffic speed. Surveyed western portion of exclusion area for ground penetrating radar. Checked loggerhead shrike nest and exclusion area one strike observed but no nesting activity. Loggerhead shrike nest appears in active. Swapped out all 6 DKF wildlife cameras and downloaded pictures. Biologist patrolled unit 2 power block and did not notice any signs of noncompliance. The desert kit fox wildlife camera set up on May 18 in the cultural exclusion area was observed to be nonfunctioning because of low battery. The wildlife camera was fixed new batteries were replaced and it was replaced in working condition. One dead Mojave Fringe-toed lizard was observed on the main access road it was photographed and disposed of.

### 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 CORA observed on top of power pole in unit 1 common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/21/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 109 Low Temp (°F): 77

Start Time: 7:15:00 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:** 07:15. Inspect access road. No findings.  
 08:15 survey/inspect portion of western exclusion zone. No nests or birds exhibiting nesting behavior observed.  
 0945 had LOSH nest inspected appears to be inactive.  
 11:30 Changed camera card at May 18.  
 Inspected Water tank and power block 1. Inspected trenches and pitfalls. No findings.  
 Asked water truck drivers about bees. No bee problems reported.  
 1600 unit 1 block 4 walk around DKF tracks on western edge, no other findings.  
 LOSH not seen in CSAA.

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Picked up litter. Common area parking looked clean.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	Cleared areas, unit 1, block 4, west side for tomorrow's activities for tumor
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.			X	MFTL dead on access road.
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 5/22/2012

Monitor: Andrew Fisher  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 110 Low Temp (°F): 72

Start Time: 5:58:00 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:** At 0537 Biologist conducted main road speed limit survey for morning traffic flow. At 0615 biologist swept new cut area prior to scrappers to remove any wildlife and no wildlife observed. One Wilson's warbler observed feeding on insects in fresh cut area. At 0730 biologist swapped out DKF wildlife camera cards and ensured all batteries were charged. At 1010 moved the wildlife camera set up near the guard shack 90 degrees to the south to try and get better kit fox photos and target a different part of the burrow complex. Downloaded all wildlife cameras and filled out the desert kit fox reporting form. No DKF were observed on the new wildlife camera that was set up in the cultural exclusion area to monitor the new kit fox burrow that was found on May 18 and is labeled May 18. At 1230 checked the cut area after scrappers had gone through and no dead or injured wildlife were observed. At 0940 checked the DKF radio collar frequencies and both collared foxes are alive and well. At 1000 conducted mortality check along the main access road and no dead wildlife were found. At 1300 filled out the necessary wildlife reporting forms for an MFTL in block 4 of unit 1. At 1500 drove over to the active cut area and no wildlife issues were noted. Drove around unit 1 and did not see any noncompliance issues.

### 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		Water truck observed speeding this morning on way to guard shack to reduce dust.
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 in block 4 of unit 1
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 common ravens observed flying over the common area at 1545.
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 5/22/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 107 Low Temp (°F): 80

Start Time: 7:15:00 AM Stop Time: 5:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0715 monitor access road. Removed kangaroo rat mortality and buried for disposal. No other findings.  
 08:00 Notified of sidewinder mortality on dirt road unit 1. Removed and disposed.  
 0830 walk block 1 western edge prior to scraping. No findings.  
 10:00 meeting  
 10:15 notified of live sidewinder unit 1 block 5. Removed and released.  
 10:30 notified of lizard with orange dots (leopard lizard). Lizard was struck by vehicle prior to removal. Removed and disposed by burial.  
 12:00 inspected power block 2. Picked up some litter. No other findings.  
 14:00 meeting  
 15:45 completed MFTL mortality notification.  
 16:00 reviewed kit fox on site status.

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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			Unit 1 western boundary
Any desert tortoise or other T&E species 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 ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:**    N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/23/2012

Monitor: Andrew Fisher  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 105 Low Temp (°F): 73

Start Time: 5:32:00 AM Stop Time: 5:23:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0533 biologist monitored the flow of traffic to ensure the proper speed limit was followed. 0645 all 6 of the desert kit fox cameras were checked and the battery levels were confirmed to be sufficient for each camera. The DKF burrow at Mid South was checked to look for activity since there is no camera in place and there were no DKF tracks. All the DKF camera data was downloaded and entered. 1000 the biologist released two sidewinder rattlesnakes at least 400 meters north and east of the main access road. At 1045 the biologist walked the northern most turn-out right before the main entrance to the solar field in the southeast corner of unit 2 block 10. Several vehicles had been stuck at this turn-out and a tractor ripped and then compacted the soil to prevent further vehicles from bring stuck. At 1200 the biologist drove around the parked scrappers to ensure that they were not leaking hydro fluid onto the ground. All scrappers were in compliance. At 1230 the biologist was contacted to retrieve another sidewinder but it was already dead upon arrival and it was buried offsite. At 1300 the biologist went to Blythe to get fuel for the buggies and diatomaceous earth to act as tracking media to place in front of the May 18 burrow which is located in the cultural exclusion area in block 2 of unit 1. At 1500 biologists smoothed out the dirt apron in front of the May 18 burrow. The smooth dirt was determined to be sufficient to see DKF tracks in the morning. The camera was reinforced with more wire to hold it in place. Then at 1545 biologist drove around part of the desert tortoise exclusion fence to examine the electrical wires. Several corners had loose wire on the lower third strand and this was reported in order to be repaired. One water truck parked in the southeast corner of solar block 8 in unit 1 was leaking water and this was reported to the DB. All other issues were 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			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 CORA was observed perched atop a utility pole in the common area at 1130.
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 5/23/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 80

Start Time: 7:15:00 AM Stop Time: 6:40:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0715 inspected sections of the outside the fence gas transmission line  
 0715 monitored access road. No findings.  
 0845 arranged to have a turnout surveyed for maintenance. No findings.  
 0900 notified of snake in unit 2, removed and released.  
 1100 meeting  
 1230 inspected/monitored power block 2 and unit 2 laydowns.  
 No findings.  
 1400 meeting  
 1445 agency contact regarding DKF  
 1530 inspected Unit 1: smoothed apron of May 18 fox den, checked electric fence, walked portion of CSAA, parked water truck was causing ponding reported to ECM and the ponding was minimized.  
 1800 inspect water tank 2. No findings  
 1810 inspect access road. A round tailed ground squirrel mortality was found. Removed from access roads and disposed of.

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?		X		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			Observed vehicles were 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	No new activities
Any desert tortoise or other T&E species 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		Notified agencies and management that shrike nest is inactive
Common Ravens Present? If yes, note number and activity.	X			2 perched on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** Discussions with botanist regarding outside the fence activities.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/24/2012

Monitor: Andrew Fisher  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 103 Low Temp (°F): 74

Start Time: 5:02:00 AM Stop Time: 6:01:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 5:30 AM conducted road survey and checked speed on access road 6:30 checked DKF wildlife cameras. Observed two locations along southern boundary of solar block 4 in unit 1 where DKF jumped over fence. Fence intact @ both locations. Photos taken. 7:30 checked camera @ DKF burrow named May 18, no DKF tracks observed on apron of burrow (smoothed out yesterday). 9 AM conducted roadkill survey, observed badger tracks, badger had traveled in the night from one sand dune across the road to another sand dune and headed south towards Ford Dry Lake. 10 AM sidewinder captured from solar block 2 in unit 1 and relocated offsite. 11 AM conducted DKF, WBO and nesting bird transects through the cultural exclusion area where trenching is to occur. 2 PM surveyed DT exclusion fence perimeter, fence intact. DKF electrical fence had two problem spots where the lower third wire had come off the yellow bracket, did not appear to compromise the fence but was reported to the DB and will be fixed. 4:30 PM set up second camera at the May 18 burrow and also set up camera along the southern boundary of solar block 4 in unit 1 where the desert kit fox had jumped over the fence.

### 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			Badger tracks across access road, may be following one of the dune systems, tracks were in sand dunes on both sides of road
Tortoise exclusionary fence and/or ramps intact?	X			DT perimeter fence check, fence intact. Lowest wire pulled off of DKF electrical fence.
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 @ guard shack, foraging on ground @ 8:30 am.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/24/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 95 Low Temp (°F): 78

Start Time: 7:15:00 AM Stop Time: 7:00:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0715 monitor access road. One mortality found at 0730  
 0730 removed and disposed of road mortality(KRat).  
 0750 inspect power block 2. No findings.  
 0900 informed of possible trenching in unit 1.  
 1000 sidewinder removed from unit 1.  
 1100 unit one test trench walk thru.  
 1400 meeting, notified of overturned portapotty unit 2 SE corner.  
 1545. More unit 1 surveys for cultural trenching.  
 1615 monitor cultural test boring mobilization.

### 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 is being 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			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Cleared areas for tomorrows test trenching.
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		Bio monitor observed kit fix tracks.
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/foraging
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 5/25/2012

Monitor: Andrew Fisher  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 84 Low Temp (°F): 72

Start Time: 5:40:00 AM Stop Time: 10:15:00 AM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Arrival at 5:30 AM two vehicles observed speeding along the main access road. One vehicle was a blue cement truck which exceeded a 35 mph posted speed limit in the second vehicle was a yellow ford truck that also exceeded the 35 mph speed limit. At 7:00 the biologist checked the proposed trench locations for cultural trenching in the cultural exclusion area and no wildlife issues were noted. At 8:00 checked all wildlife cameras at kit fox burrows. Confirmed that the May 18 burrow does not have a kit fox currently using it. At 9:30 relocated a sidewinder off site. Drove down to guard shack and patrolled the main access road for 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		At 5:40am a cement truck and yellow ford pickup were observed speeding.
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 CORA was observed at 8:30 am flying over the cut area in unit 1 solar block 4.
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 5/25/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 92 Low Temp (°F): 69

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

### Sites Monitored

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

**Activity Log:** 0615 inspect access road. Camper/trailer observed by connex. Owner has been contacted. No other findings.  
 0745 removed CSAA shrike nest buffer.  
 0830 notified of sidewinder block 2. Removed by safety from power block and removed from site by biologist.  
 1030 cultural test trenches, observed desert iguana and escorted cultural dignitaries on foot to view DKF den.  
 1330 retrieved GPS point for camera where foxes have been jumping fence.  
 1600 inspected access road, grader parked on southside of road east of guard shack.  
 Area where camper/trailer was parked was cordoned off by project personnel to prevent parking.  
 1620 reported water leaking from water truck parked at guard gate.

### 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 blowing litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?		X		Report of two vehicles speeding.
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Test trench areas.
Any desert tortoise or other T&E species 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		CSAA LOSH buffer removed. Some deterrents installed.
Common Ravens Present? If yes, note number and activity.	X			1 flying near common area.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/26/2012

Monitor: Eric German  
 Weather Conditions: Windy, Clouds: 0%, Pcp: None  
 High Temp (°F): 72 Low Temp (°F): 68

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:** 0730 checked water trucks at guard gate. One water tank leaking water. Notified compliance No other findings.  
 0800 cultural test trench safety. Clear area for trenching, trench 3. No findings.  
 0910 inspect trench 7 area. No findings.  
 1030 monitor 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		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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			Test trench area cleared.
Any desert tortoise or other T&E species 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 5/29/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 79

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

### Sites Monitored

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

**Activity Log:** 0715 received report of snake in torque tube laydown area. Notified bio of 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	N/A
Only approved access roads utilized for ingress 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 5/29/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 75

Start Time: 5:15:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Conducted survey in block 2 and block 3 in unit 1 at 5:30am. Moved road kill (Coachwhip) on access road between pole # 24 and 25 at 10:00am. Checked equipment lay down areas at Largo, ARB, Newtron, Sukut and SPX site. Telemetry reading at guard station at 10:20am. Conducted DKF activity and switched camera cards.

### Monitor Checklist

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

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/30/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 80

Start Time: 7:30:00 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:** 0725 while driving to site was notified of a dirty tractor at guard gate. Instructed guard to turn truck around to get tractor cleaned.  
 0730 arrived on site. Rig with dirty tractor was brought to first turn around and turned around.  
 Continued up access road and inspected access road. No other findings.  
 0800 meeting  
 0930 inspection of kit fox den, May18, no prints observed. On way to fox den inspected common area laydown area. No findings.  
 1015 added more deterrents at inactive LOSH tree and proximate tree.  
 1100 meeting.  
 1145 inspected and walked unit 1, including Power block 1, trenches, pitfalls and caissons. Noted some litter in trench; it will be reported to compliance. No other findings.  
 1400 meeting  
 1500 checked on guard den foxes. On way to den inspected access road. No findings. Two days no signal from Lil tom. If no signal tomorrow will contact CDFG.  
 1600 delineated parking areas near guard shack with flagging to prevent spread of disturbance.  
 1715 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		Picked up litter.
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?			X	N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			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		Additional deterrents added to inactive LOSH nest tree.
Common Ravens Present? If yes, note number and activity.	X			1, perched on ground.
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** N/A

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/30/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 71

Start Time: 5:00:00 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:** Conducted common raven fixed point survey. Surveyed block 2 and block 3 in unit 1 at 9:30am. Shrike by the nest on northern tree observed. Moved road kill (K. Rat) on access road between pole # 97 and 98 at 10:55 am. Checked equipment lay down areas at Largo, ARB, Neutron, Sukut and SPX site. Telemetry reading at guard station at 5:15 am and at 11:10. Conducted DKF activity and switched camera cards.

### Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			N/A
All activities within approved workspace limits?	X			N/A
Only approved access roads utilized for ingress and egress?	X			N/A
Access road signs in place?	X			N/A
Trash and debris contained and disposed of in proper manner?	X			N/A
Topsoil segregated properly?	X			N/A
Topsoil segregation barriers maintained?	X			N/A
All crew on site displaying hard-hat decals from WEAP training?	X			N/A
Speed limit observed by all project personnel?	X			N/A
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			N/A
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		N/A
Tortoise exclusionary fence and/or ramps intact?	X			N/A
Any nesting birds observed? Note species (if known) and location.		X		N/A
Common Ravens Present? If yes, note number and activity.	X			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 5/31/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 111 Low Temp (°F): 87

Start Time: 8:45:00 AM Stop Time: 7:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0755 called bio monitor for update on Lil tom, guard shack male. No ping has been heard Tuesday, Wednesday, or this morning. 0758 called CDFG vet to inform of not hearing ping left message.  
 0815 informed of possible DKF mortality on highway.  
 0825 drove offsite to visually inspect road and highway proximate to site for possible DKF mortality. No findings.  
 0840 Spoke with CDFG vet on phone.  
 Continued back to site surveyed access road. No findings.  
 0930 meeting  
 1030 inspected DKF den May18. Camera card changed. No prints or sign seen. When camera card was viewed (1530)one fox was seen possibly two. Notified agencies.  
 1100 meeting  
 1200 inspected access road and met CDFG vet.  
 1300 inspected power block 2 area no findings.  
 1400 meeting. Notified compliance of litter in trench from yesterday.  
 1500 perused DKF data. DKF viewed at den May18.  
 1700 applied tracking medium(BIO-17),diatomaceous earth, at den May18 entrance to assist with confirming den activity status.  
 1800 prepare for morning surveys.  
 1845 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		Picked up litter
Topsoil segregated properly?	X			Along access road.
Topsoil segregation barriers maintained?			X	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 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			N/A

**Additional Notes:** Report of great blue heron flying site

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 5/31/2012

Monitor: Tsegaye Mengistu  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 107 Low Temp (°F): 73

Start Time: 5:35:00 AM Stop Time: 4:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** Conducted survey in block 2 in unit 1 at 7:00am. Shrike by the nest on southern tree observed. Checked equipment lay down areas at Largo, ARB, Neutron, Sukut and SPX site. Telemeter reading at guard station at 5:35 am and at 12:20 pm. Conducted DKF activity and switched camera cards. Checked DT exclusionary fence and it is 100% intact.

### Monitor Checklist

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

**Additional Notes:** N/A

# Genesis Solar - BM Daily Summary Report (Part 1 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Start Temp	Midday Temp	End Temp	Weather	Cloud Cover	Precipitation	Workspace limits verified and properly marked?	Comment	All activities within approved workspace limits?	Comment	Only approved access roads utilized for ingress and egress?	Comment
Eric German	5/1/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	75	82	94	Partly Sunny	25%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/1/2012	5:30:00 AM	3:40:00 PM	Plant Site, Access Road	61	85	91	Sunny	45%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/2/2012	8:00:00 AM	5:30:00 PM	Plant Site, Access Road	72	80	84	Cloudy	60%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/2/2012	5:30:00 AM	4:00:00 PM	Plant Site, Access Road	59	75	83	Sunny	45%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/3/2012	7:45:00 AM	5:15:00 PM	Plant Site, Access Road	70	80	90	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/3/2012	5:30:00 AM	4:30:00 PM	Plant Site, Access Road	61	85	92	Sunny	5%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/4/2012	7:45:00 AM	3:00:00 PM	Plant Site, Access Road	72	90	93	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/4/2012	5:00:00 AM	12:30:00 AM	Plant Site, Access Road	61	83	83	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/7/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	72	87	93	Windy	0%	None	YES	N/A	YES	N/A	YES	N/A
Matt Kedziora	5/7/2012	5:34:00 AM	2:05:00 PM	Plant Site, Access Road	73	91	94	Windy	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/8/2012	7:30:00 AM	5:15:00 PM	Plant Site, Access Road	75	88	93	Partly Sunny	15%	None	YES	N/A	YES	N/A	YES	N/A
Matt Kedziora	5/8/2012	5:22:00 AM	3:25:00 PM	Plant Site, Access	71	92	94	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 1 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Start Temp	Midday Temp	End Temp	Weather	Cloud Cover	Precipitation	Workspace limits verified and properly marked?	Comment	All activities within approved workspace limits?	Comment	Only approved access roads utilized for ingress and egress?	Comment
				Road												
Eric German	5/9/2012	8:00:00 AM	6:30:00 PM	Plant Site, Access Road	72	87	88	Partly Sunny	0%	None	YES	N/A	YES	Inside temporary fence.	YES	N/A
Matt Kedziora	5/9/2012	5:00:00 AM	3:45:00 PM	Plant Site, Access Road	64	98	100	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/10/2012	8:30:00 AM	5:30:00 PM	Plant Site, Access Road	80	94	101	Other (note)	0%	None	YES	N/A	YES	N/A	YES	N/A
Matt Kedziora	5/10/2012	5:02:00 AM	3:00:00 PM	Plant Site, Access Road	70	99	101	Other-sun and heavy smog/haze early	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/11/2012	8:15:00 AM	3:45:00 PM	Plant Site, Access Road	78	94	100	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Matt Kedziora	5/11/2012	5:15:00 AM	12:50:00 PM	Plant Site, Access Road	68	89	-	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Shelly Dayman	5/14/2012	9:30:00 AM	5:15:00 PM	Access Road, Plant Site	92	100	111	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/14/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	75	101	107	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/15/2012	7:45:00 AM	5:15:00 PM	Plant Site, Access Road	78	89	103	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/15/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	71	97	107	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric	5/16/2012	7:30:00	5:30:00	Plant Site,	77	89	105	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 1 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Start Temp	Midday Temp	End Temp	Weather	Cloud Cover	Precipitation	Workspace limits verified and properly marked?	Comment	All activities within approved workspace limits?	Comment	Only approved access roads utilized for ingress and egress?	Comment
German		AM	PM	Access Road												
Tsegaye Mengistu	5/16/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	77	99	107	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/17/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	82	97	104	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/17/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	79	99	102	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/18/2012	7:20:00 AM	4:00:00 PM	Plant Site, Access Road	77	88	99	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/18/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	77	99	102	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Andrew Fisher	5/21/2012	5:39:00 AM	5:23:00 PM	Plant Site, Access Road	70	104	101	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/21/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	77	95	109	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Andrew Fisher	5/22/2012	5:58:00 AM	4:15:00 PM	Plant Site, Access Road	72	104	110	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/22/2012	7:15:00 AM	5:45:00 PM	Plant Site, Access Road	80	100	107	Sunny	5%	None	YES	N/A	YES	N/A	YES	N/A
Andrew Fisher	5/23/2012	5:32:00 AM	5:23:00 PM	Plant Site, Access Road	73	104	105	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/23/2012	7:15:00 AM	6:40:00 PM	Plant Site, Access Road	80	97	102	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 1 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Start Temp	Midday Temp	End Temp	Weather	Cloud Cover	Precipitation	Workspace limits verified and properly marked?	Comment	All activities within approved workspace limits?	Comment	Only approved access roads utilized for ingress and egress?	Comment
Andrew Fisher	5/24/2012	5:02:00 AM	6:01:00 PM	Plant Site, Access Road	74	98	103	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/24/2012	7:15:00 AM	7:00:00 PM	Plant Site, Access Road	78	95	94	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Andrew Fisher	5/25/2012	5:40:00 AM	10:15:00 AM	Plant Site, Access Road	72	80	84	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/25/2012	6:15:00 AM	4:30:00 PM	Plant Site, Access Road	69	88	92	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/26/2012	7:15:00 AM	11:00:00 AM	Plant Site, Access Road	68	72	72	Windy	0%	None	Yes	N/A	YES	N/A	YES	N/A
Eric German	5/29/2012	7:30:00 AM	6:30:00 PM	Plant Site, Access Road	79	98	102	Sunny	0%	None	Yes	N/A	N/A	N/A	N/A	N/A
Tsegaye Mengistu	5/29/2012	5:15:00 AM	3:30:00 PM	Plant Site, Access Road	75	97	102	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/30/2012	7:30:00 AM	5:15:00 PM	Plant Site, Access Road	80	95	102	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/30/2012	5:00:00 AM	5:00:00 PM	Plant Site, Access Road	71	97	102	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Eric German	5/31/2012	8:45:00 AM	7:45:00 PM	Plant Site, Access Road	87	104	111	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A
Tsegaye Mengistu	5/31/2012	5:35:00 AM	4:30:00 PM	Plant Site, Access Road	73	101	107	Sunny	0%	None	YES	N/A	YES	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 2 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Access road signs in place?	Comment	Trash and debris contained and disposed of in proper manner?	Comment	Topsoil segregated properly?	Comment	Topsoil segregation barriers maintained?	Comment	All crew on site displaying hard-hat decals from WEAP training?	Comment
Eric German	5/1/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up trash.	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/1/2012	5:30:00 AM	3:40:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/2/2012	8:00:00 AM	5:30:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter. Self closing trash cans to be set up.	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/2/2012	5:30:00 AM	4:00:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/3/2012	7:45:00 AM	5:15:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up trash.	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/3/2012	5:30:00 AM	4:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/4/2012	7:45:00 AM	3:00:00 PM	Plant Site, Access Road	YES	N/A	NO	Garbage receptacles to be set up in parking lot.	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/4/2012	5:00:00 AM	12:30:00 AM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/7/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	YES	Wind and sun are wearing out signs.	NO	Blowing trash. Picked up litter.	YES	Outside Fence.	N/A	N/A	YES	N/A
Matt Kedziora	5/7/2012	5:34:00 AM	2:05:00 PM	Plant Site, Access Road	YES	N/A	NO	Trash on fence in numerous places	N/A	N/A	N/A	N/A	N/A	N/A
Eric German	5/8/2012	7:30:00 AM	5:15:00 PM	Plant Site, Access Road	YES	Some signage blown over yesterday. Repositioned today.	NO	N/A	YES	N/A	N/A	N/A	YES	N/A
Matt Kedziora	5/8/2012	5:22:00 AM	3:25:00 PM	Plant Site, Access Road	YES	N/A	NO	Some trash along fenceline	N/A	N/A	N/A	N/A	N/A	N/A
Eric German	5/9/2012	8:00:00 AM	6:30:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter. Site looked good.	YES	Becoming buried by blow	N/A	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 2 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Access road signs in place?	Comment	Trash and debris contained and disposed of in proper manner?	Comment	Topsoil segregated properly?	Comment	Topsoil segregation barriers maintained?	Comment	All crew on site displaying hard-hat decals from WEAP training?	Comment
										sand.				
Matt Kedziora	5/9/2012	5:00:00 AM	3:45:00 PM	Plant Site, Access Road	YES	N/A	YES	Pickup along south fence line noted	N/A	N/A	N/A	N/A	N/A	N/A
Eric German	5/10/2012	8:30:00 AM	5:30:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Matt Kedziora	5/10/2012	5:02:00 AM	3:00:00 PM	Plant Site, Access Road	YES	N/A	YES	Good effort over past 2 days to collect trash along fence after Mondays high winds	N/A	N/A	N/A	N/A	N/A	N/A
Eric German	5/11/2012	8:15:00 AM	3:45:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Matt Kedziora	5/11/2012	5:15:00 AM	12:50:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Shelly Dayman	5/14/2012	9:30:00 AM	5:15:00 PM	Access Road, Plant Site	YES	N/A	YES	N/A	YES	N/A	YES	N/A	N/A	N/A
Tsegaye Mengistu	5/14/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/15/2012	7:45:00 AM	5:15:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/15/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/16/2012	7:30:00 AM	5:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/16/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/17/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	YES	N/A	NO	There are self closing garbage cans. Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/17/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 2 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Access road signs in place?	Comment	Trash and debris contained and disposed of in proper manner?	Comment	Topsoil segregated properly?	Comment	Topsoil segregation barriers maintained?	Comment	All crew on site displaying hard-hat decals from WEAP training?	Comment
Eric German	5/18/2012	7:20:00 AM	4:00:00 PM	Plant Site, Access Road	YES	Windblown signage	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/18/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Andrew Fisher	5/21/2012	5:39:00 AM	5:23:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	YES	N/A
Eric German	5/21/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter. Common area parking looked clean.	YES	N/A	N/A	N/A	YES	N/A
Andrew Fisher	5/22/2012	5:58:00 AM	4:15:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	YES	N/A
Eric German	5/22/2012	7:15:00 AM	5:45:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Andrew Fisher	5/23/2012	5:32:00 AM	5:23:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	YES	N/A
Eric German	5/23/2012	7:15:00 AM	6:40:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Andrew Fisher	5/24/2012	5:02:00 AM	6:01:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	YES	N/A
Eric German	5/24/2012	7:15:00 AM	7:00:00 PM	Plant Site, Access Road	YES	N/A	NO	Trash is being picked up	YES	N/A	N/A	N/A	YES	N/A
Andrew Fisher	5/25/2012	5:40:00 AM	10:15:00 AM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	N/A	N/A	YES	N/A
Eric German	5/25/2012	6:15:00 AM	4:30:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up blowing litter.	YES	N/A	N/A	N/A	YES	N/A
Eric German	5/26/2012	7:15:00 AM	11:00:00 AM	Plant Site, Access Road	YES	N/A	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A
Eric German	5/29/2012	7:30:00 AM	6:30:00 PM	Plant Site, Access Road	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tsegaye Mengistu	5/29/2012	5:15:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric	5/30/2012	7:30:00 AM	5:15:00 PM	Plant Site,	YES	N/A	NO	Picked up litter.	YES	N/A	N/A	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 2 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Access road signs in place?	Comment	Trash and debris contained and disposed of in proper manner?	Comment	Topsoil segregated properly?	Comment	Topsoil segregation barriers maintained?	Comment	All crew on site displaying hard-hat decals from WEAP training?	Comment
German		AM	PM	Access Road										
Tsegaye Mengistu	5/30/2012	5:00:00 AM	5:00:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A
Eric German	5/31/2012	8:45:00 AM	7:45:00 PM	Plant Site, Access Road	YES	N/A	NO	Picked up litter	YES	Along access road.	N/A	N/A	YES	N/A
Tsegaye Mengistu	5/31/2012	5:35:00 AM	4:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	YES	N/A	YES	N/A	YES	N/A

# Genesis Solar - BM Daily Summary Report (Part 3 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Speed limit observed by all project personnel?	Comment	Work area cleared by BM prior to construction activity beginning?	Comment	Any desert tortoise or other T&E species encountered?	Comment	Tortoise exclusionary fence and/or ramps intact?	Comment	Any nesting birds observed?	Comment
Eric German	5/1/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	YES	N/A	N/A	N/A
Tsegaye Mengistu	5/1/2012	5:30:00 AM	3:40:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/2/2012	8:00:00 AM	5:30:00 PM	Plant Site, Access Road	YES	N/A	N/A	All work inside exclusionary fence.	NO	N/A	YES	Tortoise grate maintained.	YES	LOSH in CSAA
Tsegaye Mengistu	5/2/2012	5:30:00 AM	4:00:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/3/2012	7:45:00 AM	5:15:00 PM	Plant Site, Access Road	YES	Concrete trucks observed appeared to be following speed limits.	N/A	N/A	NO	N/A	YES	N/A	YES	LOSH in CSAA.
Tsegaye Mengistu	5/3/2012	5:30:00 AM	4:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/4/2012	7:45:00 AM	3:00:00 PM	Plant Site, Access Road	YES	N/A	N/A	Activities inside of exclusionary fence in previously disturbed, graded area.	NO	N/A	YES	N/A	YES	LOSH in CSAA
Tsegaye Mengistu	5/4/2012	5:00:00 AM	12:30:00 AM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/7/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	YES	N/A	N/A	All work inside exclusionary fence in previously disturbed areas.	NO	N/A	YES	N/A	YES	Shrike not seen.
Matt Kedziora	5/7/2012	5:34:00 AM	2:05:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	N/A	N/A	YES	Checked Unit 1 power block trenching area	NO	N/A
Eric German	5/8/2012	7:30:00	5:15:00	Plant Site,	YES	Spacing and	N/A	All activity inside	NO	N/A	YES	N/A	NO	Shrike nest

# Genesis Solar - BM Daily Summary Report (Part 3 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Speed limit observed by all project personnel?	Comment	Work area cleared by BM prior to construction activity beginning?	Comment	Any desert tortoise or other T&E species encountered?	Comment	Tortoise exclusionary fence and/or ramps intact?	Comment	Any nesting birds observed?	Comment
		AM	PM	Access Road		speed rules appeared to be observed.		exclusion fence. No new activities started.						inspected. No eggs. No birds seen.
Matt Kedziora	5/8/2012	5:22:00 AM	3:25:00 PM	Plant Site, Access Road	YES	Monitored access road for speed 0530-0700	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/9/2012	8:00:00 AM	6:30:00 PM	Plant Site, Access Road	YES	N/A	N/A	Work inside exclusion fence	NO	N/A	YES	Perimeter fence was completed. No breaches or repairs necessary.	NO	LOSH nest to be checked later in week.
Matt Kedziora	5/9/2012	5:00:00 AM	3:45:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/10/2012	8:30:00 AM	5:30:00 PM	Plant Site, Access Road	YES	Spacing and speed looked good.	YES	All work inside exclusion fence.	N/A	N/A	YES	N/A	YES	LOSH pair in tree proximate to nest. 12:45.
Matt Kedziora	5/10/2012	5:02:00 AM	3:00:00 PM	Plant Site, Access Road	YES	Monitored access road 0500-0700, no speeding observed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Eric German	5/11/2012	8:15:00 AM	3:45:00 PM	Plant Site, Access Road	YES	Spacing and speed limits appeared to be observed.	N/A	All work inside exclusion fence in previously disturbed areas.	NO	N/A	YES	N/A	NO	LOSH in CSAA.
Matt Kedziora	5/11/2012	5:15:00 AM	12:50:00 PM	Plant Site, Access Road	NO	Speeding in AM- 0537- 49 mph- red Chevy pickup	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Shelly Dayman	5/14/2012	9:30:00 AM	5:15:00 PM	Access Road, Plant Site	YES	N/A	N/A	N/A	NO	N/A	N/A	N/A	NO	N/A
Tsegaye Mengistu	5/14/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/15/2012	7:45:00	5:15:00	Plant Site,	YES	speed limits	N/A	N/A	NO	N/A	YES	N/A	NO	LOSH nest in

# Genesis Solar - BM Daily Summary Report (Part 3 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Speed limit observed by all project personnel?	Comment	Work area cleared by BM prior to construction activity beginning?	Comment	Any desert tortoise or other T&E species encountered?	Comment	Tortoise exclusionary fence and/or ramps intact?	Comment	Any nesting birds observed?	Comment
		AM	PM	Access Road		appeared to be obeyed.								CSAA
Tsegaye Mengistu	5/15/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/16/2012	7:30:00 AM	5:30:00 PM	Plant Site, Access Road	YES	N/A	YES	Unit 1 areas cleared in morning.	NO	N/A	YES	N/A	NO	Ravens observed in tree next to nest.
Tsegaye Mengistu	5/16/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/17/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	YES	N/A	N/A	All construction within exclusionary fence.	NO	N/A	YES	N/A	NO	Unknown possibly verdin. 0692368/372211 no activity or birds observed. Approximately 650' from linear. Not in plant site maybe inactive.
Tsegaye Mengistu	5/17/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/18/2012	7:20:00 AM	4:00:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	Shrike nest in CSAA. No bird sighting in vicinity. Pair of shrikes at pole 92.
Tsegaye Mengistu	5/18/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Andrew Fisher	5/21/2012	5:39:00 AM	5:23:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/21/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	YES	N/A	N/A	Cleared areas, unit 1, block 4, west side for tomorrow's activities for tumor	N/A	MFTL dead on access road.	YES	N/A	NO	N/A

# Genesis Solar - BM Daily Summary Report (Part 3 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Speed limit observed by all project personnel?	Comment	Work area cleared by BM prior to construction activity beginning?	Comment	Any desert tortoise or other T&E species encountered?	Comment	Tortoise exclusionary fence and/or ramps intact?	Comment	Any nesting birds observed?	Comment
Andrew Fisher	5/22/2012	5:58:00 AM	4:15:00 PM	Plant Site, Access Road	NO	Water truck observed speeding this morning on way to guard shack to reduce dust.	YES	N/A	YES	MFTL in block 4 of unit 1	YES	N/A	NO	N/A
Eric German	5/22/2012	7:15:00 AM	5:45:00 PM	Plant Site, Access Road	YES	N/A	YES	Unit 1 western boundary	NO	N/A	YES	N/A	NO	N/A
Andrew Fisher	5/23/2012	5:32:00 AM	5:23:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/23/2012	7:15:00 AM	6:40:00 PM	Plant Site, Access Road	YES	Observed vehicles were following speed limit.	N/A	No new activities	N/A	N/A	YES	N/A	NO	Notified agencies and management that shrike nest is inactive
Andrew Fisher	5/24/2012	5:02:00 AM	6:01:00 PM	Plant Site, Access Road	YES	N/A	N/A	N/A	YES	Badger tracks across access road, may be following one of the dune systems, tracks were in sand dunes on both sides of road	YES	DT perimeter fence check, fence intact. Lowest wire pulled off of DKF electrical fence.	NO	N/A
Eric German	5/24/2012	7:15:00 AM	7:00:00 PM	Plant Site, Access Road	YES	N/A	YES	Cleared areas for tomorrows test trenching.	NO	Bio monitor observed kit fix tracks.	YES	N/A	NO	N/A
Andrew Fisher	5/25/2012	5:40:00 AM	10:15:00 AM	Plant Site, Access Road	NO	At 5:40am a cement truck and yellow ford pickup were observed speeding.	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/25/2012	6:15:00 AM	4:30:00 PM	Plant Site, Access Road	NO	Report of two vehicles	YES	Test trench areas.	NO	N/A	YES	N/A	NO	CSAA LOSH buffer removed.

# Genesis Solar - BM Daily Summary Report (Part 3 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Speed limit observed by all project personnel?	Comment	Work area cleared by BM prior to construction activity beginning?	Comment	Any desert tortoise or other T&E species encountered?	Comment	Tortoise exclusionary fence and/or ramps intact?	Comment	Any nesting birds observed?	Comment
						speeding.								Some deterrents installed.
Eric German	5/26/2012	7:15:00 AM	11:00:00 AM	Plant Site, Access Road	YES	N/A	YES	Test trench area cleared.	NO	N/A	YES	N/A	NO	N/A
Eric German	5/29/2012	7:30:00 AM	6:30:00 PM	Plant Site, Access Road	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tsegaye Mengistu	5/29/2012	5:15:00 AM	3:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/30/2012	7:30:00 AM	5:15:00 PM	Plant Site, Access Road	YES	N/A	N/A	N/A	NO	N/A	YES	N/A	NO	Additional deterrents added to inactive LOSH nest tree.
Tsegaye Mengistu	5/30/2012	5:00:00 AM	5:00:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A
Eric German	5/31/2012	8:45:00 AM	7:45:00 PM	Plant Site, Access Road	YES	N/A	N/A	N/A	NO	N/A	YES	N/A	NO	N/A
Tsegaye Mengistu	5/31/2012	5:35:00 AM	4:30:00 PM	Plant Site, Access Road	YES	N/A	YES	N/A	NO	N/A	YES	N/A	NO	N/A

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
Eric German	5/1/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	YES	3 flying. 2 on ground.	YES	N/A	N/A	<p>Monitored access road. Speed limits and following distances appeared to be followed. No other findings.</p> <p>Inspected caisson area. No findings. Inspected power block 1 area. No findings. Inspected power block 2 area. No findings.</p> <p>Safety foreman called to have sidewinder rattlesnake removed from solar field 2. Removed snake from site.</p> <p>Checked trenches, pitfalls. No findings.</p> <p>Inspected trailer area, power block 2 and HDPE laydown for bees with bee keeper. Individual bees found. No swarms or hives found.</p>
Tsegaye Mengistu	5/1/2012	5:30:00 AM	3:40:00 PM	Plant Site, Access Road	YES	5 flying, 3 ground	YES	N/A	N/A	<p>Clearance survey in block 1, 2, 3, 4 and CSAA area. Telemetry reading at guard site and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary fence</p>
Eric German	5/2/2012	8:00:00 AM	5:30:00 PM	Plant Site, Access Road	YES	4 flying.	YES	N/A	Bio-Monitor completed bi-weekly raven observation count.	<p>Monitored access road. Speed limits and spacing appeared to be observed. No other findings.</p> <p>Removed sidewinder from power block 2. Inspected power block 2. No other findings.</p> <p>Checked laydown areas. No findings.</p> <p>Inspected power block 1. Sidewinder tracks seen in trench. No other findings.</p> <p>Inspected trenches and pitfalls. No findings.</p> <p>Inspected areas of bee activity from previous day: trailers, laydowns, power block 2, water tank 1. Also spoke with site personnel. Bees not a problem today.</p>
Tsegaye Mengistu	5/2/2012	5:30:00 AM	4:00:00 PM	Plant Site, Access Road	YES	5 flying, 3 ground	YES	N/A	N/A	<p>Clearance survey in block 3, 4 and CSAA area. Removed 3 sidewinder rattle snake from back 2 unit 2 relocated outside of project site. Conducted common raven fixed point observation. Telemetry reading at guard site and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary fence</p>
Eric German	5/3/2012	7:45:00 AM	5:15:00 PM	Plant Site, Access Road	YES	3 flying around common area.	YES	N/A	Dead snake that was reported on April 30 was disposed of by workers. Workers	<p>Inspected access road. No findings</p> <p>Inspected power blocks 1 and 2. Standing water at water tank was minimized. No other findings.</p> <p>Checked trenches and pitfalls. No findings.</p>

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
									were re-educated to contact compliance team if finding wildlife dead or alive that needs removal.	Inspected site for bees. No findings.
Tsegaye Mengistu	5/3/2012	5:30:00 AM	4:30:00 PM	Plant Site, Access Road	YES	6 flying 5 ground	YES	N/A	N/A	Clearance survey in block 1, 2, 3, 4 and CSAA area. Removed sidewinder rattle snake from block 4 unit 1 relocated outside of project site. Telemetry reading at guard site and switched off camera memory cards. Checked largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary fence.
Eric German	5/4/2012	7:45:00 AM	3:00:00 PM	Plant Site, Access Road	YES	4 flying.	YES	N/A	N/A	Monitored access road. Assisted with jack rabbit road mortality disposal. No other findings. Inspected trenches and pitfalls. Received report of sidewinder in trench. Removed sidewinder from trench and site. No other findings. Inspected site for bees. Very few, less than twenty seen throughout site. No bee problems reported. Set up second guard camera for DKF monitoring. Dust abatement and water minimization at water tanks appeared appropriate. No standing water.
Tsegaye Mengistu	5/4/2012	5:00:00 AM	12:30:00 AM	Plant Site, Access Road	YES	3 flying 2 ground	YES	N/A	N/A	Removed sidewinder rattlesnake from block 2, unit 1relocated outside of project site. Telemetry reading at guard site and switched off camera memory cards. Checked largo, Sukut, Newtron and ARB equipment lay down area for any Bio-resource. Road kill between poles 103-104 (jack rabbit) properly disposed. Checked DT exclusionary fence
Eric German	5/7/2012	7:30:00 AM	5:00:00 PM	Plant Site, Access Road	NO	Too windy.	YES	N/A	N/A	Monitored access road. Very windy blowing sand across road. No findings. Inspected caisson area and laydowns. No findings. Inspected power block 2. No findings. Water tanks had minimal ponding, minimized by tractor. Inspected trenches and pitfalls. No findings. Site shut down due to wind. Worked on monthly report.
Matt Kedziora	5/7/2012	5:34:00 AM	2:05:00 PM	Plant Site, Access Road	YES	1 seen, Unit 1 power block, flying overhead	YES	N/A	N/A	Arrive at guard shack 0530. Monitor access road. High winds (10-20 mph), low visibility. Monitor caisson construction in Unit 2, then to guard shack for fox monitor with telemetry/ change camera card.

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										<p>Site shut down due to winds at 0900. Return to office to rig up 2nd guard shack camera set.</p> <p>Off to change other KFox cameras at 0923. Change all end 1030</p> <p>1030-1055 to unit 1 power block water tower check and look at trenches</p> <p>1100-1200 download fox data and do reporting</p> <p>1200-1215 review Safety, Health, and Environment Management Plan</p> <p>1215-1255 check for LOSH in CSAA area, not seen</p> <p>1300-1409 install new camera at guard shack</p> <p>1410 end of day</p>
Eric German	5/8/2012	7:30:00 AM	5:15:00 PM	Plant Site, Access Road	YES	3. Report of raven eating food waste.	YES	N/A	N/A	<p>Monitored access road. No findings. Inspected laydown areas. No findings. Inspected caisson area. No findings.</p> <p>Received report of KRat in power block 2, removed KRat and released off site.</p> <p>Inspected trenches and pitfalls. No findings.</p> <p>Notified to of lizard in power block 2, removed and released.</p> <p>No other findings in power block 2.</p> <p>Inspected shrike nest in CSAA Shrike not seen.</p>
Matt Kedziora	5/8/2012	5:22:00 AM	3:25:00 PM	Plant Site, Access Road	YES	5 total all day-flying.	YES	N/A	N/A	<p>0530 guard shack. Receive both KFox at 0540. Monitor access road unit 0730 for speeding and roadkills.</p> <p>0730-0815- CSAA area look for LOSH, no sign</p> <p>0815-0845- office prepare for day, get equipment for cameras.</p>

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										0845-0900 meet with DB Eric in Unit 2 to discuss data 0900- head to change guard shack den cameras  1000- hike Unit 1 DT fence line 1100 change 1KMS camera, wind picks up significantly, 1 CORA on fenceline 1115- change s. fence camera and fix one split in fence 1135- CORA north fence Unit 1 1315- back at office, CORA present 1200- change 8 west camera 1400- check water tower and trenches at Unit 1 power block. No bees or standing water  1430-1515 check LOSH nest in CSAA for eggs- none  1525- off site end of day
Eric German	5/9/2012	8:00:00 AM	6:30:00 PM	Plant Site, Access Road	YES	2 flying.	YES	N/A	N/A	08:00/11:30 Monitored access road Spoke with surveyor and reminded him to check under vehicle. No other findings. Inspected trenches and pitfalls power block 2. No findings. 09:00 Inspected power block 2 and caisson area. No findings. Inspected water tanks for ponding. Slight ponding noted. Minimized prior to reporting. Pallid Bees noted at west side of power block 2. 08:00/11:30 Monitored access road. Spoke with surveyor and reminded him to check under vehicle. No other findings. Inspected trenches and pitfalls power block 2. No findings. 09:00 Inspected power block 2 and caisson area. No findings. Inspected water tanks for ponding. Slight ponding noted, minimized prior to reporting. Pallid Bees noted at west side of power block 2. 11:00 meeting. 12:00 MCR 14:00 meeting 15:30. Instructed bio on sound machine.

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										1600 MCR
Matt Kedziora	5/9/2012	5:00:00 AM	3:45:00 PM	Plant Site, Access Road	YES	1 CORA flying 0710, unit 1 south	YES	N/A	Species- RTHA, rock dove, Mojave fringe toed lizard, zebra-tailed lizard, song sparrow, CORA	<p>0500 start monitoring AR. Receive 160.044 at guard shack at 0504, receive 160.1195 at 0526. VERY poor visibility at dirt stretch before and after guard shack, no water truck yet, this is where fox are, and thus is a hazard.</p> <p>0545 red tailed hawk on AR pole near main gate</p> <p>0546 first water truck out of gate</p> <p>0700 head to CSAA to look for LOSH</p> <p>0710- 2 CORA Unit 1 south in air</p> <p>0805- end monitor inactive LOSH nest in CSAA</p> <p>0810- change 8 west</p> <p>0840-1040- walking survey of DT fence in Unit 2, along way see fringe toed lizard and zebra tailed lizard, song sparrow</p> <p>1100-1130 lunch</p> <p>1130- change Guard den camera out</p> <p>1205- change KMS camera</p> <p>1224- change S fence camera</p> <p>1235- to office to download fox info and update monitoring tables</p> <p>1330- enter Unit 1 for construction monitoring, check laydown yards fir nesting activity</p> <p>1400-1440- check water pipe trenches and water tower at Unit 1 power block construction area.</p> <p>1445- office, meet Eric for tutorial about acoustic monitoring</p> <p>1545- off site, end of day</p>
Eric German	5/10/2012	8:30:00 AM	5:30:00 PM	Plant Site, Access Road	YES	4 flying	YES	N/A	Weather note: 100% dust haze all day.	<p>0815 monitor access road</p> <p>0830 report of sidewinder caisson area unit 2 Snake removed.</p> <p>0845 inspect caisson area and power block unit 2. Bees noted in PB 2.</p> <p>1000 inspect unit 1 including trenches and pitfalls, water tanks and laydowns. Bees were noted at water tank 1. Food litter noted at water tank 1. Reported both findings.</p> <p>11:00 meeting.</p> <p>12:00 walkthrough of previously surveyed area on westside of unit 1. Both shrikes were seen. No other findings.</p> <p>13:30 meeting.</p>

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										14:00 meeting. 15:00 reports. 17:00 monitored access road.
Matt Kedziora	5/10/2012	5:02:00 AM	3:00:00 PM	Plant Site, Access Road	NO	None observed	N/A	N/A	Species:  Horned lizard, LOSH, sidewinder, prairie falcon, zebra tailed lizard	0502 arrive at guard shack, receive both fox at 0507 0507-0700 monitor access road, no speeding 0556- pickup dead kangaroo rat at pole 104; appears to be from late yesterday 0715- to CSAA area see shrike 0737 on tree south out of fence, prairie falcon as well 0808 change 8 west camera 0830- get call from eric that snake is in Unit 2 caisson construction area 0859 in bucket 0926 released south of access road by speed radar set up 0950 change out guard camera, see horned lizard 1040-1055- lunch 1115- change KMS 1130- change S fence camera 1140- office for data download 1200- to the NW CSAA area for general survey with Eric 1237- pair or shrikes observed at old nest site 1310- done in CSAA 1320- get sound monitoring device from office, head to Unit 2 caisson construction site for monitoring 1349- begin monitoring at caisson site 1429- wind blows over device, monitoring over 1440 return to office, backup files 1500- end of day
Eric German	5/11/2012	8:15:00 AM	3:45:00 PM	Plant Site, Access Road	YES	3 flying, 2 beneath water tank.	YES	N/A	N/A	06:45 received call a crew was looking for cultural monitor. Left message with cultural. Gave cultural contact info to requesting party. 08:15 monitored access road. No findings. 09:00 walkthrough to check for any biological items on west side of unit 1. No findings 10:00 noted ravens at water tank near power block 1. Reported to

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										compliance. Inspected power block1. No findings. 11:30 say's phoebe noted near trailers. Notified/asked compliance to assist with hanging caution tape for flagging. 1300 bird deterrent installed on trailers. 1515 sent DKF weekly summary data. 1525 inspected power block 2. No findings. Inspected trenches and pitfalls throughout day.
Matt Kedziora	5/11/2012	5:15:00 AM	12:50:00 PM	Plant Site, Access Road	YES	1 at guard shack	YES	N/A	Species: Sidewinder, whiptail, says phoebe, CORA, zebra-tail lizard	0548- receive 116.445 Yentl 0550- CORA guard shack 0630- clean out DT grate at main entrance 0650- pick up acoustic equipment and camera cards at office 0655- Say's phoebe at office 0705- CSAA- set up acoustic equipment at LOSH tree. No birds present 0744- walk to 8 west and change out camera card 0711- begin baseline noise monitoring at trees in CSAA. Temp 72, no wind, sun 0740- sidewinder near 8 west camera fenceline 0815- change S fence camera 0830- change KMS cameras 0841- end noise monitoring, get minimum noise level but maximum says it is from yesterday, something is funky. I didn't reset after yesterdays monitoring. 2 pics taken of site. Mic nipple appears to be inverted. 0927- search with Eric in buffer west of CSAA exclusionary area, end 0945. 0950- take photos of LOSH nest 1030- change guard cameras 1050- office for data download 1250- end of monitoring day
Shelly Dayman	5/14/2012	9:30:00 AM	5:15:00 PM	Access Road, Plant Site	N/A	N/A	YES	N/A	N/A	0930 - monitored access road, no mortalities or speeding observed 1030 - office, biomonitor daily report sent to ECM and DB, review of DT translocation/relocation plan and BO for linear facilities 1230 - checked west side of powerblock 1 with intact veg for bio

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										resources, no nesting birds, WBO or kit fox incidentally observed 1300 - checked for ponding under water buffalos, some noted under one but not significant 1330 - checked powerblock 2, speed within limits, no trash observed 1400 - daily compliance meeting, found out that notice to resume work in exclusion area of block 1 is expected Wednesday, so area will be checked tomorrow for bio resources 1500 - field prep for surveys in AM , call with Tsegaye and eric 1600 - check in blocks 1 and 2 1700 - access road 1720 - end of day
Tsegaye Mengistu	5/14/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	5 flying 3 ground	YES	N/A	N/A	Joined Sukut JHA meeting at 5:30 am. Checked loggerhead shrike nest area at 6:30 am no shrike observed. Removed sidewinder rattle snake from block 2 unit 1 relocated outside of project site. Telemetry reading at guard site at 10:30 am and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment lay down area for any bio-resource. Checked DT exclusionary fence.
Eric German	5/15/2012	7:45:00 AM	5:15:00 PM	Plant Site, Access Road	YES	4 flying	YES	N/A	N/A	07:45 monitored access road. No findings. 08:00 monitored unit 2 activities. Noted large container labeled and covered for trash. Noted a trailer of trash that should be covered. Reported to compliance. Noted water ponding under water tank. Reported to compliance, ponding minimization achieved through regular activities. No issue. 09:30 Pallid Bees (noted in area of water tank 1 and 2). Honey bees at water tank 0. Walked powerblock 1. Noted some food litter, picked up. Inspected trenches and pitfalls. 10:30 review DKF photos. 11:30 check DKF cameras. 13:00 inspect block 4. 14:00 meeting 15:30 inspect water tank areas. Reported leak at well head. To be repaired today. Inspect power block 1. No findings. Throughout day inspect trenches, pitfalls and laydown areas. Some litter site looked good. 17:15 inspect access road. No findings.

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
Tsegaye Mengistu	5/15/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	4 flying 2 ground	YES	N/A	N/A	Joined Sukut JHA meeting at 5:15am. Conducted nesting bird surveys at block 1,2,3 and CSAA. Checked loggerhead shrike nest area at 7:30 am no shrike observed. Telemetry reading at guard site at 1:30 pm and switched off camera memory cards. Checked Largo, Sukut, Newtron and ARB equipment laydown area for any bio-resource. Checked DT exclusionary fence.
Eric German	5/16/2012	7:30:00 AM	5:30:00 PM	Plant Site, Access Road	YES	3 perched, 2 flying	YES	N/A	N/A	0715 received notification to remove snake. Unit 1. Met bio and reporting party. Snake (sidewinder) removed. 0800 received notification to remove second snake. Snake (sidewinder) removed. 08:30 reported ponding water at water tank 2. Puddle was minimized. 0730/0900 monitored access road. No findings. Inspected outside the fence pipeline right of way. No findings. 11:00 meeting. 12:00 survey test trench sites. 14:00 meeting. 15:00 monitor unit 1 finish grade and watering. 16:00 observed CSAA shrike tree. 2 ravens in tree proximate to south. Shrike not seen. 16:45 return to trailer. 17:15 monitor access road. No findings.
Tsegaye Mengistu	5/16/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	6 flying 2 ground	YES	N/A	N/A	Joined SPX JHA meeting at 6:00am. Conducted survey at block 1,2,3, 4 and CSAA. Checked loggerhead shrike nest area at 7:00 am no shrike observed. At 8:05 am removed sidewinder rattlesnake from black 10 unit 2 , relocated outside of the project site. Telemetry reading at guard site at 8:30 am and switched off camera memory cards. Checked Largo, Sukut, Newtron, SPX and ARB equipment lay down area for any bio-resource. Checked DT exclusionary fence 100% completed.
Eric German	5/17/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	YES	3 flying.	YES	Signs are becoming windblown.	N/A	07:30 pedestrian pass of future gas transmission pipeline. 10:45 monitor access road. No findings. 11:30 assist with DKF monitoring and raven data. 14:00 meeting. 15:00 inspect common area. Litter appeared to be in its place. 15:30 informed that gas transmission work would like to begin earlier than the scheduled June 11 date.

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										16:00 inspect unit 1. No findings. 18:00 leave site.
Tsegaye Mengistu	5/17/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	3 flying 2 ground	YES	N/A	N/A	Joined SPX JHA meeting at 6:00am. Conducted common raven fixed point observation. Checked loggerhead shrike nest area at 9:30 am no shrike observed. At 9:45am removed sidewinder rattlesnake from block 4, unit 1 relocated outside of the project site. Telemetry reading at guard site at 10:10 am and switched off camera memory cards. Checked Largo, Sukut, Newtron, SPX and ARB equipment lay down area for any bio-resource. Checked DT exclusionary fence.
Eric German	5/18/2012	7:20:00 AM	4:00:00 PM	Plant Site, Access Road	YES	3 flying	YES	Signs are wind blown.	N/A	07:20 notified of possible DKF den, confirmed active upon arrival, set up buffer, notified agencies. 08:15 notified of bird mortality. Bird removed for disposal. 09:00 set up DKF den buffer. 0684021 3727599, mid block 2, unit 1. 10:00 notified of snake(sidewinder) in powerblock 1. Biomonitor removed. 12:00 inspected common area and parking lot. No findings. 12:30 reports. Monitored access road in morning and afternoon. Throughout day inspected trenches, pitfalls, and laydowns. No findings.
Tsegaye Mengistu	5/18/2012	5:00:00 AM	3:30:00 PM	Plant Site, Access Road	YES	2 flying 2 ground	YES	N/A	N/A	Joined SPX JHA meeting at 5:45 am . Conducted survey at the trench location in unit 1 block 2 and 3. Located new DKF during survey and the den appeared to be active, fresh scat and truck present. Checked loggerhead shrike nest area at 6:45 am no shrike observed. At 9:35 am removed sidewinder rattlesnake from block 7 unit 1 relocated outside of the project site. Telemetry reading at guard site at 10:00am and switched off camera memory cards. Checked Largo, Sukut, Newtron, SPX and ARB equipment lay down area for any bioresource. Checked DT exclusionary fence.
Andrew Fisher	5/21/2012	5:39:00 AM	5:23:00 PM	Plant Site, Access Road	YES	One CORA observed on top of power pole in unit 1 common area.	YES	N/A	N/A	Patrolled ingress and egress main access road during morning traffic flow to monitor and regulate traffic speed. Surveyed western portion of exclusion area for ground penetrating radar. Checked loggerhead shrike nest and exclusion area one strike observed but no nesting activity. Loggerhead shrike nest appears in active. Swapped out all 6 DKF wildlife cameras and downloaded pictures. Biologist patrolled unit 2 power block and did not notice any signs of noncompliance. The desert kit fox wildlife camera set up on May 18 in the cultural exclusion area was observed to be nonfunctioning because of low battery. The

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										wildlife camera was fixed new batteries were replaced and it was replaced in working condition. One dead Mojave Fringe-toed lizard was observed on the main access road it was photographed and disposed of.
Eric German	5/21/2012	7:15:00 AM	6:00:00 PM	Plant Site, Access Road	N/A	N/A	YES	N/A	N/A	07:15. Inspect access road. No findings. 08:15 survey/inspect portion of western exclusion zone. No nests or birds exhibiting nesting behavior observed. 0945 had LOSH nest inspected appears to be inactive. 11:30 Changed camera card at May 18. Inspected Water tank and power block 1. Inspected trenches and pitfalls. No findings. Asked water truck drivers about bees. No bee problems reported. 1600 unit 1 block 4 walk around DKF tracks on western edge, no other findings. LOSH not seen in CSAA.
Andrew Fisher	5/22/2012	5:58:00 AM	4:15:00 PM	Plant Site, Access Road	YES	2 common ravens observed flying over the common area at 1545.	YES	N/A	N/A	At 0537 Biologist conducted main road speed limit survey for morning traffic flow. At 0615 biologist swept new cut area prior to scrapers to remove any wildlife and no wildlife observed. One Wilson's warbler observed feeding on insects in fresh cut area. At 0730 biologist swapped out DKF wildlife camera cards and ensured all batteries were charged. At 1010 moved the wildlife camera set up near the guard shack 90 degrees to the south to try and get better kit fox photos and target a different part of the burrow complex. Downloaded all wildlife cameras and filled out the desert kit fox reporting form. No DKF were observed on the new wildlife camera that was set up in the cultural exclusion area to monitor the new kit fox burrow that was found on May 18 and is labeled May 18. At 1230 checked the cut area after scrapers had gone through and no dead or injured wildlife were observed. At 0940 checked the DKF radio collar frequencies and both collared foxes are alive and well. At 1000 conducted mortality check along the main access road and no dead wildlife were found. At 1300 filled out the necessary wildlife reporting forms for an MFTL in block 4 of unit 1. At 1500 drove over to the active cut area and no wildlife issues were noted. Drove around unit 1 and did not see any noncompliance issues.
Eric German	5/22/2012	7:15:00 AM	5:45:00 PM	Plant Site, Access Road	YES	2 perched on ground.	YES	N/A	N/A	0715 monitor access road. Removed kangaroo rat mortality and buried for disposal. No other findings.

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										<p>08:00 Notified of sidewinder mortality on dirt road unit 1. Removed and disposed.</p> <p>0830 walk block 1 western edge prior to scraping. No findings.</p> <p>10:00 meeting</p> <p>10:15 notified of live sidewinder unit 1 block 5. Removed and released.</p> <p>10:30 notified of lizard with orange dots (leopard lizard). Lizard was struck by vehicle prior to removal. Removed and disposed by burial.</p> <p>12:00 inspected power block 2. Picked up some litter. No other findings.</p> <p>14:00 meeting</p> <p>15:45 completed MFTL mortality notification.</p> <p>16:00 reviewed kit fox on site status.</p>
Andrew Fisher	5/23/2012	5:32:00 AM	5:23:00 PM	Plant Site, Access Road	YES	One CORA was observed perched atop a utility pole in the common area at 1130.	YES	N/A	N/A	<p>0533 biologist monitored the flow of traffic to ensure the proper speed limit was followed. 0645 all 6 of the desert kit fox cameras were checked and the battery levels were confirmed to be sufficient for each camera. The DKF burrow at Mid South was checked to look for activity since there is no camera in place and there were no DKF tracks. All the DKF camera data was downloaded and entered. 1000 the biologist released two sidewinder rattlesnakes at least 400 meters north and east of the main access road. At 1045 the biologist walked the northern most turn-out right before the main entrance to the solar field in the southeast corner of unit 2 block 10. Several vehicles had been stuck at this turn-out and a tractor ripped and then compacted the soil to prevent further vehicles from being stuck. At 1200 the biologist drove around the parked scrappers to ensure that they were not leaking hydro fluid onto the ground. All scrappers were in compliance. At 1230 the biologist was contacted to retrieve another sidewinder but it was already dead upon arrival and it was buried offsite. At 1300 the biologist went to Blythe to get fuel for the buggies and diatomaceous earth to act as tracking media to place in front of the May 18 burrow which is located in the cultural exclusion area in block 2 of unit 1. At 1500 biologist smoothed out the dirt apron in front of the May 18 burrow. The smooth dirt was determined to be sufficient to see DKF tracks in the morning. The camera was reinforced with more wire to hold it in place. Then at 1545 biologist drove around part of the desert tortoise exclusion fence to examine the electrical wires. Several corners had loose wire on the lower third strand and this was reported in order to be repaired. One water truck parked in the southeast corner of solar</p>

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										block 8 in unit 1 was leaking water and this was reported to the DB. All other issues were in compliance.
Eric German	5/23/2012	7:15:00 AM	6:40:00 PM	Plant Site, Access Road	YES	2 perched on ground.	YES	N/A	Discussions with botanist regarding outside the fence activities.	<p>0715 inspected sections of the outside the fence gas transmission line</p> <p>0715 monitored access road. No findings.</p> <p>0845 arranged to have a turnout surveyed for maintenance. No findings.</p> <p>0900 notified of snake in unit 2, removed and released.</p> <p>1100 meeting</p> <p>1230 inspected/monitored power block 2 and unit 2 laydowns. No findings.</p> <p>1400 meeting</p> <p>1445 agency contact regarding DKF</p> <p>1530 inspected Unit 1: smoothed apron of May 18 fox den, checked electric fence, walked portion of CSAA, parked water truck was causing ponding reported to ECM and the ponding was minimized.</p> <p>1800 inspect water tank 2. No findings</p> <p>1810 inspect access road. A round tailed ground squirrel mortality was found. Removed from access roads and disposed of.</p>
Andrew Fisher	5/24/2012	5:02:00 AM	6:01:00 PM	Plant Site, Access Road	YES	1 raven @ guard shack, foraging on ground @ 8:30 am.	YES	N/A	N/A	<p>5:30 AM conducted road survey and checked speed on access road</p> <p>6:30 checked DKF wildlife cameras. Observed two locations along southern boundary of solar block 4 in unit 1 where DKF jumped over fence. Fence intact @ both locations. Photos taken. 7:30 checked camera @ DKF burrow named May 18, no DKF tracks observed on apron of burrow (smoothed out yesterday). 9 AM conducted roadkill survey, observed badger tracks, badger had traveled in the night from one sand dune across the road to another sand dune and headed south towards Ford Dry Lake. 10 AM sidewinder captured from solar block 2 in unit 1 and relocated offsite. 11 AM conducted DKF, WBO and nesting bird transects through the cultural exclusion area where trenching is to occur. 2 PM surveyed DT exclusion fence perimeter, fence intact. DKF electrical fence had two problem spots where the lower third wire had come off the yellow bracket, did not appear to compromise the fence but was reported to the DB and will be fixed. 4:30 PM set up second camera at the May 18 burrow and also set up camera along the southern boundary of solar block 4 in unit 1 where the desert kit fox had jumped over the fence.</p>
Eric German	5/24/2012	7:15:00 AM	7:00:00 PM	Plant Site,	YES	2 flying/foraging	YES	N/A	N/A	0715 monitor access road. One mortality found at 0730

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
				Access Road						0730 removed and disposed of road mortality(KRat). 0750 inspect power block 2. No findings. 0900 informed of possible trenching in unit 1. 1000 sidewinder removed from unit 1. 1100 unit one test trench walk thru. 1400 meeting, notified of overturned portapotty unit 2 SE corner. 1545. More unit 1 surveys for cultural trenching. 1615 monitor cultural test boring mobilization.
Andrew Fisher	5/25/2012	5:40:00 AM	10:15:00 AM	Plant Site, Access Road	YES	One CORA was observed at 8:30 am flying over the cut area in unit 1 solar block 4.	YES	N/A	N/A	Arrival at 5:30 AM two vehicles observed speeding along the main access road. One vehicle was a blue cement truck which exceeded a 35 mph posted speed limit in the second vehicle was a yellow ford truck that also exceeded the 35 mph speed limit. At 7:00 the biologist checked the proposed trench locations for cultural trenching in the cultural exclusion area and no wildlife issues were noted. At 8:00 checked all wildlife cameras at kit fox burrows. Confirmed that the May 18 burrow does not have a kit fox currently using it. At 9:30 relocated a sidewinder off site. Drove down to guard shack and patrolled the main access road for roadkill.
Eric German	5/25/2012	6:15:00 AM	4:30:00 PM	Plant Site, Access Road	YES	1 flying near common area.	YES	N/A	N/A	0615 inspect access road. Camper/trailer observed by connex. Owner has been contacted. No other findings. 0745 removed CSAA shrike nest buffer. 0830 notified of sidewinder block 2. Removed by safety from power block and removed from site by biologist. 1030 cultural test trenches, observed desert iguana and escorted cultural dignitaries on foot to view DKF den. 1330 retrieved GPS point for camera where foxes have been jumping fence. 1600 inspected access road, grader parked on southside of road east of guard shack. Area where camper/trailer was parked was cordoned off by project personnel to prevent parking. 1620 reported water leaking from water truck parked at guard gate.
Eric German	5/26/2012	7:15:00 AM	11:00:00 AM	Plant Site, Access Road	N/A	N/A	YES	N/A	N/A	0730 checked water trucks at guard gate. One water tank leaking water. Notified compliance No other findings. 0800 cultural test trench safety. Clear area for trenching, trench 3. No findings.

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
										0910 inspect trench 7 area. No findings. 1030 monitor access road. No findings.
Eric German	5/29/2012	7:30:00 AM	6:30:00 PM	Plant Site, Access Road	N/A	N/A	N/A	N/A	N/A	0715 received report of snake in torque tube laydown area. Notified bio of snake.
Tsegaye Mengistu	5/29/2012	5:15:00 AM	3:30:00 PM	Plant Site, Access Road	YES	2 flying 2 ground	YES	N/A	N/A	Conducted survey in block 2 and block 3 in unit 1 at 5:30am. Moved road kill (Coachwhip) on access road between pole # 24 and 25 at 10:00am. Checked equipment lay down areas at Largo, ARB, Newtron, Sukut and SPX site. Telemetry reading at guard station at 10:20am. Conducted DKF activity and switched camera cards.
Eric German	5/30/2012	7:30:00 AM	5:15:00 PM	Plant Site, Access Road	YES	1, perched on ground.	YES	N/A	N/A	0725 while driving to site was notified of a dirty tractor at guard gate. Instructed guard to turn truck around to get tractor cleaned. 0730 arrived on site. Rig with dirty tractor was brought to first turn around and turned around. Continued up access road and inspected access road. No other findings. 0800 meeting 0930 inspection of kit fox den, May18, no prints observed. On way to fox den inspected common area laydown area. No findings. 1015 added more deterrents at inactive LOSH tree and proximate tree. 1100 meeting. 1145 inspected and walked unit 1, including Power block 1, trenches, pitfalls and caissons. Noted some litter in trench; it will be reported to compliance. No other findings. 1400 meeting 1500 checked on guard den foxes. On way to den inspected access road. No findings. Two days no signal from Lil tom. If no signal tomorrow will contact CDFG. 1600 delineated parking areas near guard shack with flagging to prevent spread of disturbance. 1715 left site.
Tsegaye Mengistu	5/30/2012	5:00:00 AM	5:00:00 PM	Plant Site, Access Road	YES	2 flying.	YES	N/A	N/A	Conducted common raven fixed point survey. Surveyed block 2 and block 3 in unit 1 at 9:30am. Shrike by the nest on northern tree observed. Moved road kill (K. Rat) on access road between pole # 97 and 98 at 10:55 am. Checked equipment lay down areas at Largo, ARB, Neutron, Sukut and SPX site. Telemetry reading at guard station at 5:15 am and at 11:10. Conducted DKF activity and switched camera cards.

# Genesis Solar - BM Daily Summary Report (Part 4 of 4)



Monitor	Date	Start Time	End Time	Sites Monitored	Common Ravens Present?	Comment	All ESAs and other bio-related exclusion areas marked and avoided?	Comment	Additional Comments	Activities Log
Eric German	5/31/2012	8:45:00 AM	7:45:00 PM	Plant Site, Access Road	YES	2 flying	YES	N/A	Report of great blue heron flying site	<p>0755 called bio monitor for update on Lil tom, guard shack male. No ping has been heard Tuesday, Wednesday, or this morning. 0758 called CDFG vet to inform of not hearing ping left message.</p> <p>0815 informed of possible DKF mortality on highway.</p> <p>0825 drove offsite to visually inspect road and highway proximate to site for possible DKF mortality. No findings.</p> <p>0840 Spoke with CDFG vet on phone.</p> <p>Continued back to site surveyed access road. No findings.</p> <p>0930 meeting</p> <p>1030 inspected DKF den May18. Camera card changed. No prints or sign seen. When camera card was viewed (1530)one fox was seen possibly two. Notified agencies.</p> <p>1100 meeting</p> <p>1200 inspected access road and met CDFG vet.</p> <p>1300 inspected power block 2 area no findings.</p> <p>1400 meeting. Notified compliance of litter in trench from yesterday.</p> <p>1500 perused DKF data. DKF viewed at den May18.</p> <p>1700 applied tracking medium(BIO-17),diatomaceous earth, at den May18 entrance to assist with confirming den activity status.</p> <p>1800 prepare for morning surveys.</p> <p>1845 off-site.</p>
Tsegaye Mengistu	5/31/2012	5:35:00 AM	4:30:00 PM	Plant Site, Access Road	YES	2 flying.	YES	N/A	N/A	<p>Conducted survey in block 2 in unit 1 at 7:00am. Shrike by the nest on southern tree observed. Checked equipment lay down areas at Largo, ARB, Neutron, Sukut and SPX site. Telemeter reading at guard station at 5:35 am and at 12:20 pm. Conducted DKF activity and switched camera cards. Checked DT exclusionary fence and it is 100% intact.</p>

**ATTACHMENT 5**

**SURVEY DATA FORMS**



# **PRE-CONSTRUCTION NESTING BIRD SURVEY REPORT**

## **May 2012 Genesis Solar Energy Project Pre-Construction Nesting Bird Survey Report**

Pre-construction nest surveys are required prior to Genesis Solar Energy Project (Project) related ground disturbance activities per Conditions of Certification BIO-15 for the Genesis Solar Energy Project (GSEP). The entire GSEP area and associated buffers were cleared prior to initiation of construction activities in 2010; however, construction in some areas was stopped due to cultural resources issues or other schedule delays. As a result, areas that had not had active construction in more than three weeks were re-cleared as deemed appropriate by the Designated Biologist. The results of supplemental clearance surveys are provided in supplemental reports submitted with the Monthly Compliance Reports.

Included in this report are the findings from avian surveys completed on May 15, 16, 18, 21, and 24, 2012. In addition, this report includes nest monitoring visits on May 7, 8, 9, 10, 11, 15, 16, 17, 18, and 21, 2012 for the Loggerhead shrike (*Lanius ludovicianus*) nest detected on February 17, 2012. This nest was deemed inactive during the May monitoring and reporting period.

### **Preconstruction Nest Surveys**

#### *METHODOLOGY*

Project biologists Tsegaye Mengistu, Eric German, and Andrew Fisher conducted preconstruction nest surveys associated with cultural testing sites within the cultural exclusion area between May 15 and 24, 2012. Surveys were conducted in Unit 1, Blocks 2 and 3. Surveys were conducted generally at dawn with exact survey times, temperatures and weather conditions as per the table in Appendix A. Surveys were conducted within the staked cultural testing sites and associated buffers. All incidental bird sightings were noted. Birds which were detected were then observed from a distance in-order to watch their behavior to see if they exhibited any breeding season behavior (nest defense, carrying nesting material, food transport, etc.) or were simply transients birds foraging or migrating through the area.

#### *RESULTS*

The area was sparsely vegetated. Vegetation consisted primarily of creosote (*Larrea tridentata*), burro-weed (*Ambrosia dumosa*), and plantain (*Plantago* sp.). These species are typical of a Sonoran creosote bush scrub plant community. A previous vegetation mowing operation was evident due to the low profile and re-sprouting of creosote in the survey area.

No species were found within the survey area; however some species were identified south of the survey area. While three bird species were observed, western kingbird (*Tyrannus verticalis*), horned lark (*Eremophila alpestris*) and common raven (*Corvus corax*), no nesting behavior was seen and no nests were observed.

## **Loggerhead Shrike Nest Monitoring**

### *ONGOING MONITORING*

Project biologists Matt Kedziora, Tsegaye Mengistu, Eric German, and Andrew Fisher conducted monitoring surveys on May 7, 8, 9, 10, 11, 15, 16, 17, 18, and 21, 2012 for the Loggerhead shrike nest detected on February 17, 2012. The nest was approached when the shrike was not present, and special consideration was given to ensure no predators [common raven (*Corvus corax*)] were in the area. The nest was determined to be empty (no eggs or chicks) on May 8, 2012. Adults were generally not present at the nest site through May 21 and ravens were observed in the vicinity on May 16, 2012. On May 23, 2012 the wildlife agencies were notified that the shrike nest was deemed to be inactive. On May 25, 2012 the buffer surrounding the nest was removed. Nesting deterrents were installed on May 25 and May 30, 2012.

### **Attachments:**

Appendix A - Field Data

Appendix B – Photos

## **APPENDIX A**

### **FIELD DATA**

**PRECONSTRUCTION NESTING SURVEY DATASHEETS**

# Genesis Solar – Preconstruction Nesting Summary Report (Part 1 of 2)



Surveyor	Date	Start Time	End Time	Areas Monitored	Nest ID	Start UTM Northing	Start UTM Easting	End UTM Northing	End UTM Easting	Start Temp (°F)	End Temp (°F)	Weather Conditions	Cloud Cover	Nest Information	Nest UTM Northing	Nest UTM Easting
Tsegaye Mengistu	5/15/2012	6:30:00 AM	9:40:00 AM	Plant Site	N/A	3728056	688413	3727883	683212	79	92	Sunny	0%	N/A	-	-
Tsegaye Mengistu	5/16/2012	5:30:00 AM	9:30:00 AM	Plant Site	N/A	3726668	689497	3727441	689525	77	97	Sunny	0%	N/A	-	-
Eric German	5/16/2012	12:10:00 PM	1:15:00 PM	Plant Site	N/A	3727671	684119	3727117	683953	98	102	Sunny	0%	N/A	-	-
Tsegaye Mengistu	5/18/2012	6:30:00 AM	10:30:00 AM	Plant Site	-	3727706	684184	3727399	683527	77	96	Sunny	0%	-	-	-
Eric German	5/21/2012	8:43:00 AM	9:30:00 AM	Plant Site	-	3727680	683197	3727684	683395	82	-	Sunny	0%	-	-	-
Andrew Fisher	5/21/2012	8:43:00 AM	9:55:00 AM	Plant Site	-	683208	3727682	683392	3727687	82	85	Sunny	0%	-	-	-
Eric German	5/21/2012	4:20:00 PM	5:05:00 PM	Plant Site	-	3727058	683515	3726735	683502	107	109	Sunny	0%	-	-	-
Eric German	5/24/2012	-	-	Plant Site	-	3727121	683955	3727272	683943	96	97	Windy	0%	-	-	-
Eric German	5/24/2012	11:00:00 AM	1:30:00 PM	Plant Site	-	3727731	683416	3727691	684144	88	94	Sunny	0%	-	-	-
Andrew Fisher	5/24/2012	11:03:00 AM	1:29:00 PM	Plant Site, cultural exclusion area in solar blocks 2 and 3 of unit 1.	-	3727686	683403	3727697	684183	92	98	Sunny	0%	-	-	-

# Genesis Solar - Preconstruction Nesting Summary Report (Part 2 of 2)



Surveyor	Date	Start Time	End Time	Areas Monitored	Nest ID	Nest Microhabitat	Nest Stage	No. of Eggs	No. of Young	No. Fledged	Adult Location	Nest Disposition	Buffer Established?	Buffer Distance (feet)	Distance to ROW (feet)	Comments
Tsegaye Mengistu	5/15/2012	6:30:00 AM	9:40:00 AM	Plant Site	N/A	N/A	N/A	0	0	0	N/A	N/A	N/A	0	0	No nesting birds observed.
Tsegaye Mengistu	5/16/2012	5:30:00 AM	9:30:00 AM	Plant Site	N/A	N/A	N/A	0	0	0	N/A	N/A	N/A	0	0	No nesting bird observed.
Eric German	5/16/2012	12:10:00 PM	1:15:00 PM	Plant Site	N/A	N/A	N/A	0	0	0	N/A	N/A	N/A	0	0	Western kingbird seen in vicinity of trailers. Not in surveyed area.  No nests or birds observed exhibiting nesting behavior
Tsegaye Mengistu	5/18/2012	6:30:00 AM	10:30:00 AM	Plant Site	-	-	-	0	0	0	-	-	-	0	0	No nesting bird observed. DKF den located in unit 1 block 2.
Eric German	5/21/2012	8:43:00 AM	9:30:00 AM	Plant Site	-	-	-	0	0	0	-	-	-	0	0	1 western kingbird observed. No nests or birds exhibiting nesting behavior.
Andrew Fisher	5/21/2012	8:43:00 AM	9:55:00 AM	Plant Site	-	-	-	0	0	0	-	-	-	0	0	No active nests observed. The shrike nest was checked and remains inactive. There was fresh raven tracks and whitewash around the ironwood trees indicating that ravens use the trees for roosting. It is therefore unlikely given the heat and dry conditions coupled with active ravens in the area that the shrikes will attempt to renest in this location at this time.  There were no kit fox or burrowing owl burrows observed.
Eric German	5/21/2012	4:20:00 PM	5:05:00 PM	Plant Site	-	-	-	0	0	0	-	-	-	0	0	Area had been surveyed in past and has been watered. No nests or birds exhibiting nesting behavior were seen.
Eric German	5/24/2012	-	-	Plant Site	-	-	-	0	0	0	-	-	-	0	0	No findings. Surveys prior to cultural trenching.

# Genesis Solar - Preconstruction Nesting Summary Report (Part 2 of 2)



Surveyor	Date	Start Time	End Time	Areas Monitored	Nest ID	Nest Microhabitat	Nest Stage	No. of Eggs	No. of Young	No. Fledged	Adult Location	Nest Disposition	Buffer Established?	Buffer Distance (feet)	Distance to ROW (feet)	Comments
Eric German	5/24/2012	11:00:00 AM	1:30:00 PM	Plant Site	-	-	-	0	0	0	-	-	-	0	0	1 horned Lark observed by vocalization.
Andrew Fisher	5/24/2012	11:03:00 AM	1:29:00 PM	Plant Site, cultural exclusion area in solar blocks 2 and 3 of unit 1.	-	-	-	0	0	0	-	-	-	0	0	The area around proposed trenching locations was checked for nesting birds, desert kit fox, burrowing owl, and any other sensitive species and none were found. Only the kit fox burrow labeled May 18 ( since that was the day it was discovered) was found. After three nights of wildlife camera footage and no kit fox photos the burrow does not seem to have a kit fox currently living in it.

## **NEST MONITORING DATASHEETS**

# Genesis Solar – Nest Monitoring Summary Report (Part 1 of 3)



Surveyor	Date	Start Time	End Time	Nest ID	Species	Nest UTM Northing	Nest UTM Easting	Nest Microhabitat	Start Temp (°F)	End Temp (°F)	Weather Conditions	Cloud Cover	Activity (equipment type, noise level)	Work Stop Required?	Reason for Work Stoppage
Matt Kedziora	5/7/2012	12:00:00 PM	1:00:00 PM	-	LOSH	-	-	Creosote Bush Scrub	94	94	Windy	0%	-	N/A	N/A
Matt Kedziora	5/8/2012	2:30:00 PM	3:15:00 PM	-	LOSH	-	-	Tree	94	94	Sunny	0%	-	N/A	N/A
Matt Kedziora	5/8/2012	7:30:00 AM	8:15:00 AM	-	LOSH	-	-	Tree	71	71	Sunny	0%	-	N/A	N/A
Matt Kedziora	5/9/2012	7:00:00 AM	8:05:00 AM	-	LOSH	-	-	Tree	66	66	Sunny	0%	-	N/A	N/A
Matt Kedziora	5/10/2012	7:15:00 AM	8:08:00 AM	-	LOSH	-	-	Tree	70	70	Other (note)	0%	Noise monitoring	N/A	N/A
Matt Kedziora	5/11/2012	7:05:00 AM	7:44:00 AM	-	LOSH	-	-	Tree	68	68	Sunny	0%	Noise monitoring	N/A	N/A
Tsegaye Mengistu	5/15/2012	7:30:00 AM	7:40:00 AM	-	LOSH	-	-	Tree	71	71	Sunny	0%	-	N/A	N/A
Eric German	5/16/2012	4:00:00 PM	4:15:00 PM	-	LOSH	-	-	Creosote Bush Scrub	95	95	-	0%	-	N/A	N/A
Tsegaye Mengistu	5/16/2012	7:00:00 AM	7:15:00 AM	-	LOSH	-	-	Tree	77	77	Sunny	0%	-	N/A	N/A
Tsegaye Mengistu	5/17/2012	9:30:00 AM	9:40:00 AM	-	LOSH	-	-	Tree	85	85	Sunny	0%	-	N/A	N/A
Eric German	5/18/2012	8:15:00 AM	8:30:00 AM	-	LOSH	-	-	Tree	79	79	Sunny	0%	-	N/A	N/A
Tsegaye Mengistu	5/18/2012	6:45:00 AM	6:51:00 AM	-	LOSH	-	-	Tree	77	77	Sunny	0%	-	N/A	N/A
Andrew Fisher	5/21/2012	7:00:00 AM	7:12:00 AM	-	LOSH	-	-	Tree	77	77	-	0%	-	N/A	N/A

# Genesis Solar - Nest Monitoring Summary Report (Part 2 of 3)



Surveyor	Date	Start Time	End Time	Nest ID	Species	Nest Information	Nest Stage	No. of Eggs	No. of Young	No. Fledged	Adult Location	Nest Disposition	Buffer Established?	Buffer Distance (feet)	Distance to Construction (feet)	Nest Comments
Matt Kedziora	5/7/2012	12:00:00 PM	1:00:00 PM	-	LOSH	-	Unknown	0	0	0	Not seen	Unk	YES	100	1000	Previous failed clutch at this nest site. Checking to see if adult LOSH is present - not seen
Matt Kedziora	5/8/2012	2:30:00 PM	3:15:00 PM	-	LOSH	-	No eggs	0	0	0	No adults observed	-	-	0	0	-
Matt Kedziora	5/8/2012	7:30:00 AM	8:15:00 AM	-	LOSH	-	-	0	0	0	None observed	Inactive	-	0	0	No sign of adults
Matt Kedziora	5/9/2012	7:00:00 AM	8:05:00 AM	-	LOSH	-	Inactive	0	0	0	No adults	-	-	0	0	-
Matt Kedziora	5/10/2012	7:15:00 AM	8:08:00 AM	-	LOSH	-	-	0	0	0	Tree south out of fence, prairie falcon too	-	-	0	0	-
Matt Kedziora	5/11/2012	7:05:00 AM	7:44:00 AM	-	LOSH	-	Inactive	0	0	0	No birds present	-	-	0	0	Appears inactive
Tsegaye Mengistu	5/15/2012	7:30:00 AM	7:40:00 AM	-	LOSH	-	-	0	0	0	No adults observed	-	-	0	0	-
Eric German	5/16/2012	4:00:00 PM	4:15:00 PM	-	LOSH	-	-	0	0	0	No shrikes observed, two ravens in tree to south	-	-	0	0	-
Tsegaye Mengistu	5/16/2012	7:00:00 AM	7:15:00 AM	-	LOSH	-	-	0	0	0	No shrikes observed	-	-	0	0	-
Tsegaye Mengistu	5/17/2012	9:30:00 AM	9:40:00 AM	-	LOSH	-	-	0	0	0	No adults observed	-	-	0	0	-
Eric German	5/18/2012	8:15:00 AM	8:30:00 AM	-	LOSH	-	-	0	0	0	No adults in vicinity of nest, pair of shrikes at pole 92	-	-	0	0	-
Tsegaye Mengistu	5/18/2012	6:45:00 AM	6:51:00 AM	-	LOSH	-	-	0	0	0	No shrikes observed	-	-	0	0	-
Andrew Fisher	5/21/2012	7:00:00 AM	7:12:00 AM	-	LOSH	-	No nesting activity	0	0	0	One shrike observed but nest appears inactive	-	-	0	0	-



# Genesis Solar - Nest Monitoring Summary Report (Part 3 of 3)



Surveyor	Date	Start Time	End Time	Nest ID	Species	Bird Behavior	Bird Age	Bird Activity	Vocalizations?	Buffer Size Adequate?	Buffer Size Changed?	Specific Behaviors	Behavior Comments
Matt Kedziora	5/7/2012	12:00:00 PM	1:00:00 PM	-	LOSH	-	-	-	-	-	-	-	-
Matt Kedziora	5/8/2012	2:30:00 PM	3:15:00 PM	-	LOSH	-	-	-	-	-	-	-	-
Matt Kedziora	5/8/2012	7:30:00 AM	8:15:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Matt Kedziora	5/9/2012	7:00:00 AM	8:05:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Matt Kedziora	5/10/2012	7:15:00 AM	8:08:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Matt Kedziora	5/11/2012	7:05:00 AM	7:44:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/15/2012	7:30:00 AM	7:40:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Eric German	5/16/2012	4:00:00 PM	4:15:00 PM	-	LOSH	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/16/2012	7:00:00 AM	7:15:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/17/2012	9:30:00 AM	9:40:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Eric German	5/18/2012	8:15:00 AM	8:30:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/18/2012	6:45:00 AM	6:51:00 AM	-	LOSH	-	-	-	-	-	-	-	-
Andrew Fisher	5/21/2012	7:00:00 AM	7:12:00 AM	-	LOSH	-	-	-	-	-	-	-	-

## **APPENDIX B**

### **PHOTOS**

Date & Time: Mon May 14 12:40:41 PDT 2012  
Position: 11 N 683392 3727761  
Altitude: 400ft  
Azimuth/Bearing: 262° S82W 4658mils (True)  
Elevation Angle: -05.5°  
Horizon Angle: +01.2°  
Zoom: 1X  
intact veg, west side powerblock 1



Figure 1. Typical vegetation observed within the cultural exclusion area nesting bird survey zones (May, 2012)

**COMMON RAVEN FIXED POINT OBSERVATION DATA**

# 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
Tsegaye Mengistu	5/2/2012	R4. 683203 W, 3727508 N	6:10:00 AM	6:20:00 AM	99999	99999	SW	5	None	65	35%
Tsegaye Mengistu	5/2/2012	R3. 683684 W, 3727437 N	6:40:00 AM	6:50:00 AM	99999	99999	SW	5	None	67	35%
Tsegaye Mengistu	5/2/2012	R7. 686177 W, 3725504 N	8:30:00 AM	8:40:00 AM	99999	99999	N	10	None	69	25%
Tsegaye Mengistu	5/2/2012	R2. 686736 W, 3726215 N	9:00:00 AM	9:10:00 AM	99999	99999	N	10	None	69	25%
Tsegaye Mengistu	5/2/2012	R6. 687910 W, 3726586 N	9:30:00 AM	9:40:00 AM	99999	99999	N	10	None	69	30%
Tsegaye Mengistu	5/2/2012	R5. 685761 W, 3727662 N	10:10:00 AM	10:20:00 AM	99999	99999	N	10	None	71	-
Tsegaye Mengistu	5/2/2012	R1. 691217 W, 3722767 N	11:50:00 AM	12:00:00 PM	99999	99999	N	5	None	79	35%
Tsegaye Mengistu	5/17/2012	R1. 691217 W, 3722767 N	6:30:00 AM	6:40:00 AM	99	100	Variable	1	None	82	0%
Tsegaye Mengistu	5/17/2012	R7. 686177 W, 3725504 N	7:00:00 AM	7:10:00 AM	99	100	Variable	1	None	80	0%
Tsegaye Mengistu	5/17/2012	R2. 686736 W, 3726215 N	7:20:00 AM	7:30:00 AM	99	100	Variable	1	None	82	0%
Tsegaye Mengistu	5/17/2012	R6. 687910 W, 3726586 N	7:45:00 AM	7:55:00 AM	99	100	Variable	1	None	82	0%
Tsegaye Mengistu	5/17/2012	R5. 685761 W, 3727662 N	8:10:00 AM	8:20:00 AM	99	100	Variable	1	None	83	0%
Tsegaye Mengistu	5/17/2012	R4. 683203 W, 3727508 N	8:40:00 AM	8:50:00 AM	99	100	Variable	1	None	85	0%
Tsegaye Mengistu	5/17/2012	R3. 683684 W, 3727437 N	9:05:00 AM	9:15:00 AM	99	100	Variable	1	None	82	0%
Tsegaye Mengistu	5/30/2012	R1. 691217 W, 3722767 N	5:55:00 AM	6:05:00 AM	100	100	Variable	1	None	70	0%
Tsegaye Mengistu	5/30/2012	R2. 686736 W, 3726215 N	6:15:00 AM	6:25:00 AM	100	100	Variable	1	None	71	0%
Tsegaye Mengistu	5/30/2012	R3. 683684 W, 3727437 N	6:35:00 AM	6:45:00 AM	100	100	Variable	1	None	71	0%
Tsegaye Mengistu	5/30/2012	R4. 683203 W, 3727508 N	7:00:00 AM	7:10:00 AM	100	100	Variable	1	None	72	0%

# 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
Tsegaye Mengistu	5/30/2012	R5. 685761 W, 3727662 N	7:30:00 AM	7:40:00 AM	100	100	Variable	1	None	72	0%
Tsegaye Mengistu	5/30/2012	R6. 687910 W, 3726586 N	8:05:00 AM	8:15:00 AM	100	100	Variable	1	None	73	0%
Tsegaye Mengistu	5/30/2012	R7. 686177 W, 3725504 N	8:50:00 AM	9:00:00 AM	100	100	Variable	1	None	73	0%

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



Monitor	Date	CORA Observation Point	Observation Time	Sex	Age	No. of CORA	Activity	Flight Direction (to)	1 <sup>st</sup> Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
Tsegaye Mengistu	5/2/2012	R5. 685761 W, 3727662 N	10:10:00 AM	-	-	0	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/2/2012	R6. 687910 W, 3726586 N	9:30:00 AM	Unknown	Adult	3	Perched above ground	-	70	30	Ditch, disturbed ground	-	YES	In ditch where scraper was working and disturbing ground, in block 7, unit 2
Tsegaye Mengistu	5/2/2012	R1. 691217 W, 3722767 N	11:50:00 AM	-	-	0	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/2/2012	R3. 683684 W, 3727437 N	6:40:00 AM	Unknown	Adult	1	Flying	-	50	-	-	-	YES	-
Tsegaye Mengistu	5/2/2012	R7. 686177 W, 3725504 N	8:30:00 AM	Unknown	Adult	1	Flying	N	50	50	-	-	YES	-
Tsegaye Mengistu	5/2/2012	R4. 683203 W, 3727508 N	6:10:00 AM	Unknown	Adult	2	Flying	W	30	20	-	-	YES	Toward common area
Tsegaye Mengistu	5/2/2012	R2. 686736 W, 3726215 N	9:00:00 AM	-	-	0	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/17/2012	R1. 691217 W, 3722767 N	6:30:00 AM	-	-	0	-	-	-	-	-	-	-	No raven observed
Tsegaye Mengistu	5/17/2012	R4. 683203 W, 3727508 N	8:40:00 AM	-	-	-	-	-	-	-	-	-	-	No raven observed
Tsegaye Mengistu	5/17/2012	R7. 686177 W, 3725504 N	7:05:00 AM	-	-	1	Flying	E	50	30	-	NO	YES	1 raven observed flying east
Tsegaye Mengistu	5/17/2012	R3. 683684 W, 3727437 N	7:10:00 AM	-	-	1	-	-	-	-	-	YES	-	Did not see any raven
Tsegaye Mengistu	5/17/2012	R6. 687910 W, 3726586 N	7:45:00 AM	-	-	1	Walking on ground	-	30	30	Other (provide details)	YES	YES	1 raven observed walking near equipment lay down area.
Tsegaye Mengistu	5/17/2012	R2. 686736 W, 3726215 N	7:20:00 AM	-	-	0	-	-	-	-	-	-	-	-
Tsegaye Mengistu	5/17/2012	R5. 685761 W, 3727662 N	8:15:00 AM	-	-	1	Walking on ground	-	20	20	Other (provide details)	YES	YES	1 raven walking around equipment lay down area.
Tsegaye Mengistu	5/30/2012	R1. 691217 W, 3722767 N	6:05:00 AM	-	-	0	-	-	-	-	-	-	-	No CORA Observed.
Tsegaye Mengistu	5/30/2012	R3. 683684 W, 3727437 N	6:45:00 AM	-	-	0	-	-	-	-	-	-	-	No CORA Observed.

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



Monitor	Date	CORA Observation Point	Observation Time	Sex	Age	No. of CORA	Activity	Flight Direction (to)	1 <sup>st</sup> Distance Obs. (m)	Closest Distance Obs. (m)	Habitat & Perching Habitat	Audio Observation?	Visual Observation?	Observation Notes
Tsegaye Mengistu	5/30/2012	R2. 686736 W, 3726215 N	6:25:00 AM	-	-	0	-	-	-	-	-	-	-	No CORA Observed.
Tsegaye Mengistu	5/30/2012	R6. 687910 W, 3726586 N	8:15:00 AM	-	-	0	-	-	-	-	-	-	-	No CORA Observed.
Tsegaye Mengistu	5/30/2012	R7. 686177 W, 3725504 N	9:00:00 AM	-	-	0	-	-	-	-	-	-	-	No CORA Observed.
Tsegaye Mengistu	5/30/2012	R4. 683203 W, 3727508 N	7:10:00 AM	-	-	0	-	-	-	-	-	-	-	No CORA Observed.
Tsegaye Mengistu	5/30/2012	R5. 685761 W, 3727662 N	7:40:00 AM	-	-	0	-	-	-	-	-	-	-	No CORA Observed.

**DESERT KIT FOX DEN MONITORING DATASHEET**

## Genesis Project – Kit Fox Camera Monitoring (Inside Exclusion Fencing), “May 18” Den

Photo Download Date	Camera Location	Observation	Collar Observed?	Tag Observed?	Kit Fox Behavior Normal?	Note
22-May-12	May 18	No Kit Fox	N/A	No	N/A	This wildlife camera was set up yesterday on May 21. Today when it was checked there were no fresh tracks in front of the burrow and no DKF on the camera.
23-May-12	May 18	No Kit Fox	No	No	N/A	No desert kit fox on camera photos and no tracks in the soft soil of the dirt apron in front of the burrow.
24-May-12	May 18	No Kit Fox	N/A	No	N/A	No DKF prints in the smoothed out sand in the apron in front of the burrow.
25-May-12	May 18	No Kit Fox	N/A	No	N/A	Two wildlife cameras were set up and no DKF pictures in any of the cameras. No DKF tracks in smoothed out sand on apron in front of burrow.
29-May-12	May 18	No Kit Fox	N/A	No	N/A	May 18 den, no kit fox on photos
30-May-12	May 18	No Kit Fox	N/A	No	N/A	May 18 den, no kit fox on photos
31-May-12	May 18	No Kit Fox	N/A	No	N/A	May 18 den, no kit fox on photos, no sign

**ATTACHMENT 6**  
**CORRESPONDENCE**

Not Applicable for May Monthly Compliance Report

## **Appendix C**

### **Haz-6**

#### **Worker Environmental Awareness Program Training**

23

### Genesis Site Safety Orientation

Signature	Print Name	Company	Date
1 Alexander Baula	Alexander Baula	Bragg	4-27-12
2 [Signature]	URIEL HERNANDEZ	SPX/MCT	4-30-12
3 [Signature]	TERI WOODRUFF	THE SOCO GROUP	5/1/12
4 [Signature]	Raul Lopez	THE SOCO GROUP	5-1-12
5 [Signature]	José M	SPX	5-7-12
6 [Signature]	Joseph Rodriguez	SPX	5-7-12
7 [Signature]	RENEE Thompson	SPX	5-7-12
8 [Signature]	Mysiel ROLDAN G	SPX	5-7-12
9 [Signature]	Red Rigg	SPX	5-7-12
10 [Signature]	JASON DAVIS	SPX	5-7-12
11 [Signature]	Fred Elliott	"	5-8-12
12 [Signature]	DAVID SWADLER	BRAGG CRANE SERVICE	11-MAY-2012
13 [Signature]	ANIVAL VALDEE	SPX	5/7/12
14 Jose L Salgado	JL Salgado	SPX	5/7/12
15 Luis Martinez	[Signature]	SPX	5/7/12
16 [Signature]	[Signature]	SPX	5/7/12
17 Amado SANTIAGO	Amado SANTIAGO	SPX	5/7/12
18 Gonzalez GARRA	GONZALO GARRA	SPX	5/7/12
19 [Signature]	Ayuda Anderson	SPX	5/7/12
20 [Signature]	Gonzalo GARRA	SPX	5/7/12
21 [Signature]	Tim Smith	A-B SUPPLY	5-29-12
22 [Signature]	MATT STAMPER	SPX	5-7-12
23 [Signature]	Miguel Mendoza	SPX	5-30-12
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May 2012  
60 33

Genesis Site Safety Orientation

Signature	Print Name	Company	
	Russell Alvarez	LARGO	
	Gilbert Romero	LARGO	5/1/12
	Denis Palt	SUSCO	5/1/12
	Arturo Hernandez	LARGO	5/2/12
	AARON MEDINA	LARGO/ZARP	5-2-12
	ABEL CAMINEZ	AV - PRO PUMPING	5-2-12
	MARC CARDENAS	LARGO	5-7-12
	MATT WEST	LARGO	5-7-12
	GUSTAVO HUAMANTLA	N.M.N.	5-7-12
	GARY KOENIG	L-TRON	5-8-12
	Carlos Rivas	N.M.N.	5-8-12
	Juan Francisco Castañeda	N.M.N.	5-8-12
	Roger Cardallo	LARGO	5-8-12
	Miguel Rodriguez	P.C.S.	5/9/12
	Emilio Garcia	P.C.S.	5/9/12
	JOSE GARCIA	GARCIA POS	5/9/12
	Greub McJannet	SUSCO	5/9/12
	DENNIS R. MILLER	R.T. KANS. Co.	05/10/2012
	DAN GOODMAN	MARSHALLS KENTON	5/10/12
	JONATHAN KURE	ANDERSON DRILLING	5/14/12
	Jose L. Barron Jr.	LARGO	5-14-12
	Bryan Cass	LARGO	5-14-12
	Pablo Gonzalez	Anderson	5-14-12
	Mike Meza	LARGO	5-14-12
	Alvaro Coronado	LARGO	5-14-12
	Ralph Alexander	LARGO	5-14-12
	Francisco Cebrera	LARGO	5-14-12
	WILLIAM PEARLY	SASCO	5/14/12
	Angel Cardenas	SASCO	5/14/12
	Jim Devine	ZAPP EXC.	5-16-12
	Detavio Sum	P.C.S.	
	Chad Swann	LARGO	5-17-12
	Mario Interante	P.C.S.	5-21-12

May 2012

Genesis Site Safety Orientation

Signature	Print Name	Company	
1		Michael Melancon	Associated RMC 5/16/12
2		Sean Ambrose	Associated RMC 5-16-12
3		Ray A. Riva	Associated RMC 5-16-12
4		Daniel Corroca	Associated Ready Mix 5-16-12
5		Melissa A. Venuti	Associated RMC Inc 5-16-12
6		David Velasco	Associated RMC Inc 5-16-12
7		Gerardo Cardenas	Associated Ready Mixed 5-16-12
8	DAVID BERNAL	DAVID BERNAL	Associated Ready Mix 5-16-12
9		Julia C. Moran	Largo Construction 5/22/12
10		DAVID McHALS	LARGO CONCRETE 5/22/12
11		Ramon Sanvictor	LARGO CONCRETE 5/22/12
12	MARVIN ELIAS	MARVIN ELIAS	Largo Concrete 5/22/12
13		Ki Sitterley	SKY HIGH CRANE 5-22-12
14		Nicholas Smith	Smith Move 5/24/12
15		James Green	Arts Concrete 5/24/12
16		DANIEL S. MARTINEZ	Arts Concrete 5-24-12
17		Adam Lugo	Largo Concrete 5-29-12
18		Sam Singer	Largo Concrete 5-29-12
19		Cooper Wilson	Largo Concrete 5/29/12
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Workers Environmental Awareness Plan : Training Roster

Genesis Solar Energy Project

Instructor: Rick Fraser Sukut Const

Name : Print	Signature	Company Name	Date
MICHAEL PATTON	[Signature]	Rise Above	5-29-12
MARIO MARTINEZ	[Signature]	F.S.T.	5-29-12
Jorge Calderon	[Signature]	Miranda Est	5-29-12
Homer Angulo	[Signature]	NAC	5-29-12
JESUS ABRAHAM	[Signature]	NAC	5/29/12
Frank L. Lantieri	[Signature]	S.C.A.	05/29/12
Felipe Amador	[Signature]	NAC	5/29/12
Elber Hernandez	[Signature]	N.A.C.	5-29-12
Angie Arreda	[Signature]	Rita Arreda	5-29-12
Jorge Guerrero	[Signature]	E Robles	5-29-12
Frank Lopez	[Signature]	N.A.C.	5-29-12
EDUARDO CASINO	[Signature]	FCM	5/29/12
Abel Fraire	[Signature]	Fraire Inc	5/29/12
Ernesto Ramos	[Signature]	E.R. Trading	5/29/12
Eduardo Guillen	[Signature]	Eduardo Guillen Inc	5/29/12
Abner Zelaya	[Signature]	AB Trucking	5-29-12
Victor Jimenez	[Signature]	Victor Jimenez	5-29-12
John Schuch	[Signature]	JST	5-29-12
SALVADOR LEDESMA	[Signature]	Lopez Truck	5-29-12
Antonio Cayan	[Signature]	Lopez Truck	5-29-12
LARRY MARSHALL	[Signature]	VERSTEK	5-29-12
Lance R. Verdugo	[Signature]	L.R. Verdugo	5-29-12
Charles M. Henry	[Signature]	FST	5-29-12
EMERY KROOKS	[Signature]	SUKUT	5-29-12
Chris Hynds	[Signature]	Rise Above	5/29/12
Sean Wright	[Signature]	Wright Trans	5/29/12
William Neoms	[Signature]	Neoms Trans	5-29-12
DENNIS FITZ	[Signature]	TRINITY TRANSPORT	5-29-12
CASAR Santamania	[Signature]	Rise Above	5/29/12
Wilfredo Goo	[Signature]	LAZOR TRUCKING	5-29-12
Jonathan BARKNISKI	[Signature]	FST	5-29-12
Tim MANNING	[Signature]	FST	5/29/12



Workers Environmental Awareness Plan : Training Roster

Genesis Solar Energy Project

Instructor: Rick Fraser Sukut

Name : Print	Signature	Company Name	Date
ERNESTO HERNANDEZ	<i>Ernesto Hernandez</i>	V-DITCH CONST	4-13-12
Filemon Ortiz Cuevas	<i>Filemon Ortiz Cuevas</i>	V-DITCH CONST	4-13-12
Rosendo Garcia	<i>Rosendo Garcia</i>	V-DITCH CONST	4-17-12
Randy L. Southold	<i>[Signature]</i>	Valencia Trucking	4/17/12
<del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del>		
JOSE TORRENTINO	<i>[Signature]</i>	SOUTHWEST V	4/17/2012
PABLO JIMENEZ	<i>[Signature]</i>	V-DITCH CON	4/17/12
Salvador Cabrera	<i>[Signature]</i>	V-DITCH CONST	4/17/12
Sebastian Cabrera	<i>[Signature]</i>	V-DITCH CON	4/17/12
Ross Barber	<i>[Signature]</i>	Sukut	4-23-12
Manuel Alcaraz	<i>[Signature]</i>	Valencia	4-23-12
Jeff Galland	<i>[Signature]</i>	LaBelle Manun	4/24/12
Demus [unclear]	<i>[Signature]</i>	Valencia	
DON CARMELL	<i>[Signature]</i>	Valencia	4/27/12
Travis Washburn	<i>[Signature]</i>	Sukut	4/27/12
DANNEN HERNANDEZ	<i>[Signature]</i>	PAVEMENT RECYCLING INC	4/30/12
Richard Haniman Sr.	<i>[Signature]</i>	Valencia	5-3-12
DENNIS J. MILLER	<i>[Signature]</i>	SUKUT	5/3/12
Robert Harris	<i>[Signature]</i>	MILLER BLADE	5/9/12
Charles Erbstoesser	<i>[Signature]</i>	Valencia	5/9/12
William Stuedgen	<i>[Signature]</i>	Sukut	5-14-12
Alfred Cuevas	<i>[Signature]</i>	Pavement Recycling	5-15-2012
MELIA COOK	<i>[Signature]</i>	Miller Paving	5-15-2012
Rob Shuman	<i>[Signature]</i>	Sukut	5-24/12
ANTONIA RIVERA	<i>[Signature]</i>	SUKUT	5-29/12
Hugo Rivera	<i>[Signature]</i>	SUKUT	5-29-12
Gilberto Cadenas	<i>[Signature]</i>	SUKUT	5-29-12
Stephen Teitel	<i>[Signature]</i>	Miller Blade	5-29-12
MICHAEL QUANTZ	<i>[Signature]</i>	MILLER BLADE	5-29-12

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## **Appendix D**

### **Civil-1**

#### **Schedule of Facility Design Submittals; Master Drawing and Master Specifications**



## **May Monthly Report of CBO Activities**

Prepared on 12-06-13 by Robert DeKruise

### **GEN-6: Approved Special Inspectors – *current month in bold***

- Scott H. Vacula, PE – Designated Project Manager/Lead
- Aklilu Y. Estifanos – Soils, Reinforced Concrete, Structural Steel & Bolting, Welding
- Wayne Brockman – Soils (verified credentials)
- Hisham Rakban – Concrete, soils, asphalt
- Jeff Dash - Concrete

### **GEN-7: Facility Design Discrepancy Documentation**

- RFIs changing approved design or construction must be approved by CBO

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

- Due within 15 days upon completion of project work

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

**The following submittals have been approved by the CBO: *current month in bold type***

- CIVIL-1-1.0 Civil Engineering Criteria
- CIVIL-1-1.0X1 Civil Engineering Criteria
- CIVIL-1-2.0 Access Road Package
- CIVIL-1-2.0x1 Access Road Package
- CIVIL-1-2.0x2 Access Road Package
- CIVIL-1-3.0 Geotechnical Engineering Report
- CIVIL-1-3.1 Supplemental Geo Report
- CIVIL-1-3.2 Slope Stability Geotechnical Engineering Report
- CIVIL-1-4.0 Temporary Tortoise Fence
- CIVIL-1-5.0 Preliminary Site Preparation Package
- CIVIL-1-6.0 Caltrans Encroachment Pkg
- CIVIL1-7.0 Grading and Drainage Drawings
- CIVIL-1-8.0 Reports and Studies
- CIVIL-1-9.0 Channel Drawings and Reports
- CIVIL-1-10.0 Solar Field 1 Site Grading Drawing
- CIVIL-1-10.0X1 Solar Field 1 Site Grading Drawings
- CIVIL-1-10.0x2 Solar Field 1 Site Grading Drawing
- CIVIL-1-11.0 Solar Field 2 Site Grading Drawings
- CIVIL-1-11.0X1 Solar Field 2 Site Grading Drawings
- CIVIL-1-12.0 Site Preparation Drawings
- CIVIL-1-13.0 Finish Grading Power Block, Unit 1 Paving
- **CIVIL-1-14.0 Permanent Fence**
- **CIVIL-1-15.0 ARB Natural Gas Line Offpolt**



- **CIVIL-1-16.0 Site Prep Common Area**
- CIVIL-1-500-Temporary Double Gate

### **CIVIL-3: CBO Site Grading Inspections**

- Channel grading is ongoing and road prep for paving
- Cultural and Native American Monitors on site daily
- Grading and drainage being performed to approved plans and specifications

### **CIVIL-4: Final Grading Plans**

- Due within 30 days upon completion of the erosion and sediment control mitigation and drainage work.

### **ELEC-1: Submittal – Electrical Equipment and Systems 480 Volts or higher**

**The following submittals have been approved by the CBO, *current month in bold type***

- ELEC-1-1.0 Gen set for Access Road
- ELEC-1-1.1 Gen set for Access Road
- ELEC-1-2.0 Temporary Panel for TW2
- ELEC-1-3.0 Telephone and Communication Under Ground Conduit Route
- ELEC-1-4.0 33kV Temporary Construction Bid Package
- ELEC-1-5.0 33kV Data Sheet and Specifications
- ELEC-1-6.0 Symbol and Legend
- ELEC-1-7.0 Installation Detail and Assembly Drawings
- ELEC-1-8.0 Electrical Specifications
- ELEC-1-9.0 12kV Specifications (12.47 KV Pad Mounted Transformer)
- ELEC-1-9.0x1 12.47 KV Specification
- ELEC-1-9.0x2 Electrical Specifications
- ELEC-1-10.0 Grounding Plans
- ELEC-1-11.0 Electrical Specifications (460 V Induction Motors)
- ELEC-1-12.0 Electrical Specifications (600 V Power and Control Cable)
- ELEC-1-13.0 Electrical Drawings for Assembly
- ELEC-1-14.0 4160 V Diesel Generator
- ELEC-1-15.0 Underground Conduit Cable Drawings
- ELEC-1-16.0 Electrical Grounding
- ELEC-1-17.0 Electrical Cable Schedule
- ELEC-1-17.0x1 Electrical Cable Schedule
- ELEC-1-18.0 Electrical Distribution Board Schedule
- ELEC-1-19.0 Electrical Cable Block Diagrams
- ELEC-1-20.0 Standard Detail Assembly Drawings
- ELEC-1-21.0 Specification Isolated Phase Bus Duct
- ELEC-1-22.0 12kv temp power construction power
- ELEC-1-23.0 Electrical Specifications



- ELEC-1-24.0 Embedded Conduit Stub Out Plan 1<sup>st</sup>-TRB-0100 foundation
- ELEC-1-14.0x1 Embedded Conduit stub Out Plan
- ELEC-1-25.0 Electrical Grounding Plans Power Block 1
- ELEC-1-26.0 Electrical Underground Plans
- ELEC-1-26.0x1 Electrical Underground Plans
- ELEC-1-27.0 Electrical Conduit Schedule Power Block 1 and Solar Field 1
- ELEC-1-28-0 Electrical Area Classification Plans Power Block 1
- ELEC-1-29.0 Electrical Specification Unit Auxiliary Transformer
- ELEC-1-30.0 Electrical Equipment List
- ELEC-1-31.0 Electrical Specifications
- ELEC-1-32.0 Electrical Specifications
- ELEC-1-33.0 solar Field 2 UG plans
- ELEC-1-34.0 Solar Field 2 Electrical Cable Schedule
- ELEC-1-36.0 Electrical Specifications
- ELEC-1-38.0 Electrical Specification
- ELEC-1-39.0 Solar Field 2 Grounding Drawings
- ELEC-1-40.0 Solar Field 2 Power Distribution Block Diagram
- **ELEC-1-41.0 Grounding PB2**
- **ELEC-1-42.0 Embedded Conduit**
- **ELEC-1-43.0 Embedded Conduit**
- **ELEC-1-44.0 Cable Tray & Above Ground Plan**
- ELEC-1-501 Temp Power to Assembly Building

**MECH-1: CBO Submittal – Plan Piping and Plumbing System Inspection Approvals, *current month in bold type:***

- MECH-1-1.0 Piping Specification
- MECH-1-2.0 Piping Stress Analysis
- **MECH-1-3.0 P & ID**
- **MECH-1-4.0 P & ID**
- **MECH-1-10.0 P & IDs**
- **MECH-1-11.0 P & IDs**
- **MECH-1-12.0 P & IDs**
- **MECH-502 Temp Fire Water for Assembly Bldg Trailer**
- MECH-1-500 Application for AMMC Design and Construction Process Piping
- MECH-1-501 AMMC ACC Steam Duct
- MECH-1-503 UG Pipe Testing
- **MECH-1-504 HCE Tube Testing and Examination**
- **MECH-1-505 PID's Legend Diagrams**
- **MECH-1-7.0 P & IDs**
- **MECH-1-8.0 P & IDs**
- **MECH-1-9.0 P & IDs**



## **MECH-2: CBO and Cal-OSHA Submittal – Pressure Vessel**

- MECH-501 AMMC Design and Construction of Unfired Steam Boilers

## **STRUC-1: CBO Submittals – Major Structure of Facility Design Component**

**The following submittals have been approved by the CBO, *current month in bold type*:**

- STRUC-1-1.0 Sener Structural Drawings
- STRUC-1-2.0 Structural Specification
- STRUC-1-2.0x1 Structural Specification
- STRUC-1-3.0 Concrete Solar Foundation Drawings
- STRUC-1-7.0 Drilled Caisson Specification
- STRUC-1-8.0 Structural Standard Drawings
- STRUC-1-9.0 Drilled Reinforced Concrete Caissons Testing
- STRUC-1-10.0 Drilled Reinforced Concrete Caissons
- STRUC-1-10.0x2 Solar Field 1 Sleepers
- STRUC-1-11.0 Construction Trailer Complex
- STRUC-1-12.0 Common Area Assembly Line Building Drawings
- STRUC-1-500 Application for Alternate Mat and Methods of Caisson Construction
- STRUC-1-13.0 Steam Turbine Foundation
- STRUC-1-14.0 Structural Concrete Drawings and Calculations
- STRUC-1-14.0X1 Structural Concrete Drawings and Calculations
- STRUC-1-15.0 Solar Field 2 Caisson Schedule
- STRUC-1-16.0 Solar Field 2 Foundation Location
- STRUC-1-17.0 Power Block 1 Main Pipe rack Foundation Plans
- STRUC-1-17.1 Power Block 1 Main Pipe rack Structural Calculations
- STRUC-1-17.2 Power Block 1 Main Pipe rack plans
- STRUC-1-18.0 Power Block Unit 1 Water Sump Foundation & Calculations
- STRUC-1-18.0x1 Power Block Unit 1 Water Sump Foundation & Calculations
- STRUC-1-19.0 Solar Field 1 Misc. Pipe Support Plans Foundation Steel Schedule
- STRUC 1-20.0 Economizer, Reheater, Superheater Foundation Plans, Elevation & Calcs.
- STRUC 1-21.0 Feedwater Heater Foundation PB1
- STRUC-1-22.0 Power Block 1 Foundation Location Plan
- STRUC-1-23.0 Unit 1 Power Block Turbine Exhaust Duct Support Foundation & Calc.
- STRUC-1-24.0 Alternate Panel Support Foundations and Calcs
- STRUC 1-25.0 Power Block Vessels – 1HR-TK-0200 A-B-C Fdn Plans-Elev & Calcs
- STRUC 1-26.0 Solar Field 1 Bridges
- STRUC 1-26.0X1 Solar Field Bridges
- STRUC- 1-27.0 STG East West PW, Lube Oil Enclosure and STG Area Misc Supports
- STRUC-1-28.0 East West Condenser Pipeway Steel and Concrete
- STRUC-1-30.0 Solar Field 1 Electrical Supports steel and Foundations
- STRUC-1-31.0 Filtered/Fire Water Tank Foundation



- STRUC-1-32.0 Unit 2 Foundation Location Plan
- **STRUC-1-33.0 PB1&2 Condensate Pump Foundations**
- **STRUC-1-34.0 Unit 2 Sleepers**
- **STRUC-1-35.0 Condenser North-South Pipeway**
- **STRUC-1-37.0 Unit 2 Misc Pipe Supports**
- **STRUC-1-41.0 Waste Water & Treated Water Tanks Foundations**
- STRUC-1-504 AMMC Structural Steel Substitute
- STRUC-1-505 Structural Observation Report Form
- STRUC-1-506 AMMC Concrete pile Transverse Reinforcing Solar Field
- STRUC-1-507-AMMC for Concrete Foundations Unit 1 and 2
- STRUC-1-508-AMMC Solar Field Misc. Pipe Support Circular Foundations

**STRUC-3: CBO Submittal – Design Changes, Revised Drawings, Specs and Calcs**

- DCN-0-1CD-004 Changed Assembly Building concrete aprons to landings

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

- Waste-4-1.0 Waste Management Plan

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

- No CBO submittals this month

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

- No CBO submittals this month

**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, the following information is secured and held under confidential cover

**Appendix F**  
**Safety Reports and Incidents**

**Worker Safety-3**

**Construction Safety Supervisor – Staff Assignment**



## FLAMMABLE LIQUIDS

Date: May 7, 2012

I once heard of a workman who used a flammable solvent for cleaning and spilled some of it on his clothing. After he finished the job, he paused to smoke. The instant he struck the match to light his cigarette, he became a human torch. I've heard of other cases where flammable liquids have caused serious fires, which resulted in a great loss of life and tremendous property damage. We use many kinds of flammable liquids every day on this job: gasoline, cleaning fluids, paints, and thinners, to name just a few. The danger of these materials can be controlled.

### SOME FACTS YOU MAY NOT KNOW

Flammable liquids themselves will not burn, as many people think. But as the liquid evaporates it gives off vapors that mix with the air to form dangerous gases that can be set off by the smallest spark. Take gasoline, for example. Gasoline evaporates at temperatures as low as 45°F below zero. As the temperature rises, the rate of evaporation increases and more and more vapors are given off. This also is true for other flammable liquids, except that the temperature at which they give off vapors varies with the kind of liquid.

### FOLLOW THESE COMMON SENSE RULES

If we remember a few simple common sense rules when storing, handling, and using flammable liquids, we can help prevent this job, or any of us, from going up in flames.

Keep flammable liquids away from open flame and sparks. This means that you should never smoke around them.

Always use approved metal safety cans or the original manufacturer's container to store flammable liquids. Keep these containers closed when not in use, and never store them near exits or passageways.

Practice good housekeeping in flammable liquid storage areas. Clean up spills immediately and then place the rags you used to do the job in a tightly closed metal container.

Be careful not to get a flammable liquid on you. It not only could burn you if it catches fire, but it could cause painful skin irritation that could easily become infected. If you get it on you, wash it off as soon as you can.

Never try to boost a fire with a flammable liquid. You are in for trouble if the fire flares up.

### DON'T TRUST YOUR NOSE - VENTILATE

Don't trust your nose to tell you whether an area or container is vapor free. Not all dangerous liquids give off vapors that you can smell. Some vapors are poisonous as well as flammable. Use flammable liquids only where there is plenty of ventilation.

Vapors given off by flammable liquids are usually heavier than air and collect in the lowest area they can reach. Without good ventilation to dissipate them, you have a potential disaster awaiting that one small spark to set it off.

### READ THE LABEL

Carefully read the manufacturer's label on the container of any flammable liquid before using it.

### FRIEND OR FOE - IT'S UP TO YOU

Like many other substances, flammable liquids can make a good friend or a bad enemy, depending on how you use them. Whether at home or on the job, treat flammable liquids with respect and use them for the purposes for which they were made.



Newsletter Date May 14, 2012

### WHAT CAN YOU DO TO PREVENT ACCIDENTS

Have you ever wondered what you can do to prevent accidents? Maybe, like many people, you believe accidents are bound to happen and there's not much you can do about them. Or, you may think that they only happen to the other person. Well, the truth is that accidents do happen to everyone and often can be prevented.

#### SOMETHING TO THINK ABOUT

Here's something to think about. Statistics show that in many cases an accident could have been prevented by the victim. And, in other cases, by a co-worker. Think of accidents that happened to people you know. Usually it was a stupid mistake. Right? In other words, that person or someone else working on the job could have prevented it.

#### SEVEN EXCELLENT SUGGESTIONS

Here are seven ways you, personally, can do something about preventing accidents:

- 1. Make accident prevention a part of your daily routine:** Plan safety in advance. Participate in Job Safety Briefings before starting your task. Be sure your tools are in good condition. Also, see that you have the required protective equipment.
- 2. Report unsafe acts or conditions to your supervisor:** If you see something that's dangerous or someone working in an unsafe way, do something about it. If it's an unsafe condition, correct it if you can. Otherwise, report it to someone who has the authority or ability to do so. If you see someone committing an unsafe act, warn that person in a friendly way.
- 3. Avoid horseplay:** Aren't you always telling your kids to knock off fooling around before someone gets hurt? Well, horse-play is dangerous for kids of any age. On a construction job you can easily be injured if you're not strictly business all of the time. Often a person is killed or hurt when a "harmless" prank or a practical joke backfires.
- 4. Follow instructions:** You'd follow instructions if you were dismantling a time bomb - and very carefully at that. Well, take the same attitude on the job. When we give you instructions, it's only after we've considered the safest and best way to do it. Sometimes doing something just a little different from what you were told can get you or someone else in a lot of trouble.
- 5. Make suggestions:** If you see a quicker or a better way to do something, let us know. We'll check it out and if it's practical, we'll use it. But first we'll make sure it's safe. And if you see a safer way of doing something, bring it to our attention, by all means.
- 6. Practice good housekeeping:** Nobody likes a slob. It is upsetting to see someone with a messy work area. And it goes even further than that. A sloppy work area is not only hard on the eyes, but a breeding ground for accidents. Trash and materials strewn around can result in trips, falls, and fires.
- 7. Dress for the job:** In addition to wearing protective equipment, dress so that you won't get hurt. Don't wear floppy clothing (such as loose sleeves or cuffs) or jewelry that can catch on something or become entangled in machinery.



## Weekly Newsletter

### Preventing Injuries Due to the Heat and Sun



Make the **RIGHT** Choice

May 21, 2012

#### Heat

Both heat and humidity can be a serious health threat during the summer months. The combination of high temperatures and the physical demand of our work increase the risk for heat related illness so, take precautions. Here's how:

- Drink small amounts of water frequently.
- Wear light-colored, loose-fitting, breathable clothing—cotton is good.
- Take frequent short breaks in cool shade.
- Eat smaller meals before work activity.
- Avoid caffeine and alcohol or large amounts of sugar.
- Work in the shade.
- Find out from your health care provider if your medications and heat don't mix.
- Know that equipment such as respirators or work suits can increase heat stress.

There are three kinds of major heat-related disorders—heat cramps, heat exhaustion and heat stroke. You need to know how to recognize each one and what first aid treatment is necessary.



#### Sun

Sunlight contains ultraviolet (UV) radiation, which causes premature aging of the skin, wrinkles, cataracts, and skin cancer. There are no safe UV rays or safe suntans. Be especially careful in the sun if you burn easily, spend a lot of time outdoors or have any of the following physical features: numerous, irregular or large moles; freckles; fair skin; or blond, red, or light brown hair. Here's how to block those harmful rays:

- Cover up. Wear loose-fitting, long-sleeved shirts and long pants.
- Use sunscreen with a sun protection factor (SPF) of at least 30. Be sure to follow application directions on the bottle or tube.
- Wear a hat. A wide brim hat, not a baseball cap, works best because it protects the neck, ears, eyes, forehead, nose, and scalp.
- Wear UV-absorbent sunglasses (eye protection).
- Limit exposure. UV rays are most intense between 10 a.m. and 4 p.m.





May 28, 2012

## Weekly Newsletter

### Recognizing and Avoiding Pinch Points



Make the RIGHT Choice

#### Don't get in a Pinch

When you pinch a finger at home or away from work, it's usually no more than a painful nuisance. But pinches in the workplace can be a lot more serious. There is no comparing the power of a slammed screen door with the force of construction machinery. A pinch-point injury on the job can be seriously disabling and can cause amputation, or even death.

Pinch points can occur anywhere a part of the body can get caught between two objects. This hazard is everywhere in the workplace. Any place where equipment is transmitting energy, there is a pinch point.

#### Shortcuts Lead to Danger

Often pinch-point injuries are the result of workers, who are not properly trained, not realizing the dangers of machinery, or take shortcuts to get the work done more quickly, but end up injuring themselves instead. Never perform a task without proper training, by taking shortcuts or bypassing procedures; the consequences could be serious.

#### Keep Your Guard Up

In addition to making sure that workers understand how potentially dangerous pinch points can be, it is important to ensure equipment is properly guarded to keep workers away from hazardous areas.

Once equipment is onsite, it is important to monitor workers' behavior to ensure that they are not exposing themselves to a risk of injury. Under normal operating conditions, workers tend to remain within the parameters of safe operation. It is when upset or abnormal operations are encountered that workers have a tendency to unnecessarily expose themselves to pinch-point hazards.

Just because a guard has been installed to cover a machine pinch point doesn't mean the guard is going to stay there. Removing guards is, unfortunately, a fairly common practice. In some cases, guards can be missing for such a long time that new employees are not aware a guard is required. It is everyone's responsibility to ensure that all moving parts on equipment and machinery are properly guarded.

#### Everyone's Responsibility

The best protection from pinch-point hazards comes not from procedures, but from the personal attention of employers and workers to potential hazards.

- Review the dangers of pinch points and the procedures for working safely on a regular basis.
- Perform frequent, targeted inspections to ensure that guards are not missing and procedures are being followed.

Safety is everyone's responsibility and should not be learned by accident!



*Supplier shall conduct a program of planned and periodic audits to verify compliance of all aspects of the Work with Supplier's Quality Assurance System. Audit findings and observations shall be documented, reviewed by management having responsibility in the areas being audited, nonconformities resolved and corrective and preventive measures put in place to prevent recurrence. (Attachment E 3.21)*

## Safety, Environmental and Compliance Summary Safety

The project had 70,616 man-hours to report during May 2012 for a total of 390,731 man-hours for the project.

There were two incidents reported in May:

- May 16 - A drill helper was cleaning the end of an auger bit using a chisel/bar. His finger was pinched between the bar and auger bit cutting his finger. While the employee was wearing gloves his cut required sutures. The employee returned to work. Corrective action includes using a longer handled tool for cleaning and the use of heavier leather gloves.
- May 16 – An employee displayed signs of heat stress including nausea. He was taken to the office to cool. As preventative measure, the company called 911 in case heat illness signs worsened. When emergency team arrived at the site the employee had cooled and displayed good vital signs. Observation was the recommended treatment and the employee returned to work. A Safety Stand Down was held to re-enforce Employee responsibilities to work in moderation, drink fluids often and rest in shaded areas that are provided. The company has also changed start times to take advantage of cooler morning temperatures.
- The Total Job TRIR is 1.53 ending the month of May.
- The 2012 TRIR ending the month of May is 0.74

The site held a second emergency medical drill on Thursday May 31 with Riverside County Fire Department Station. The drill was a mock laceration emergency staged in the assembly building. The response involved 2 fire trucks, an ambulance and simulated air ambulance support.

Matthew Skebeck joined the GSEP Safety team mid-month. Matthew's knowledge and experience will be utilized to expand field audit presence and communication with all contractors.

A meeting was held with all Safety Professionals onsite to discuss site rules individual procedures and positive communication between contractors. There are currently 9 Safety Professionals onsite.

The Genesis Solar Safety Committee continues to meet weekly on Mondays.

Contract Leads continue Site Audits on a regular basis with good content, identifying areas for improvement.

Regular weekly meetings with Bureau Veritas Safety Consultants onsite with no serious deficiency.

The total Safety Orientations/WEAP training for the month was 228.

Weekly Safety Topics for February were:

- Flammable Liquids
- What You Can Do To Prevent Injuries
- Recognizing and Avoiding Pinch Points
- Preventing Heat Injuries

**Appendix G**  
**Miscellaneous Submittals and Information**



Matthew Rodriguez  
Secretary for  
Environmental Protection

## Department of Toxic Substances Control

Deborah O. Raphael, Director  
1001 "I" Street  
P.O. Box 806  
Sacramento, California 95812-0806



Edmund G. Brown Jr.  
Governor

ATTN: CHARLYN MOSLEY  
GENESIS SOLAR ENERGY PROJECT  
PO BOX 2370  
BLYTHE CA 92225

EPA ID Number Issued: April 18, 2012  
**Location Address:**  
11995 WILEY'S WELL RD  
BLYTHE CA 92225

**PERMANENT RECORD - DO NOT DESTROY  
YOUR CALIFORNIA EPA IDENTIFICATION NUMBER IS:**

# CAL000373769

This is to acknowledge that a permanent California Environmental Protection Agency Identification (EPA ID) Number has been assigned to your place of business.

---

*An EPA ID Number is assigned to a person or business at a specific site. It is only valid for the location and person or business to which it was assigned. If your business has multiple generation sites, each site must have its own unique number. If you stop handling hazardous waste, move your business, change ownership, change mailing address, or change the type or amount of waste you handle, you must notify the Department of Toxic Substances Control immediately. If your business has moved, your EPA ID Number must be canceled. A new number must be obtained for your new location if you continue to generate hazardous waste.*

---

This EPA ID Number must be used for all manifesting, record keeping, and reporting requirements. Please retain this notice in your files.

Department of Toxic Substances Control  
Generator Information Services Section  
Telephone: (916) 255-1136 or California Only Toll-free Number: (800) 618-6942

Operator's Initials: MEMAAS

version: January 2011



Printed on Recycled Paper

# Genesis Daily Site Report

May 1, 2012

**Safety:** No accident or injury.

**Safety Topic of the Week:** "Job Training is a Must"

**Weather Conditions:** Sunny, Temp – High 94; SW winds at 21 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Channel finish grade continued in preparation for soil cement. Soil cement continued in Channel B of Unit 1. Finish grade was in Block 2 and mass excavation in Block 4 of Unit 1.
2. Largo (K013): Unit 1 – Working Misc. pipe supports in Block 5/6. Performing layout for sleepers in Blocks 5/6. Unit 2 – Finished pouring caissons in Block 3 and started in Block 4, Layout & Drilling is in Block 4 with layout finishing up tomorrow. Continue receiving rebar cages. Continued establishing control points in Block 5.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Wire and cable installation ring 6 and ring 7 Field 2. Trenching ring 7 and backfill ring 6 field 2. Cable & Fiber testing ring 1 Field 2. Trenching, ground cable, wells, rods, backfill PB1 and PB2 (ongoing support foundations). Aux work- fire pump installation and front gate flood light installations complete.
6. Largo (K015): Unit 1 – Poured the Western HTF overflow walls. Started forming the ACC columns. Unit 2 – Continued excavating the HTF Drain Pit. Tying rebar, forming & poured footings in the pipe rack. Installing conduit in the STG. Continued tying rebar for the HTF Overflow footing for a pour tomorrow morning. Received a load of rebar for the HTF Drain Pit.
7. Blythe Power Constructors (K011): Unit 1- Continued to backfill at Unit 1 Power Block Fire Water Loop. Unit 2- Excavation of the Natural Gas line and pipe installation in the common trench continued.

8. SPX Technologies (K057): Unloaded eight containers from trucks and shipped eight empty containers back. Removed structural steel from eight containers and sorted out material in lay down area. Worked on roof for motor storage.
9. Whiting Turner (K067 – Buildings): Electrical Building 1 final footing excavation and column footing reinforcement was completed today.



SCE Installation-Unit 2



Unit 2 Block 4 Caissons

**Personnel on Site:**

Genesis Team	20
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	51
PSI Testing (K007)	4
Terracon	1
AECOM	13
Guardsmark (K005)	5
Largo (K013)	89
Largo (K015)	36
Baker Electric	0
BPC (K100)	35
BPC (K011)	28
BATZ	0
Sener	3
Newtron	21
Holt Group	2
SPX Technologies (K057)	26
Whiting Turner (K067)	14
<b>Total</b>	<b>363</b>

# Genesis Daily Site Report

May 2, 2012

**Safety:** No accident or injury.

**Safety Topic of the Week:** "Job Training is a Must"

**Weather Conditions:** Sunny, Temp – High 91; SW winds at 14 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Channel finish grade continued in preparation for soil cement. Soil cement continued in Channel B of Unit 1. Finish grade was in Block 2 and mass excavation in Block 4 of Unit 1.
2. Largo (K013): Unit 1 – Working on Misc. pipe supports in Block 5/6. Performing layout for sleepers in Blocks 5/6. Planning to excavate for sleepers tomorrow. Unit 2 –Pouring caissons & Drilling is in Block 4. Layout finished Block 4 today. Continue receiving rebar cages.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Wire and cable installation ring 6 and ring 7 Field 2. Trenching ring 7 and backfill ring 6 field 2. Cable & Fiber testing ring 1 Field 2. Trenching, ground cable, wells, rods, backfill PB1 and PB2 (ongoing support foundations). Aux work- fire pump installation and front gate flood light installations complete.
6. Largo (K015): Unit 1 – Continued forming the ACC columns. Unit 2 – Finished excavating the HTF Drain Pit and started excavating on the Feed water heater foundation. Tying rebar for the ACC exhaust support footings, forming columns in the pipe rack. Installing conduit in the STG. Poured all 6 HTF Overflow footings this morning. Received the last load of rebar for the HTF Drain Pit.
7. Blythe Power Constructors (K011): Unit 1- Continued to backfill at Unit 1 Power Block Fire Water Loop. Unit 2- Excavation of the Natural Gas line and pipe installation in the common trench continued.

8. SPX Technologies (K057): Unloaded eight containers from trucks and loaded eight empty containers for return. Unloaded structural steel from containers and sorted material in lay down yard. Worked on storage area for motors.
9. Whiting Turner (K067 – Buildings): Reinforcing steel and slab compaction continued at Electrical Building 2. Electrical Building 1 column footing reinforcing and anchor bolts continue.



Power Block 2

**Personnel on Site:**

Genesis Team	20
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	51
PSI Testing (K007)	4
Terracon	1
AECOM	13
Guardsmark (K005)	5
Largo (K013)	89
Largo (K015)	36
Baker Electric	0
BPC (K100)	35
BPC (K011)	28
BATZ	0
Sener	3
Newtron	21
Holt Group	2
SPX Technologies (K057)	26
Whiting Turner (K067)	14
<b>Total</b>	<b>363</b>

# Genesis Daily Site Report

May 3, 2012

**Safety:** No accident or injury. BV safety onsite today. Met with RCFD do discuss next emergency drill

**Safety Topic of the Week:** "Job Training is a Must"

**Weather Conditions:** Sunny, Temp – High 91; SW winds at 14 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Channel finish grade continued in preparation for soil cement. Soil cement continued in Channel B of Unit 1.
2. Largo (K013): Unit 1 – Working on Misc. pipe supports in Block 5/6. Performing layout for sleepers & started excavations in Blocks 5/6. Unit 2 –Pouring caissons & Drilling is in Block 4. Layout will be in Bock 5 Monday. No work scheduled for tomorrow.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Wire and cable installation ring 6 and ring 7 Field 2. Trenching ring 7 and backfill ring 6 field 2. Cable & Fiber testing ring 1 Field 2. Trenching, ground cable, wells, rods, backfill PB1 and PB2 (ongoing support foundations).
6. Largo (K015): Unit 1 – Continued forming the ACC columns. Started excavating for the STG. Unit 2 – Finished excavating the Feed water heater & boiler feed water. Tying rebar for the STG, forming columns in the pipe rack. Installing conduit in the STG. Poured all the ACC exhaust support footings and more pipe rack columns.
7. Blythe Power Constructors (K011): Unit 1- Continued to backfill at Unit 1 Power Block Fire Water Loop. Unit 2- Excavation of the Natural Gas line and pipe installation in the common trench continued.
8. SPX Technologies (K057): Unloaded structural steel from containers and sorted material in lay down yard. Worked on storage area for motors.

9. Whiting Turner (K067 – Buildings): Reinforcing steel and slab compaction continued at Electrical Building 2. Electrical Building 1 column footing reinforcing and anchor bolts continue.



Power Block 2

**Personnel on Site:**

Genesis Team	20
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	51
PSI Testing (K007)	4
Terracon	1
AECOM	9
Guardsmark (K005)	5
Largo (K013)	89
Largo (K015)	36
Baker Electric	0
BPC (K100)	35
BPC (K011)	28
BATZ	0
Sener	3
Newtron	21
Holt Group	2
SPX Technologies (K057)	26
Whiting Turner (K067)	14
<b>Total</b>	<b>359</b>

# Genesis Daily Site Report

May 4, 2012

**Safety:** No accident or injury. BV safety onsite today. Met with RCFD to test gravity feed on fire suppression tanks.

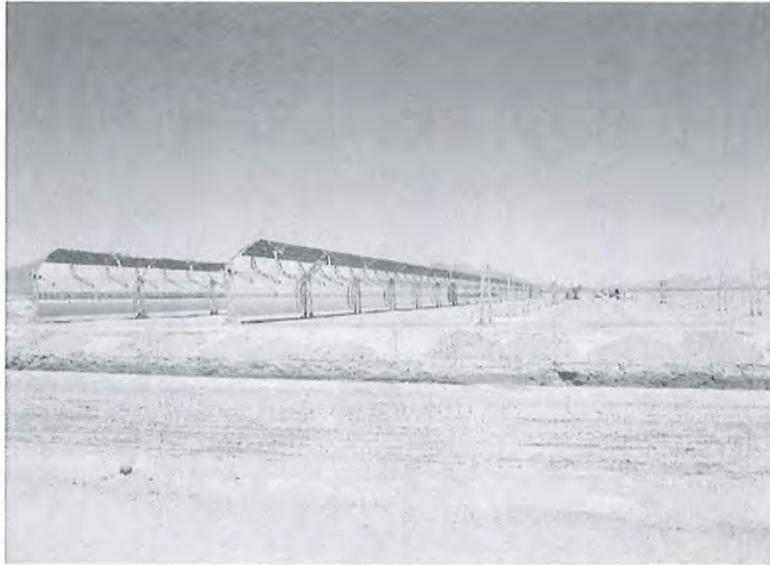
**Safety Topic of the Week:** "Job Training is a Must"

**Weather Conditions:** Sunny, Temp – High 96; SW winds at 18 mph

**Site Compliance:** No issues to report.

## **Items completed and working:**

1. Site Preparation (K008): Channel finish grade continued in preparation for soil cement. Soil cement continued in Channel BC of Unit 1.
2. Largo (K013): No Activity.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Wire and cable installation ring 6 and ring 7 Field 2. Trenching ring 7 and backfill ring 6 field 2. Trenching, ground cable, wells, rods, backfill PBI.
6. Largo (K015): No Activity.
7. Blythe Power Constructors (K011): No Activity.
8. SPX Technologies (K057): Unloaded trucks and containers "9" and sorted structural in lay down yard, prebuilt structural.
9. Whiting Turner (K067 – Buildings): No Activity.



Unit 2 Block 1 SCE Installation

**Personnel on Site:**

Genesis Team	16
NAM	1
SWCA	1
Sukut (K010)	5
Sukut (K008)	45
PSI Testing (K007)	3
Terracon	1
AECOM	5
Guardsmark (K005)	5
Largo (K013)	0
Largo (K015)	0
BPC (K100)	35
BPC (K011)	0
BATZ	0
Sener	3
Newtron	21
Holt Group	2
SPX Technologies (K057)	26
Whiting Turner (K067)	0
<b>Total</b>	<b>169</b>



# Genesis Daily Site Report

May 7, 2012

**Safety:** No accident or injury. Safety Committee met today.

**Safety Topic of the Week:** "Flammable Liquids"

**Weather Conditions:** Sunny, Temp – High 94; SW winds at 20 mph NW

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Soil cement continued in Channel C. All earthwork operations were suspended due to high winds this morning.
2. Largo (K013): Minimal caisson work performed in Unit 2 Block 4 today due to the wind. Received a load of bolts.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Wire and cable installation ring 6 and ring 7 Field 2. Trenching ring 7 and backfill ring 6 field 2. Crews shut down early because of wind.
6. Largo (K015): Shut down this morning due to wind. Minimal work performed.
7. Blythe Power Constructors (K011): Continued with backfill at Power Block 1 Firewater Loop. Began laying out pipe for Natural Gas line in South East Corner of Unit 2. Excavation was shut down due to wind.
8. SPX Technologies (K057): Worked on sorting out steel structure in lay down yard. Worked on preassembly of structure. Orientation for 21 new hires. Shut down at 9:30 due to high winds.
9. Whiting Turner (K067 – Buildings): Electrical Building 2 preparation for slab and grade beam pours continued.



Power Block 2 ACC

**Personnel on Site:**

Genesis Team	16
NAM	7
SWCA	2
Sukut (K010)	5
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	12
Guardsmark (K005)	5
Largo (K013)	89
Largo (K015)	38
BPC (K100)	35
BPC (K011)	29
BATZ	1
Sener	3
Newtron	21
Holt Group	2
SPX Technologies (K057)	49
Whiting Turner (K067)	10
<b>Total</b>	<b>376</b>



# Genesis Daily Site Report

May 8, 2012

**Safety:** No accident or injury. New Safety Professional, Matt Skebeck joined the Management Team. This addition should enhance feedback on field Safety performance.

**Safety Topic of the Week:** "Flammable Liquids"

**Weather Conditions:** Sunny, Temp – High 94; SW winds at 6 mph NE

**Site Compliance:** No issues to report.

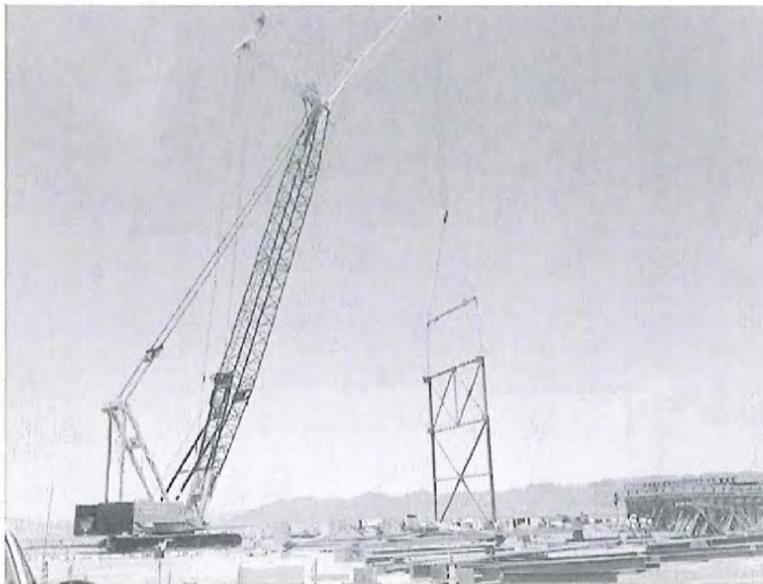
## Items completed and working:

1. Site Preparation (K008): Soil cement continued in Channel C and Channel D of Unit 2. Channel sub-grade was in Channel BC in preparation for soil cement.
2. Largo (K013): Unit 1 – Working on Misc. pipe supports and excavating for sleepers in Block 5/6. Unit 2 –Pouring caissons & Drilling is in Block 4. Layout started in Block 5 Today.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Backfill and testing ring 1 field 2. Cable installation and blanketing ring 6 field. Trenching and cable, control installation ring 7 field 2. Cable and fiber installation ring 7 field 1. Power block 1 and 2 grounding installation
6. Largo (K015): Unit 1 – Continued forming the ACC columns and excavating for the STG. Unit 2 –Tying rebar, hanging forms and embeds for the STG, forming columns in the pipe rack, backfilling the southern pipe rack foundations. No concrete poured today.
7. Blythe Power Constructors (K011): Pipe installation continued at Power Block 1 Fire Water Loop. The Natural Gas pressure test was conducted in Solar Field 2 common trench. Excavation continued at the Southeast corner Natural Gas line.
8. SPX Technologies (K057): Crews began setting steel structures.

9. Whiting Turner (K067 – Buildings): Electrical Bldg. 1 column footings were poured today. Electrical Bldg. 2 underground work continued in preparation for slab and grade beam pours Thursday morning.



Power Block 2 ACC



Power Block 2 ACC

**Personnel on Site:**

Genesis Team	20
NAM	7
SWCA	2
Sukut (K010)	5
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	12
Guardsmark (K005)	5
Largo (K013)	87
Largo (K015)	33
BPC (K100)	35
BPC (K011)	29
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	49
Whiting Turner (K067)	10
<b>Total</b>	<b>371</b>

# Genesis Daily Site Report

May 9, 2012

**Safety:** There were no accidents or injuries today.

**Safety Topic of the Week:** "Flammable Liquids"

**Weather Conditions:** Sunny, Temp – High 99; SE winds at 10 mph

**Site Compliance:** Nothing significant to report.

## Items completed and working:

1. Site Preparation (K008): Soil cement continued in Channel D and the sedimentation pond of Unit 2. Channel finish grade continued in Channel A and B in preparation for soil cement
2. Largo (K013): Unit 1 – Working on Misc. pipe supports and excavating for sleepers in Block 5/6. Started tying rebar cages for sleepers. Unit 2 –Pouring caissons & Drilling is in Block 4. Layout Continued in Block 5 on the East end today.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Continued trenching, ground cable and rod installation in Power Block 1. Backfill trenching in Unit 2 Ring 6, Testing cable and fiber in ring 1 Unit 2, Installing power and ground cable in Ring 7 Unit 2.
6. Largo (K015): Unit 1 – Finished Excavating for the STG. Unit 2 –Tying rebar, hanging forms and conduits for the STG, Backfilling around columns in the piperack. Started tying rebar in the HTF Drain pit. Feedwater heater pour scheduled for tomorrow morning.
7. Trailer City: No Activity.
8. Blythe Power Constructors (K011): Pipe installation and backfill continued at Power Block 1 Fire Water Loop. Excavating for the gas line in unit 2.
9. SPX Technologies (K057): Prebuilt bents and motor bridges, receiving & unloading containers.

10. Whiting Turner (K067 – Buildings): Electrical Building 2 preparation for slab and grade beam pours completed with the pour scheduled for tomorrow morning.



Rebar Installation at HTF Drain Pit in Unit 2



Electrical Building Pad ready to Pour In Unit 2

## Personnel on Site

Genesis Team	24
NAM	7
SWCA	2
Sukut (K010)	3
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	12
Guardsmark (K005)	3
Largo (K013)	87
Largo (K015)	33
Williams Scotsman	0
BPC (K100)	35
BPC (K011)	29
BATZ	0
Sener	3
Newtron	20
Holt Group	3
SPX Technologies (K057)	54
Whiting Turner (K067)	10
<b>Total</b>	<b>377</b>

# Genesis Daily Site Report

May 10, 2012

**Safety:** There were no accidents or injuries. BV Safety onsite today.

**Safety Topic of the Week:** "Flammable Liquids"

**Weather Conditions:** Sunny, Temp – High 101; SW winds at 15-20 mph

**Site Compliance:** Nothing significant to report.

## **Items completed and working:**

1. Site Preparation (K008): Soil cement continued in Channel D and the sedimentation pond of Unit 2. Channel finish grade continued in Channel A and B in preparation for soil cement
2. Largo (K013): Unit 1 – Working on Misc. pipe supports and sleepers in Block 5/6. Unit 2 – Pouring caissons & Drilling is in Block 4. Layout Continued in Block 5 on the East end.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Par (K012): Relocated pole line transformer/cutouts/insulator/drop from pole 8 to 219 to support receiving connex. Tested/verified transmission pole depth.
6. Newtron (K014): Continued ground cable and rod installation in Power Block 1. Trenching in Unit 2 Block 3, Installing power and ground cable in Ring 7 Unit 2, Backfill trench in Unit 2 Ring 6.
7. Largo (K015): Unit 1 – Finished Excavating for the STG. Unit 2 –Tying rebar, hanging forms and conduits for the STG, Backfilling around columns in the piperack. Started tying rebar in the HTF Drain pit. Feedwater heater pour scheduled for tomorrow morning.
8. Blythe Power Constructors (K011): Pipe installation and backfill continued at Power Block 1 Fire Water Loop. Excavating for the gas line in unit 2.

9. SPX Technologies (K057): Prebuilt bents and motor bridges, erected one bent and tied in. Sorting material in laydown yard.
10. Whiting Turner (K067 – Buildings): Electrical Building 2 poured slab and grade beam this morning.



Drilling Caissons in Block 4 Unit 2

## Personnel on Site

Genesis Team	23
NAM	7
SWCA	2
Sukut (K010)	3
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	12
Guardsmark (K005)	3
Largo (K013)	87
Largo (K015)	33
Williams Scotsman	0
BPC (K100)	35
BPC (K011)	29
BATZ	0
Sener	3
Newtron	20
Holt Group	3
SPX Technologies (K057)	54
Whiting Turner (K067)	10
PAR (K012)	4
<b>Total</b>	<b>380</b>

# Genesis Daily Site Report

May 11, 2012

**Safety:** There were no accidents or injuries.

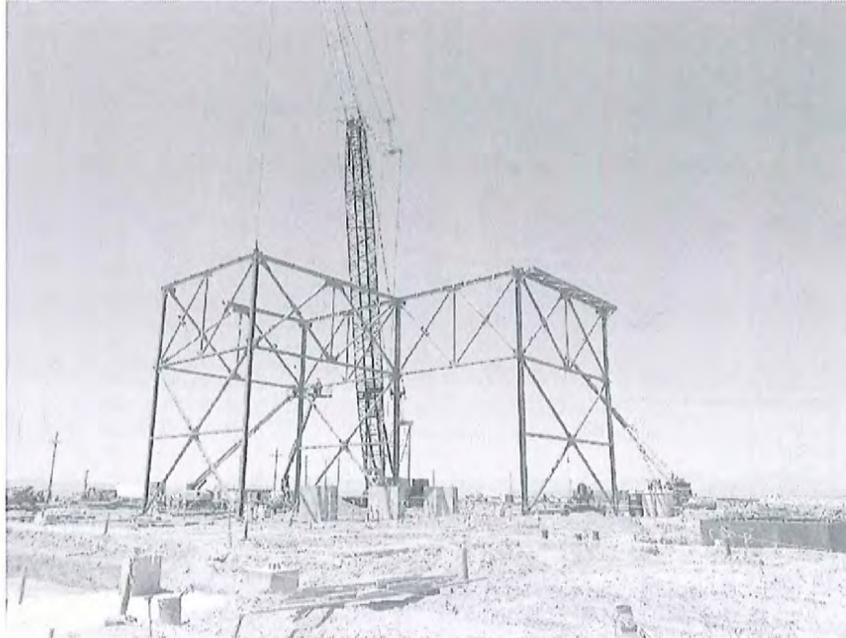
**Safety Topic of the Week:** "Flammable Liquids"

**Weather Conditions:** Sunny, Temp – High 99; SW winds at 9 mph

**Site Compliance:** Nothing significant to report.

## **Items completed and working:**

1. Site Preparation (K008): Soil cement continued in Channel D and the sedimentation pond of Unit 2. Channel finish grade continued in Channel D in preparation for soil cement.
2. Largo (K013): Unit 1 – No Work. Unit 2 – Layout Continued in Bo.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Continued ground cable and rod installation in Power Block 1. Trenching in Unit 2 Block 3, Installing power and ground cable in Ring 7 Unit 2, Backfill trench in Unit 2 Ring 6.
6. Largo (K015): Unit 1 – No work. Unit 2 – Installing bolts and embeds for the STG
7. Blythe Power Constructors (K011): No work.
8. SPX Technologies (K057): Prebuilt bents and motor bridges, Sorting material in laydown yard.



Installing ACC Steel in Unit 2



STG in Power Block 2

## Personnel on Site

Genesis Team	21
NAM	7
SWCA	2
Sukut (K010)	3
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	12
Guardsmark (K005)	3
Largo (K013)	2
Largo (K015)	13
Williams Scotsman	0
BPC (K100)	37
BPC (K011)	29
BATZ	0
Sener	3
Newtron	20
Holt Group	3
SPX Technologies (K057)	54
Whiting Turner (K067)	10
<b>Total</b>	<b>271</b>

# Genesis Daily Site Report

May 14, 2012

**Safety:** No accident or injury. High temperatures requiring employees in the field to realize the need to acclimate. Safety Committee meeting included site Safety Professionals for discussion.

**Safety Topic of the Week:** "What Can You Do to Prevent Accidents"

**Weather Conditions:** Sunny, Temp – High 110; SW winds at 6 mph SE

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Soil cement continued in the sedimentation basin of Unit 1. Finish grade in preparation for soil cement continued in Unit 2 channels.
2. Largo (K013): Unit 1 – Working on loop pipe supports and excavating for sleepers in Block 5/6. Poured the bottom mat on the first sleeper today. Unit 2 –Pouring caissons & Drilling is in Block 4. Layout is in Block 5. Drilled loop pipe supports on the North end of Block 1.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Installing fiber optic ring 7 field 1. Installing fiber optic, Ethernet, ground cable ring 7 field 2. Backfilling ring 6 field 2. Trenching ring 3 field 2. Ground cable, rods installation Power Block 1.
6. Largo (K015): Unit 1 – Finished excavating for the HTF Drain pit, and started on the feed water heater. Unit 2 – Held a pre-pour meeting and Installed conduit, embeds, and bolts for the STG, Excavating in the Northern pipe rack, and Tying rebar in the HTF Drain Pit. Common Area: Over excavated and re-compacted for the firewater tank foundation.
7. Blythe Power Constructors (K011): Pipe installation continued at Power Block 1 Fire Water Loop. Excavation began on Solar Field 1 & 2 South Fire Water Lines. Pipe Installation continued at the Unit 2 Gas Line and East Fire Water Line.

8. SPX Technologies (K057): Crews continued setting steel structures.
9. Whiting Turner (K067 – Buildings): Unit 1 Electrical Building cable pit footings were poured today, with SOG and grade beams to follow next week.



Over excavation of the Firewater Tank in the Common Area

**Personnel on Site:**

Genesis Team	20
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	91
Largo (K015)	31
BPC (K100)	35
BPC (K011)	29
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	55
Whiting Turner (K067)	10
<b>Total</b>	<b>385</b>



# Genesis Daily Site Report

May 15, 2012

**Safety:** No accident or injury.

**Safety Topic of the Week:** "What Can You Do to Prevent Accidents"

**Weather Conditions:** Sunny, Temp – High 105; SW winds at 12 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Finish grade resumed in Blocks 2 and 3 of Unit 1. Soil cement continued and is progressing well.
2. Largo (K013): Unit 1 – Working on loop pipe supports and excavating for sleepers in Block 5/6. Tying rebar for sleepers. Unit 2 –Pouring caissons in Block 4. Drilling and Layout is in Block 5. Finished Drilling loop pipe supports on the North end of Block 1 and moved to the South side of Block 1.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Power block 1 Installing grounding cable, ground rods, trenching and backfill. Ring 6 Field 2 Backfilling and testing. Ring 7 Field 2 Installing fiber optic, Ethernet, grounding. Ring 3 Field 2 Trenching. Install feeder and terminate material connex.
6. Largo (K015): Unit 1 – Finished excavating for the HTF Drain pit. Unit 2 – Continued installing conduit, embeds, and bolts for the STG, Excavating in the Northern pipe rack. Planning on Pouring the STG Block Friday morning. Common Area: Over excavated and re-compacted for the firewater tank foundation.
7. Blythe Power Constructors (K011): Pipe installation continued at Power Block 1 Fire Water Loop. Excavation and pipe installation continued on Solar Field 1 & 2 South Fire Water Lines. Pipe Installation continued at the Unit 2 Gas Line and East Fire Water Line.
8. SPX Technologies (K057): Crews continued setting steel structures and receiving material.

9. Whiting Turner (K067 – Buildings): Unit 1 Electrical Building underground installations continued, and Unit 2 Electrical Building form removals were completed.



Finish Grade in Unit 1

**Personnel on Site:**

Genesis Team	24
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	77
Largo (K015)	39
BPC (K100)	35
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	43
Whiting Turner (K067)	10
<b>Total</b>	<b>378</b>



# Genesis Daily Site Report

May 16, 2012

**Safety:** A Largo subcontract Employee cut his finger while cleaning dirt from the mount of a drill auger. The Employee pinched his gloved finger between the bit and tool he was using, cutting his finger requiring sutures.

Another Largo employee experienced heat stress while working survey layout. The employee was taken to a cool room to recover. The emergency rescue team was dispatched to the site. The employee's vital signs had returned to normal and the employee was taken to Blythe for observation.

**Safety Topic of the Week:** "What Can You Do to Prevent Accidents"

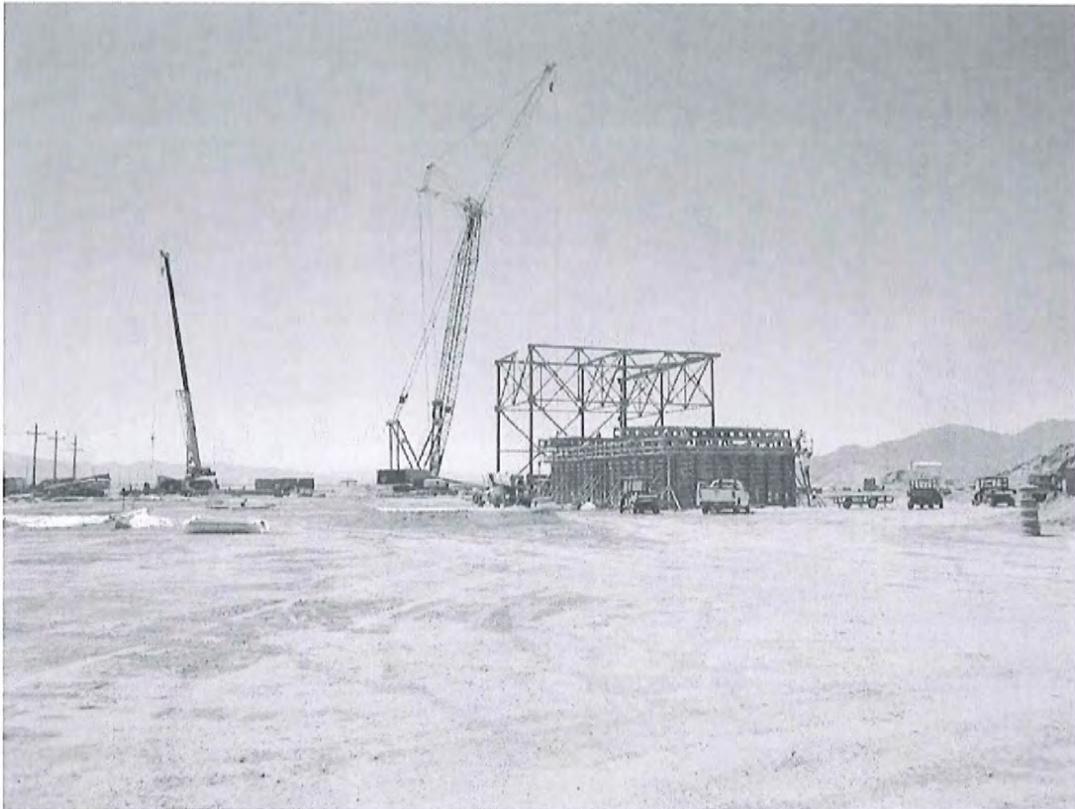
**Weather Conditions:** Sunny, Temp – High 105; SE winds at 10 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Finish grade continued in Blocks 2-4 of Unit 1. Soil cement continued in Unit 2 and is progressing well.
2. Largo (K013): Unit 1 – Working on loop pipe supports and excavating for sleepers in Block 5/6. Tying rebar and poured bottom mat for sleepers. Started layout in Block 2. Unit 2 –Finished pouring caissons in Block 4. Drilling is in Block 5. Drilling loop pipe supports on the South end of Block 1/6 and moving West.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Power block 1 Installing grounding cable, ground rods, trenching and backfill. Ring 6 Field 2 Backfilling and testing. Ring 7 Field 2 Installing fiber optic, Ethernet, grounding. Ring 3 Field 2 Trenching. Install feeder and terminate material connex.
6. Largo (K015): Unit 1 – Finished excavating for the HTF Drain pit. Unit 2 – Continued installing conduit, embeds, and bolts for the STG, Excavating in the Northern pipe rack. Planning on Pouring the STG Block Friday morning.
7. Blythe Power Constructors (K011): Excavation and pipe installation continued on Solar Field 1 & 2 South Fire Water Lines. Natural Gas Pressure Test was conducted on the Unit 2 Gas Line with no issues. Backfill of Unit 2 Common Trench commenced.

8. SPX Technologies (K057): Crews continued setting steel structures and receiving material.
9. Whiting Turner (K067 – Buildings): Unit 1 Electrical Building underground installations continued.



Unit 2 Power Block

**Personnel on Site:**

Genesis Team	24
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	77
Largo (K015)	39
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	43
Whiting Turner (K067)	10
<b>Total</b>	<b>383</b>

# Genesis Daily Site Report

May 17, 2012

**Safety:** No accident or injury. Largo held an all hand Stand Down to discuss soft tissue injury and employer / employee responsibilities in heat injury prevention. Speakers were Rodger Greer Largo, David Riveroll Largo, B. Willard Largo and Gary Mann Genesis Management.

**Safety Topic of the Week:** "What Can You Do to Prevent Accidents"

**Weather Conditions:** Sunny, Temp – High 105; SW winds at 21 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Finish grade continued in Blocks 2 and 4 of Unit 1. Mass excavation recommenced in Block 4 of Unit 1. Soil cement continued in Unit 2 and is scheduled to finish in the channels late next week.
2. Largo (K013): Unit 1 – Finishing up loop pipe supports and continuing sleepers in Block 5/6. Continued layout in Block 2 and unloaded rebar cages. Unit 2 –Pouring caissons & drilling in Block 5. Completed drilling loop pipe supports on the South end of Block 1/6.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): PB #1 and Ring 7 field 1- backfill/compaction. Completed trench excavation ring 3 field 2. Installing ground rings- wind fence. Testing cables ring 6 field 2
6. Largo (K015): Unit 1 – Excavating for the Feedwater heater. Unit 2 – Continued Installing conduit, embeds, and bolts for the STG. The scheduled pour for the STG Block will now occur next Friday morning.
7. Blythe Power Constructors (K011): Excavation and pipe installation was completed on Solar Field 1 & 2 South Fire Water Lines. Backfill of Unit 2 Common Trench and pipe installation in Solar Field 1 Common Trench continued.
8. SPX Technologies (K057): Crews continued setting steel structures and receiving material.
9. Whiting Turner (K067 – Buildings): Unit 1 Electrical Building underground installations continued and Unit 2 Electrical Building site grading.



Unit 2 Block 3

**Personnel on Site:**

Genesis Team	24
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	47
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	95
Largo (K015)	42
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	43
Whiting Turner (K067)	10
<b>Total</b>	<b>404</b>



# Genesis Daily Site Report

May 18, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** "What Can You Do to Prevent Accidents"

**Weather Conditions:** Sunny, Temp – High 99; W winds at 13 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Finish grade continued in Block 4 of Unit 1 with two motor graders. Mass excavation continued in Block 4 of Unit 1, but was stopped at 6-hours due to high winds. Soil cement continued in Unit 2.
2. Largo (K013): Unit 1 – Continued layout in Block 2. Moved drill rigs from Unit 2 to Unit 1 Block 2.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): PB #1 and Ring 7 field 1- backfill/compaction. Completed trench excavation ring 3 field 2. Installing ground rings- wind fence. Testing cables ring 6 field 2
6. Largo (K015): No Activity
7. Blythe Power Constructors (K011): Backfill of Unit 2 Common Trench continued.
8. SPX Technologies (K057): Crews continued setting steel structures and receiving material.
9. Whiting Turner (K067 – Buildings): Structural steel pre-construction meeting was held with the installer, BV, THG, Genesis, and PSI.



Power Block 2 ACC

**Personnel on Site:**

Genesis Team	24
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	47
PSI Testing (K007)	3
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	10
Largo (K015)	0
BPC (K100)	40
BPC (K011)	5
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	43
Whiting Turner (K067)	5
<b>Total</b>	<b>240</b>



# Genesis Daily Site Report

May 21, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** "Preventing Injury Due to Heat and Sun"

**Weather Conditions:** Sunny, Temp – High 112; SSE winds at 13 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Soil Cement continued in Channel D of Unit 2. Mass excavation and finish grade continued in Block 4 of Unit 1.
2. Largo (K013): Unit 1 – Continued layout in Unit 1 Blocks 2 & 3. Began drilling in Unit 1 Block 2.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Testing ring 7 field 1. Cable installation ring 7 field 2. Backfill compaction rings 7 both fields. Trenching ring 3 field 2. Fabrication conduit, rebar raceway for u/g road crossings field 1. Grounding installation PB 1
6. Largo (K015): Unit 1 – Excavating for the Feed water heater. Unit 2 – Continued prepping of STG pour Thursday night.
7. Blythe Power Constructors (K011): Pipe Installation in Solar Field 1 Common Trench and backfill of Unit 2 Common Trench and Firewater lines continued.
8. SPX Technologies (K057): Continued to erected steel structure, unloaded containers with tube bundles.
9. Whiting Turner (K067 – Buildings): Electrical Building 1 underground and reinforcement continued. Electrical Building 2 steel building arrived today, with installation to commence tomorrow.



Power Block 2 ACC

**Personnel on Site:**

Genesis Team	24
NAM	8
SWCA	2
Sukut (K010)	4
Sukut (K008)	36
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	80
Largo (K015)	36
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	43
Whiting Turner (K067)	19
<b>Total</b>	<b>380</b>



# Genesis Daily Site Report

May 22, 2012

**Safety:** No Accident or Injury. Site visit from Bureau Veritas today

**Safety Topic of the Week:** "Preventing Injury Due to Heat and Sun"

**Weather Conditions:** Sunny, Temp – High 110; SW winds at 14 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Soil Cement continued in Channel D of Unit 2. Mass excavation and finish grade continued in Block 4 of Unit 1.
2. Largo (K013): Unit 1 – Continued layout in Unit 1 Block 3. Began drilling in Unit 1 Block 3. Continued to pour in Unit 1 Block 2 and sleeper foundations in Unit 1 Block 6.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Backfill testing Ring 7 Field 1- started road crossings-place manhole PB 1 interface SF 1. Security/Wind fence grounding Field 2 V-ditch/transmission line. Placing fiber, Ethernet ring 3 Field 2. PB 1 & 2 grounding support foundations-Electronic Building #2.
6. Largo (K015): Unit 1 – Installing rebar at STG mat. Unit 2 – Continued prepping of STG pour Thursday night and working in the HTF and Blow Down sump.
7. Blythe Power Constructors (K011): Pipe Installation in Solar Field 1 Common Trench and backfill of Unit 2 Common Trench and Firewater lines continued.
8. SPX Technologies (K057): Continued to set steel structure and receive material.
9. Whiting Turner (K067 – Buildings): Electrical Building 2 began to set steel. Electrical Building 1 slab and grade beam pre-pour inspection is scheduled for tomorrow .



Solar Field 1 Blocks 5 and 6

**Personnel on Site:**

Genesis Team	19
NAM	8
SWCA	2
Sukut (K010)	4
Sukut (K008)	36
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	89
Largo (K015)	36
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	44
Whiting Turner (K067)	19
<b>Total</b>	<b>385</b>



# Genesis Daily Site Report

May 23, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** "Preventing Injury Due to Heat and Sun"

**Weather Conditions:** Mostly Sunny, Temp – High 104; SW winds at 15 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Block 4 Unit 1 finish grade continued and is scheduled to be completed tomorrow. Soil cement continued in Unit 2 channels and moved to the Unit 1 sedimentation basin.
2. Largo (K013): Unit 1 – Completed layout in the Eastern portion of Block 3 & Began drilling in Block 3. Continued to pour in Unit 1 Block 2 and working on sleeper foundations in Block 6. Unit 2 – Drilling Misc pipe supports between Blocks 2 & 3.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Backfill & testing Ring 7 Field 2 - continued road crossings between block 4 & 8 in Field 1. Trenching and cable installation in Ring 3 Field 2. Completed walk down inspections for substantial complete ring 1 & 6 Field 2
6. Largo (K015): Unit 1 – Installing rebar in the STG mat. Unit 2 – Completed embed and bolt installations, performed inspections on the STG block which is scheduled to pour Thursday night/Friday morning. Continued forming and installing the stainless steel waterstops in the HTF Drain Pit. Forming HTF Overflow vessels. Installing rebar in the Blowdown/Oily Water sump & started in the feedwater heater.
7. Blythe Power Constructors (K011): Pipe Installation in Solar Field 1 Common Trench and backfill of Unit 2 Common Trench and Firewater lines continued.
8. SPX Technologies (K057): Continued to preassemble & erect steel structure and receive material.

9. Whiting Turner (K067 – Buildings): Electrical Building 1 pre-pour foundation inspections were completed with the pour scheduled for tomorrow. Electrical Building 2 steel installations continued. Layout for the Administration Building continues.



Power Block 2 Electrical Building, STG & ACC

**Personnel on Site:**

Genesis Team	24
NAM	8
SWCA	2
Sukut (K010)	4
Sukut (K008)	42
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	80
Largo (K015)	36
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	43
Whiting Turner (K067)	21
<b>Total</b>	<b>388</b>

# Genesis Daily Site Report

May 24, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** "Preventing Injury Due to Heat and Sun"

**Weather Conditions:** Mostly Sunny, Temp – High 99; S winds at 13 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Block 4 Unit 1 finish grade completed today. Soil cement continued in the channels and will be completed tomorrow.
2. Largo (K013): Unit 1 – set control in Block 4, Started layout in the Eastern portion of Block 4 & continued drilling in Block 3. Continued to pour caissons in Unit 1 Block 2. Forming sleeper foundations in Block 5/6 and poured first 5 sleeper walls this morning. Unit 2 – Drilling Misc pipe supports between Blocks 2 & 3.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Trenching and ground installation Ring 3 field 2. Backfill and compaction Ring 7 Field 1. Backfill and compaction road crossings Field 1. Trenching and ground installation Power block 2
6. Largo (K015): Unit 1 – Backfilling HTF overflow vessels Unit 2 – Performed inspections on the STG block and finished all STG foundation installation work. Concrete pour is scheduled for Thursday night/Friday morning. Continued forming and installing the stainless steel water stops in the HTF Drain Pit. Forming HTF Overflow vessels. Installing rebar in the feed water heater.
7. Blythe Power Constructors (K011): Pipe Installation in Solar Field 1 Common Trench and backfill of Unit 2 Common Trench and Firewater lines continued. Solar Field 1 Natural Gas Test was conducted with no issues.
8. SPX Technologies (K057): Unloaded nine containers from trucks and sent back nine empty containers. Unloaded tube bundles from containers and set in upper lay down area. Rack and bolt structure.

9. Whiting Turner (K067 – Buildings): Electrical Building 1 SOG and grade beam pours were completed today. Electrical Building 2 steel installations continued. Administration Building over-excavation commenced.



Unit 1 Blocks 5 and 6 Sleeper Wall Pour



Soil Cement at Channel BC

**Personnel on Site:**

Genesis Team	24
NAM	8
SWCA	2
Sukut (K010)	4
Sukut (K008)	42
PSI Testing (K007)	4
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	80
Largo (K015)	36
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	41
Whiting Turner (K067)	21
<b>Total</b>	<b>386</b>

# Genesis Daily Site Report

May 25, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** "Preventing Injury Due to Heat and Sun"

**Weather Conditions:** Mostly Sunny, Temp – High 94; S winds at 10-20 mph, High Gusts

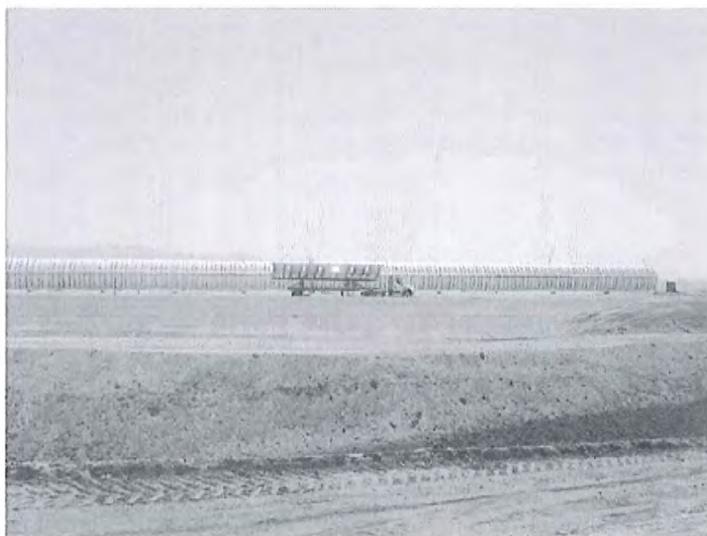
**Site Compliance:** No issues, fugitive dust was closely watched and mitigated with dust control practices.

## **Items completed and working:**

1. Site Preparation (K008): Finish grade continued in the channels in preparation for riprap installation. Access road subgrade, prep for soil-cement.
2. Largo (K013): No work today.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road. Two exploratory trenches were completed, the third trench will be completed tomorrow.
5. Newtron (K014): Backfill and compaction Ring 7 Field 2. Backfill and compaction road crossings Field 1. Trenching and ground installation Power block 2
6. Largo (K015): Poured STG foundation in Unit 2.
7. Blythe Power Constructors (K011): No work today.
8. SPX Technologies (K057): Lined up structure and bolted joints. Unloaded containers of tube bundles and prebuilt tie in beams.
9. Whiting Turner (K067 – Buildings): Continued over-excavation of the administration building.



Unit 2: Power Block Finish Work



SF.2: BPC Transport SCE

**Personnel on Site:**

Genesis Team	19
NAM	8
SWCA	2
Sukut (K010)	5
Sukut (K008)	26
PSI Testing (K007)	3
Terracon	1
AECOM	9
Guardsmark (K005)	5
Largo (K013)	0
Largo (K015)	35
BPC (K100)	40
BPC (K011)	0
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	41
Whiting Turner (K067)	21
<b>Total</b>	<b>240</b>

# Genesis Daily Site Report

May 29, 2012

**Safety:** No Accident or Injury. Meeting with Safety Professionals to discuss upcoming emergency drill and hand safety audits

**Safety Topic of the Week:** "Recognizing and Avoiding Pinch Points"

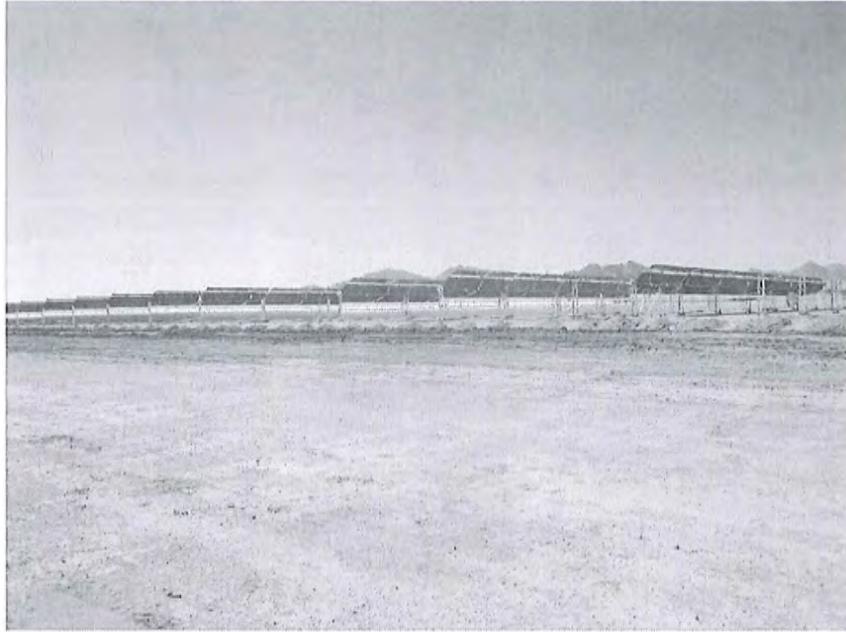
**Weather Conditions:** Mostly Sunny, Temp – High 101; SE winds at 9 mph

**Site Compliance:** No issues to report.

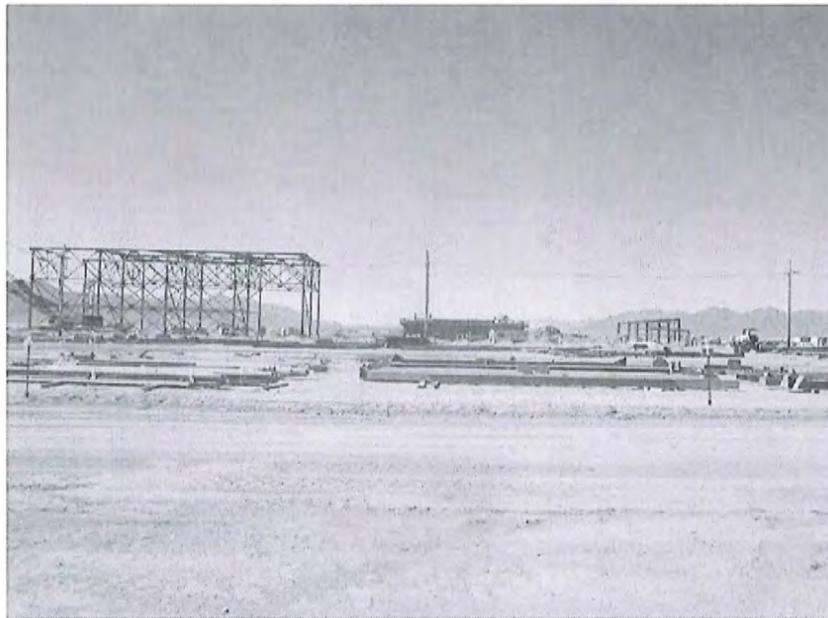
## Items completed and working:

1. Site Preparation (K008): Channel bottom riprap placement commenced in Channel A. Unit 1 access road soil cement commenced with base to follow tomorrow. Channel finish grade in preparation for riprap continued in Unit 2.
2. Largo (K013): Unit 1 – Set remainder of control in Block 4, Continued layout and started drilling in the Eastern portion of Block 4 today. Drilling in Block 3 is now complete. Finished pouring caissons in Block 2 this morning and started in Block 3. Forming and pouring sleeper & pipe support foundations in Block 5/6. Unit 2 – No Work.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Ring 7 field 2 backfill compaction. Ring 3 field 2 installation power, fiber, Ethernet cable. Power Block 2- ground cable installation. Wind fence ground whips.
6. Largo (K015): Unit 1 – Tying rebar in the STG Mat. Unit 2 – Stripping templates & block-outs in the STG foundation. Tying rebar in the HTF Drain Pit, Blow down/Oily water sump & feed water heater. Forming HTF Overflow Vessel walls. Common Area – Over excavated and re-compacted for the last two tanks in common area.
7. Blythe Power Constructors (K011): Common Trench and excavation of Unit 2 Power Block and South branch Firewater Lines commenced today. Crews continued fabrication of Unit 2 Firewater Lines.
8. SPX Technologies (K057): Unload containers and sent back empty containers. Unload tube bundles from containers. Erect structural bents and bracing, and bolt up.

9. Whiting Turner (K067 – Buildings): Electrical Building 2 steel installations continue. Electrical Building 1 foundation backfill commenced. Water Treatment Building layout was completed to the new coordinates, with foundation excavation to follow. Administration Building UG is scheduled for tomorrow.



Unit 2 Block 1- SCE Installation



Power Block 2

**Personnel on Site:**

Genesis Team	24
NAM	11
SWCA	2
Sukut (K010)	4
Sukut (K008)	42
PSI Testing (K007)	3
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	80
Largo (K015)	36
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	41
Whiting Turner (K067)	21
<b>Total</b>	<b>388</b>

# Genesis Daily Site Report

May 30, 2012

**Safety:** No Accident or Injury. Project sustained a temporary power outage as a result of BPC piping crew digging up guy wire. All systems have been returned to normal.

**Safety Topic of the Week:** "Recognizing and Avoiding Pinch Points"

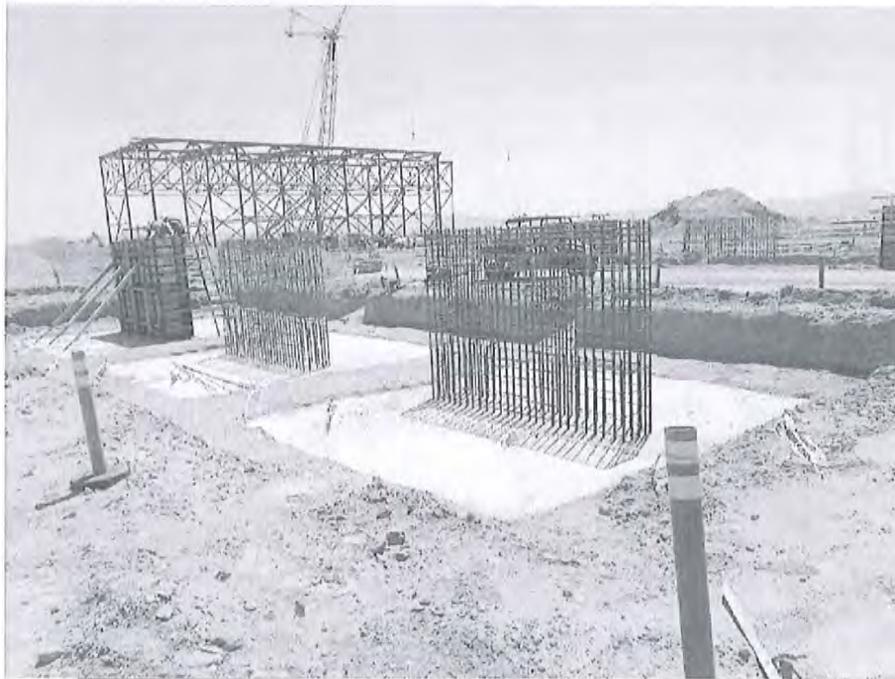
**Weather Conditions:** Mostly Sunny, Temp – High 103; SE winds at 5 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Channel bottom riprap placement continued in Channel A. Unit 1 access road aggregate base commenced with Unit 2 access road soil cement placement. Channel finish grade in preparation for riprap continued in Unit 2.
2. Largo (K013): Unit 1 – Continued layout and drilling in the Eastern portion of Block 4. Pouring caissons in Block 3. Forming and pouring sleeper & pipe support foundations in Block 5/6. Received rebar cages and a load of bolts. Unit 2 – Started excavating sleepers on the South side of Block 1, drilled pipe supports on the North end of Block 7. Solar Field caissons are now 50% complete as of 6:46am this morning.
3. Blythe Power Constructors (K100): Continued limited SCE Installation and receiving material.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Installing ground network and whips to support west SF 2 wind/security fence. Electrical U/G duct w/encasement main project road SF 2. Installing ground conductor ring 3 field 2 and jumpers to ring 4. Power block 2 ground grid to support Electronic building. Fabricating conduit support cages for crossings.
6. Largo (K015): Unit 1 – Tying vertical rebar columns in the STG Mat. Unit 2 – Stripping templates & block-outs in the STG foundation. Tying rebar and installing stainless steel water stop in the HTF Drain Pit. Installing rebar and forms in the Blow down/Oily water sump. Forming HTF Overflow Vessel walls and installed bolts. Common Area – Over excavated and re-compacted for the last two tanks in common area.
7. Blythe Power Constructors (K011): Solar Fields 1 and 2 Common Trench backfill and excavation of Unit 2 Power Block and South branch Firewater Lines continued. Crews began installing pipe at Power Block 2 Firewater Loop.

8. SPX Technologies (K057): Unloaded containers from trucks and unloaded tube bundles. Set last bent and erected structure. Torque bolts on structure. Preassembled bracing steel and prepped for install.
9. Whiting Turner (K067 – Buildings): Electrical Building 2 steel installations continue. Electrical Building 1 foundation cleanup continued. Administration Building UG is scheduled for tomorrow.



HTF Overflow Vessels Wall Forms-Unit 2

**Personnel on Site:**

Genesis Team	24
NAM	11
SWCA	2
Sukut (K010)	4
Sukut (K008)	42
PSI Testing (K007)	3
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	102
Largo (K015)	40
BPC (K100)	40
BPC (K011)	36
BATZ	0
Sener	3
Newtron	20
Holt Group	2
SPX Technologies (K057)	41
Whiting Turner (K067)	21
<b>Total</b>	<b>414</b>

# Genesis Daily Site Report

May 31, 2012

**Safety:** Bureau Veritas Safety onsite today. Emergency Response exercise with Riverside County Fire Department and site contractor BPC enacting a severe arm laceration trauma and mock helicopter support.

Largo reported an employee stripping forms slipped and strained a knee. Ice was applied and the employee returned to work. The employee will be monitored closely.

**Safety Topic of the Week:** "Recognizing and Avoiding Pinch Points"

**Weather Conditions:** Sunny, Temp – High 111; W winds at 7 mph

**Site Compliance:** No issues to report.

## Items completed and working:

1. Site Preparation (K008): Access road soil cement and aggregate base continued. Channel finish grade in preparation for riprap continued in Unit 2.
2. Largo (K013): Unit 1 – Continued layout and drilling in Block 4. Pouring caissons was completed in Block 3 today. Forming and pouring sleeper & pipe support foundations in Block 5/6. Unit 2 – Continued excavating sleepers on the South side of Block 1, drilled pipe supports on the North end of Block 7.
3. Blythe Power Constructors (K100): BPC continued SCE installation and alignment in Solar Field 2 Block 1. Material receiving is ongoing.
4. Sukut (K010): Dust control on the main access road.
5. Newtron (K014): Fiber and Ethernet installation ring 3 field 2. Ground grid power block 2. Placed concrete main road crossings. Completed backfill and compaction wind/security fence SF 2 west. 3 loads of wire/cable delivery
6. Largo (K015): Unit 1 – Completed tying vertical rebar columns in the STG Mat which will be poured tomorrow morning. Completed excavation for ACC Duct Bank. Unit 2 – Stripping templates & block-outs in the STG foundation. Tying rebar, forming and installing stainless steel water stop in the HTF Drain Pit. Poured the Blow down/Oily water sump & 3 of the HTF Overflow Vessel walls. Common Area – Over excavated and re-compacted for the last two tanks in common area.

7. Blythe Power Constructors (K011): Solar Fields 1 and 2 Common Trench backfill and excavation of Unit 2 Power Block and South Branch Firewater Lines continued. Crews continued installing pipe at Power Block 2 Firewater Loop.
8. SPX Technologies (K057): Rack and bolt structure and rattle steel in. Erect structure and bracing. Unload 3 containers from trucks and sent 3 empty containers back.
9. Whiting Turner (K067 – Buildings): Electrical Building 2 steel installations continue. Electrical Building 1 foundation cleanup and backfill continued.



Emergency Response Drill

**Personnel on Site:**

Genesis Team	24
NAM	11
SWCA	2
Sukut (K010)	4
Sukut (K008)	42
PSI Testing (K007)	3
Terracon	1
AECOM	17
Guardsmark (K005)	5
Largo (K013)	102
Largo (K015)	40
BPC (K100)	41
BPC (K011)	35
BATZ	0
Sener	4
Newtron	20
Holt Group	2
SPX Technologies (K057)	41
Whiting Turner (K067)	21
<b>Total</b>	<b>415</b>

## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Wednesday, May 02, 2012 2:25 PM  
**To:** Mosley, Charlyn; Gavaldon, Jennifer  
**Cc:** Tommy.Pouncy@fluor.com; CodyBryant  
**Subject:** Genesis (09-AFC-8C) CPM approval, VIS-2, permanent lighting plan  
**Attachments:** image001.jpg

Charly/Jennifer

The following submittals have been reviewed and approved by CEC technical staff; therefore, according to the Genesis Conditions of Certification, the VIS-2 submittal has CPM approval.

April 16, 2012; VIS-2, Permanent Lighting Plan

Thanks, let me know if you have any questions or concerns.

Eric W. Veerkamp, AICP  
Compliance Project Manager  
California Energy Commission  
1516 9th Street, MS 2000  
Sacramento, CA 95814  
916-654-4611  
[Eric.Veerkamp@energy.ca.gov](mailto:Eric.Veerkamp@energy.ca.gov)



## Mosley, Charlyn

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**From:** Gavaldon, Jennifer  
**Sent:** Wednesday, May 09, 2012 4:35 PM  
**To:** Veerkamp, Eric@Energy  
**Cc:** Mosley, Charlyn; Goguts, Luke; Cody Bryant  
**Subject:** 09-AFC-8 GSEP AQ-SC8 ATC Modification Submittal  
**Attachments:** 09-AFC-8 GSEP AQSC8 ATC modification submittal 050912.pdf

Eric,

Attached for your review and approval, is the submittal of ATC modifications required by CoC AQ-SC8. If you have any questions, or require a hard copy, please contact me.

Sincerely,

*Jennie Gavaldon*

*Assistant Field Site Compliance Manager*

Genesis Solar Facility

951-634-2395 cell

email: [Jennifer.Gavaldon@nexteraenergy.com](mailto:Jennifer.Gavaldon@nexteraenergy.com)

## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Friday, May 11, 2012 1:43 PM  
**To:** Gavaldon, Jennifer; Mosley, Charlyn  
**Subject:** Genesis (09-AFC-8C) matrix for use in MCR's  
**Attachments:** image002.jpg; Combined.Matrix\_5.11.2012.xls

Hi Jennie,

As we discussed on the phone, please begin using this Compliance matrix in the MCR's, beginning with April, 2012. I incorporated Charly's review and updates with what I had to come up with what should be the latest Compliance status, acknowledged by both NextEra and the CEC.

Thanks. If you have any questions or if you or Charly see anything that looks amiss, please let me know.

Eric W. Veerkamp, AICP  
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## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Friday, May 11, 2012 9:03 AM  
**To:** Mosley, Charlyn; Gavaldon, Jennifer  
**Cc:** matt.tennyson@aecom.com; stacey.jordan@aecom.com; Strattan, Shaelyn@Energy; Beth Bagwell  
**Subject:** Genesis (09-AFC-8C), CUL-3, approval of additional CRM's  
**Attachments:** image003.jpg

Charly,

The following submittals have been reviewed and approved by CEC technical staff; therefore, according to the Genesis Conditions of Certification, the CUL-3 submittals have CPM approval, and the following individuals are approved to work as Cultural Resource Monitors for Genesis, including the Unit 1 Phase 1 Mitigation.

April 27, 2012 CUL-3 submittal for Chay Morrisey

May 8, 2012 CUL-3 submittal for S. Weidlich, D. Harros, T. Wahoff, T. Cooler, A. York, J. Dietler, B. Vargas, B. Weitling, S. Wilson, P. Augello

Thanks Charly. Let me know if you have any questions.

Eric W. Veerkamp, AICP  
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## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Monday, May 14, 2012 12:59 PM  
**To:** Mosley, Charlyn; Gavaldon, Jennifer  
**Cc:** Beth Bagwell; Holly Roberts (h1robert@blm.gov); John Kalish (jkalish@blm.gov); Marxen, Chris@Energy; Knight, Eric@Energy; McGuirt, Michael@Energy; Strattan, Shaelyn@Energy; Stein, Kenneth; stacey.jordan@aecom.com; CodyBryant  
**Subject:** Genesis (09-AFC-8C) BLM Notice to Proceed RE: Unit 1 Buried Resource Phase I and Phase II Mitigation Plan, CPM Approval  
**Attachments:** image002.jpg; Genesis NTP 5-11-12.pdf

All,

The "Notice to Proceed in Implementing the "Genesis Solar Energy Project Unit I Buried Resource Phase I and Phase II Mitigation Plan, Riverside County, California"", portions of which are excerpted below, supplemented by Appendix B which is included by reference, was issued by the Federal Bureau of Land Management (BLM) on May 11, 2012. Subject to the stipulations contained in said BLM Notice to Proceed, the California Energy Commission agrees with the implementation of the BLM Notice to Proceed to implement the Mitigation Plan. Therefore, this submittal in response to the requirements of CUL-9, has CPM Approval. I have included the NTP for reference.

"After review of existing information, consultation with tribal representatives and discussion among the BLM, the California Energy Commission, the State Historic Preservation Office and Genesis Solar, LLC, regarding site evaluation and mitigation, the buried resource in Unit 1 of GSEP is being assumed eligible for the National Register of Historic Places under Title 36, Code of Federal Regulations (CFR), Part 800.13 ( c ). In order to mitigation the impacts of project construction on this Unit 1 buried resource as required under 36 CFR Part 800.13 ( b ) , the "Genesis Solar Energy Project Unit 1 Buried Resource Phase I and Phase II Mitigation Plan, Riverside County, California" will be implemented. This mitigation plan includes a geoarchaeological trenching program, a Ground Penetrating Radar study, LIDAR artifact analysis, a year-long ethnographic study, archaeological exploration of the adjacent Ford Dry Lake, and multiple public outreach efforts."

Implementation of the Mitigation Plan is authorized to begin on Monday, May 14, 2012.

Please let me know if you have any questions.

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1516 9th Street, MS 2000  
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916-654-4611  
[Eric.Veerkamp@energy.ca.gov](mailto:Eric.Veerkamp@energy.ca.gov)



## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Tuesday, May 15, 2012 3:14 PM  
**To:** Gavaldon, Jennifer; Mosley, Charlyn  
**Cc:** matt.tennyson@aecom.com; Jordan-Connor, Stacey; Strattan, Shaelyn@Energy; Bastian, Beverly@Energy  
**Subject:** Genesis (09-AFC-8C), CUL-3, approval of additional CRM's  
**Attachments:** image003.jpg

Jennie/Charly,

The following submittals have been reviewed and approved by CEC technical staff; therefore, according to the Genesis Conditions of Certification, the CUL-3 submittals have CPM approval, and the following individuals are approved to work as Cultural Resource Monitors for Genesis, including the Unit 1 Phase 1 Mitigation.

May 9, 2012 CUL-3 submittal for C. Jackson, K. Martin, J. Covert

Thanks Jennie. Let me know if you need anything else.

Eric W. Veerkamp, AICP  
Compliance Project Manager  
California Energy Commission  
1516 9th Street, MS 2000  
Sacramento, CA 95814  
916-654-4611  
[Eric.Veerkamp@energy.ca.gov](mailto:Eric.Veerkamp@energy.ca.gov)



## Mosley, Charlyn

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**From:** Gavaldon, Jennifer  
**Sent:** Tuesday, May 15, 2012 12:01 PM  
**To:** Veerkamp, Eric@Energy  
**Cc:** brandond@blattnerenergy.com; Goguts, Luke; Mosley, Charlyn; Cody Bryant  
**Subject:** 09-AFC-8 GSEP VIS-2 Night time Construction Lighting Plan  
**Attachments:** 09-AFC-8\_GSEP\_lighting\_plan\_cover\_letter.pdf; 09-AFC-8\_GSEP\_VIS-02\_Night\_time\_Construction\_Lighting\_Plan.pdf

Eric,

Attached is the lighting plan that we would like to use for night work. We would like to begin work at 1 AM on Friday. At this time the work will be confined to the power blocks.

The lights were set up this morning to test the plan. The resident engineers, Rob Holt and Dee Watson, drove to Interstate 10 to confirm that the lights were not visible beyond the project site and that the lights did not cause excessive reflective glare. There were no issues observed.

Please let me know if you require anything else for approval.

Thank you,

***Jennie Gavaldon***

*Assistant Field Site Compliance Manager*

Genesis Solar Facility

951-634-2395 cell

email: [Jennifer.Gavaldon@nexteraenergy.com](mailto:Jennifer.Gavaldon@nexteraenergy.com)

## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Thursday, May 17, 2012 11:50 AM  
**To:** Gavaldon, Jennifer; Mosley, Charlyn; CodyBryant; Flores, David@Energy  
**Cc:** Marxen, Chris@Energy  
**Subject:** RE: 09-AFC-8 Night work for friday 05/18  
**Attachments:** image003.jpg

Jennie,

In the interest of safety, the VIS-2 submittal dated 5/15 for proposed night work (the limited concrete pours in the power blocks only) has CPM approval. I have been given a verbal ok from the visual staff that the lighting proposal is satisfactory, so I am comfortable issuing my approval. Please ensure that in the future, you provide additional lead time for your submittals, because I cannot be sure that a 2-day turnaround will always be possible.

Thanks Jennie, and I look forward to seeing the proposal for the permanent work. Let me know if you have any questions.

Eric W. Veerkamp, AICP  
Compliance Project Manager  
California Energy Commission  
1516 9th Street, MS 2000  
Sacramento, CA 95814  
916-654-4611  
[Eric.Veerkamp@energy.ca.gov](mailto:Eric.Veerkamp@energy.ca.gov)



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**From:** Gavaldon, Jennifer [mailto:Jennifer.Gavaldon@fpl.com]  
**Sent:** Thursday, May 17, 2012 11:35 AM  
**To:** Veerkamp, Eric@Energy  
**Cc:** Mosley, Charlyn  
**Subject:** 09-AFC-8 Night work for friday 05/18

Eric,

I just wanted to follow up with the plan for tonight's (Early Friday) pour for the power blocks. There will be no trenching or earth moving activities so, no monitors need to be present. This will be a one night pour.

I will be submitting the long term (summer months) lighting plan the middle of next week. In speaking with Stacey Jorden-Conner of AECOM, she informed us that the only concern would be trenching. She said that the monitors would need hand held flood lights in addition to the regular lighting so that they could see any features. There were no concerns with the Caisson drilling. She was also available to speak with the CEC CUL staff as necessary. As a side note, we will be running a couple (early morning) test runs to see what other lighting the monitors may need.

We are seeing the effects of the heat on site. Unfortunately it will only get hotter. This will quickly become a safety issue, as you know, and working evenings is the best way to mitigate illness for everyone.

Please let me know if you have approved the work this evening.

Also, thank you very much for your help,

*Jennie Gavaldon*

*Assistant Field Site Compliance Manager*

Genesis Solar Facility

951-634-2395 cell

email: [Jennifer.Gavaldon@nexteraenergy.com](mailto:Jennifer.Gavaldon@nexteraenergy.com)

## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Monday, May 21, 2012 12:09 PM  
**To:** Gavaldon, Jennifer; Mosley, Charlyn; CodyBryant  
**Subject:** Genesis (09-AFC-8C), MCR corrections/revisions  
**Attachments:** image003.jpg

Hello,

I received the following comments from our air quality staff, please incorporate the requested information into future MCR's.

The following pieces of equipment were specified as Tier 2. Please provide justification why Tier 3 was not specified. If these pieces of equipment are no longer on site, then please disregard.

Aerial Lift, JA3589  
Long? Reach Forklift, NL5546  
Crawler Crane, UN4J99

For the following piece of equipment, there was no Tier rating specified; Tier levels must be identified (for diesel).

Site Prep Equipment (K 008)

Thank you Jennie.

Eric W. Veerkamp, AICP  
Compliance Project Manager  
California Energy Commission  
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916-654-4611  
[Eric.Veerkamp@energy.ca.gov](mailto:Eric.Veerkamp@energy.ca.gov)



## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Thursday, April 26, 2012 9:10 AM  
**To:** Mosley, Charlyn; Gavaldon, Jennifer  
**Cc:** CodyBryant; Strattan, Shaelyn@Energy; Beth Bagwell  
**Subject:** Genesis (09-AFC-8C) CUL-3, operator Grossner

Charly/Jennifer,

Energy Commission technical staff have reviewed and approved the below CUL-3 submittal dated April 5, 2012. Therefore, the submittal has CPM approval, and the individual is approved to work as an equipment operator on the Genesis project.

April 5, 2012; CUL-3, Richard Grossner.

Thanks Charly. Let me know if you have any questions or concerns.

## Mosley, Charlyn

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**From:** Veerkamp, Eric@Energy [Eric.Veerkamp@energy.ca.gov]  
**Sent:** Thursday, May 31, 2012 12:22 PM  
**To:** Gavalon, Jennifer; Mosley, Charlyn  
**Subject:** Genesis (09-AFC-8C), BIO-3, approval of additional bio monitors  
**Attachments:** image001.jpg

Charly/Jennie,

The following BIO-3 submittal has been reviewed and approved by CEC technical staff; therefore, according to the Genesis Conditions of Certification, the submittal has CPM approval, and the following individuals are approved to work as Biological Resource Monitors for Genesis.

May 24, 2012, BIO-3, Biological Monitors

- Michael Anguiano
- Rocky Brown
- Angie Harbin-Ireland
- Erik LaCoste
- Gregg Lukasek
- Jimmy McMorran
- Brennan Mulrooney
- Milo Rivera
- Ron Walker

Please let me know if you have any other questions.

Eric W. Veerkamp, AICP  
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California Energy Commission  
1516 9th Street, MS 2000  
Sacramento, CA 95814  
916-654-4611  
[Eric.Veerkamp@energy.ca.gov](mailto:Eric.Veerkamp@energy.ca.gov)



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**From:** Gavalon, Jennifer [mailto:Jennifer.Gavalon@fpl.com]  
**Sent:** Wednesday, May 23, 2012 4:43 PM  
**To:** Veerkamp, Eric@Energy  
**Cc:** Mosley, Charlyn  
**Subject:**

Eric,

We are requesting the approval of nine additional Biological Monitors (BMs) for the Genesis Solar Energy Project for the upcoming linear work outside the fence. The following individuals who meet the qualifications for BMs for the project.

- Michael Anguiano
- Rocky Brown
- Angie Harbin-Ireland
- Erik LaCoste
- Gregg Lukasek
- Jimmy McMorran
- Brennan Mulrooney
- Milo Rivera
- Ron Walker

Their resumes, references, and contact information are attached for your consideration.

Thank you,

***Jennie Gavaldon***

*Assistant Field Site Compliance Manager*

Genesis Solar Facility

951-634-2395 cell

email: [Jennifer.Gavaldon@nexteraenergy.com](mailto:Jennifer.Gavaldon@nexteraenergy.com)

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 Guage (in gal)	Comments
Tues. 05/01	91538	100011	166164		
Wed. 05/02	92516	100545	166553		
Thur. 05/03	93504	100972	167056		
Fri. 05/04	94506	101602	167546		
Sat. 05/05	94506	101602	167546		
Sun. 05/06	94506 acre feet x .001	101602 acre feet x .001	167546 acre feet x .001	78762 00 (out of service)	Friday reading 05/04
Mon. 05/07	95397	101852	168334		
Tues. 05/08	96389	101972	169062		
Wed. 05/09	97288	102120	169837		
Thur. 05/10	98384	102540	170627		
Fri. 05/11	99427	102812	171339		
Sat. 05/12	99427	102812	171339		
Sun. 05/13	99427 acre feet x .001	102812 acre feet x .001	171339 acre feet x .001	78762 00 (out of service)	Friday reading 05/11
Mon. 05/14	100226	103351	172360		
Tues. 05/15	100972	103915	173362		
Wed. 05/16	101867	104494	174669		
Thur. 05/17	102787	104943	175684		
Fri. 05/18	103370	105509	176321		
Sat. 05/19	103370	105509	176321		
Sun. 05/20	103370 acre feet x .001	105509 acre feet x .001	176321 acre feet x .001	78762 00 (out of service)	Friday reading 05/18
Mon. 05/21	103791	106104	177553		
Tues. 05/22	104289	106687	178746		
Wed. 05/23	104676	107005	179851		
Thur. 05/24	105236	107443	180872		
Fri. 05/25	105844	107911	181323		
Sat. 05/26	105844	107911	181323		
Sun. 05/27	105844 acre feet x .001	107911 acre feet x .001	181323 acre feet x .001	78762 00 (out of service)	Friday reading 05/25
Mon. 05/28	103201	108396	182056		
Tues. 05/29	103728	108845	182806		
Wed. 05/30	104114	109375	183559		
Thur. 05/31	104497	109881	184537		

