

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

**Genesis Solar, LLC**

**Monthly Compliance Report #24  
October 2012**

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

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

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

- Continued New Employee site specific Safety Training and Worker's Environmental Awareness Training.
- Trap channel installation continued.
- Installation of the raw water tank continued.
- Rough grading for evaporation ponds has been completed.
- Began installation of the Demin Tanks in Unit 1 and Unit 2.
- Caisson drilling moved to Unit 2, block 8.
- Installation and testing of all underground pipe continued
- SCA/SCE installation continues in Unit 2

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

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

| Date     | To  | Condition | Subject                           |
|----------|-----|-----------|-----------------------------------|
| 10/12/12 | CEC | AQ SC-1   | New AQCMM Delegate, Craig Arneson |

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

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

### **AQ-SC1: Air Quality Construction Mitigation Manager**

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

An application for a new AQCMM (Craig Arneson) was submitted on October 12. Craig's application was approved by the CEC on October 26, 2012.

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

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

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

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

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

- No vehicle shall exceed 10 mile per hour on unpaved areas within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads as long as such speeds do not create visible dust emissions.
- Speed limit signs are posted at the lay-down areas and along the access roads for the full length of the project. Dusk and dawn speed limit signs annotating the 35 mph limit continue to be a discussion with contractors to remind them of the reduction in speed during the dusk and dawn hours. 45 mph is posted during the day and 35 mph posted for the night hours. The times are based upon the published civil twilight hours.
- As per AQ-SC3 all soil piles have been treated with water and/or tackifier to reduce dust plumes during windy conditions.
- All roads have had water applied to them regularly to reduce dust plumes from moving vehicles.
- Areas where dirt roads intersect asphalt roads have had a 20' X 50' rock pad installed to reduce tracking onto the road.
- A track out, on the entrance to the public road, has been installed to reduce any track out.
- All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.
- No diesel equipment has been allowed to idle in excess of 5 minutes.

#### **AQ-SC4: Dust Plume Response Requirement**

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

As per AQ-SC4 a policy of fugitive dust monitoring has been put into place. 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.

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

#### **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 October, are provided in Appendix A. The equipment complies with the California Tier III standards for equipment above 50 hp.

See Appendix A

#### **BIO-2: Designated Biologist**

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

See Appendix B.

#### **BIO-4: Biological Monitors**

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

See Appendix B.

#### **BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan**

**And**

#### **BIO-8: Impact Avoidance and Minimization Measures**

Requirement: Submit compliance documentation for implementation of BRMIMP measures.

See Appendix B

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

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

See Appendix B

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

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

See Appendix B.

#### **BIO-13: Monthly Raven Observation**

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

Included in Appendix B

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

See Appendix B.

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

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

See Appendix B

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

Requirement: Submit burrowing owl mitigation compliance documentation.

See Appendix B.

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

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

See Appendix B

**BIO-22: Mitigation for Impacts to State Waters**

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

No rain events have resulted in flow of any channel during the month of October. 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 October, the total number of personnel who received the Construction Worker Environmental Awareness Training was 139. The number of personnel who have received the training to date is 2675. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Appendix C.

**CUL-8: Construction Monitoring Program**

Requirement: Submit report of any noncompliance.

No NCR's issued in the month of October.

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.

Repair and completion of all channels continue.

**TRANS-2: Vehicle Weight Limits**

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

No oversized/weight permits were received for the month of October.

See Appendix G

**TRANS-3: Public ROW Encroachment**

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

Flour met with CalTrans on October 3 to review comments. Approval still pending.

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

Requirement: Report hazardous material transport permits received.

*Earliest delivery anticipated spring 2013*

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

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

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

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

Requirement: Submit compliance documentation and inspection approvals.

There were 4 first aids and 1 recordable injury for the month of October.

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

Weekly bulletins are enclosed in Appendix F.

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

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

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

**GEN-3: CBO Payments**

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

1 invoice for \$ \$232,968.32 was paid to the CBO, during the month of October.

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

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

Special Inspector Nathon Lorenz was approved by the CEC on 10/04/12

See Appendix D

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

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

No discrepancies reported 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 non-conformance reports (NCR).

One Non-Conformance Report was received on 10/08/12

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 October.

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

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

See Appendix E

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

Requirement: Submit schedule updates.

See Appendix D

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

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

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.

See Appendix D

**COMPLIANCE-5 - Compliance Matrix**

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

The Compliance Matrix is enclosed

**COMPLIANCE-6 – Monthly Compliance Report**

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

See Appendix G

**COMPLIANCE-13 – Post Certification Amendments**

No Amendments submitted/approved for the month of October.

## Compliance Matrix

| #  | Agency | Pre-con | Const | ops | COC    | Title  | Description  | Responsibility | COC Verification                       | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status         | Documentation On Hand Y/N | Internal Comments   | Operational On-going Cost |
|----|--------|---------|-------|-----|--------|--|--|----------------|--|-------------------|----------------|--------------------------|-----------------------|---------------------------|---|---------------------------|
| 1  | CEC    | x       |       |     | AQ-SC1 | Air Quality Construction Mitigation Manager (AQCMM) - staff assignment | Assign Air Quality Construction Mitigation Manager   | ECM            | > 30d pt gd                            |                   | 17-Dec-10      | 11/16/2010<br>1/13/11    | Approved<br>12/2/2010 |                           | Jessica Auch  |                           |
| 2  | CEC    |         | x     |     | AQ-SC1 | Air Quality Construction Mitigation Manager (AQCMM) - staff assignment | AQCMM remain onsite to monitor construction activities   | ECM            | Ongoing                                |                   |                |                          |                       |                           | Jessica Auch  |                           |
| 3  | CEC    | x       |       |     | AQ-SC2 | Air Quality Construction Mitigation Plan (AQCMP)                       | Prepare Air Quality Construction Mitigation Plan (AQCMP)   | ECM            | > 30d pt gd                            |                   | 17-Dec-10      | 23-Nov-10                | Approved<br>12/2/2010 |                           |   |                           |
| 5  | CEC    |         | x     |     | AQ-SC3 | Construction Fugitive Dust Control; AQCMM monthly reporting -          | AQCMM to submit compliance documentation to the CPM in each Monthly Compliance Report.   | ECM            | Monthly                                |                   |                |                          |                       |                           |   |                           |
| 6  | CEC    |         | x     |     | AQ-SC3 | Construction Fugitive Dust Control; AQCMM monthly reporting -          | Implement Dust Control BMPs  | ECM            |  |                   | 17-Jan-11      |                          |                       |                           |   |                           |
| 6  | CEC    |         | x     |     | AQ-SC3 | Construction Fugitive Dust Control; AQCMM monthly reporting -          | Stabilize all disturbed areas after construction activities.   | ECM            | Construction Completion                |                   | 1-Jul-14       |                          |                       |                           |   |                           |
| 7  | CEC    |         | x     |     | AQ-SC4 | Dust Plume Response Requirement  | Implement Dust Plume Response Requirement  | ECM            |  |                   | 17-Jan-11      |                          |                       |                           |   |                           |
| 7  | CEC    |         | x     |     | AQ-SC4 | Dust Plume Response Requirement  | Submit information on dust plume observations, response, and list of equipment onsite in Monthly Report.   | ECM            | Monthly                                |                   | Monthly        | Ongoing                  |                       |                           |   |                           |
| 8  | CEC    |         | x     |     | AQ-SC4 | Dust Plume Response Requirement  | Monitor all construction activities for visible dust plumes. If plumes observed, implement mitigation as specified.  | ECM            | Ongoing                                |                   |                |                          |                       |                           |   |                           |
| 9  | CEC    |         | x     |     | AQ-SC5 | Diesel engine emissions - monitoring and reporting                     | Implement Diesel-Fueled Engine Control   | ECM            | Monthly                                |                   | 17-Jan-11      | MCR Monthly              |                       |                           | Should be verified monthly by checking registrations.               |                           |
| 9  | CEC    |         | x     |     | AQ-SC5 | Diesel engine emissions - monitoring and reporting                     | Submit compliance documentation in Monthly Compliance Report.  | ECM            | Monthly                                |                   | Monthly        | Ongoing                  |                       |                           |   |                           |
| 10 | CEC    |         | x     |     | AQ-SC5 | Diesel engine emissions - monitoring and reporting                     | AQCMM to inspect and tag all diesel-fueled engines<br>Diesel engines and tier standards - see full text.<br>Do not idle diesel equipment for more than 5 mins.(see full text for exceptions) | ECM            | Ongoing                                |                   | Monthly        | Ongoing                  |                       |                           |   |                           |
| 11 | CEC    |         |       | x   | AQ-SC6 | Fleet Plan for operations vehicles                                     | Update Fleet Plan every other year. Submit the Fleet Plan with Annual Report.  | Operations     | Bi-Annually                            |                   | Annual         |                          |                       |                           | What is the anniversary date?                                       |                           |
| 12 | CEC    |         | x     | x   | AQ-SC6 | Fleet Plan for operations vehicles                                     | Submit to the CPM a Fleet Plan for vehicles dedicated to mirror washing and maintenance activities.  | NEE            | > 30d pt operation                     |                   | 31-Mar-13      |                          |                       |                           | To meet California On road emission standards                       |                           |
| 13 | CEC    |         | x     |     | AQ-SC7 | Dust Control Plan - Construction                                       | Submit Operations Dust Control Plan.   | Operations     | > 30d pt operation                     |                   | 31-Mar-13      |                          |                       |                           |   |                           |
| 14 | CEC    |         |       | x   | AQ-SC7 | Dust Control Plan - Operations   | Implement all requirements of the Operations Dust Control Plan   | Operations     | Ongoing                                |                   | Aug            |                          |                       |                           |   |                           |
| 15 | CEC    |         | x     | x   | AQ-SC7 | Dust Control Plan - Operations   | Submit report identifying locations of all speed limit signs, and a copy of the training manual.   | Operations     | < 60d after start of operation         |                   | 1-Aug-12       |                          |                       |                           |   |                           |
| 16 | CEC    | x       | x     | x   | AQ-SC8 | Air permit submittals  | Submit all modified or revised ATC/PTO documents and all federal air permits.  | Fluor          | < 15d of receipt                       |                   |                |                          |                       |                           | Jenny Field sent the last renewal, changed address to site address. |                           |
| 17 | CEC    | x       | x     | x   | AQ-SC8 | Air permit submittals  | Submit copies of District issued Authority to Construct & Permit to Operate Documents.   | Fluor          | < 5d from date of submittal or receipt |                   |                | 12-Dec-10                | Approved 1/17/11      |                           |   |                           |
| 18 | CEC    |         |       | x   | AQ-1   | Equipment Operation, Application Requirements - NG boilers             | Operate NG boilers in compliance with all data and specifications submitted with application.  | Operations     | Ongoing                                |                   |                |                          |                       |                           |   |                           |
| 19 | CEC    |         |       | x   | AQ-2   | Equipment fuel Use, Manufacturer Specifications - NG boilers           | Fuel equipment only with NG. Operate and maintain in accordance with manufacturer recommendations.   | Operations     | Ongoing                                |                   |                |                          |                       |                           |   |                           |
| 20 | CEC    |         |       | X   | AQ-3   | Emissions limits, reporting - NG boilers                               | Emissions shall not exceed the following hourly emission limits (see full text)  | Operations     | Ongoing                                |                   |                |                          |                       |                           |   |                           |
| 21 | CEC    |         |       | x   | AQ-3   | Emissions limits, reporting - NG boilers                               | Submit emissions compliance documentation in Annual Compliance Report.   | Operations     | Annually                               |                   |                |                          |                       |                           |   |                           |
| 22 | CEC    |         |       | x   | AQ-4   | Maintenance and Operations Log - NG boilers                            | Maintain an operations log on-site and current for a minimum of five (5) years.  | Operations     | Ongoing, 5 yrs                         |                   |                |                          |                       |                           |   |                           |
| 23 | CEC    |         |       | x   | AQ-4   | Maintenance and Operations Log - NG boilers                            | Make the site available to the District, ARB, and the Energy Commission for inspection of records.   | Operations     | Ongoing                                |                   |                |                          |                       |                           |   |                           |
| 24 | CEC    |         |       | x   | AQ-6   | Initial MDAQMD Compliance Test - NG boilers                            | Submit test results within 180 days of initial start up.   | Operations     | < 180d after initial start up          |                   | 28-Oct-13      |                          |                       |                           |   |                           |
| 25 | CEC    |         | x     |     | AQ-6   | Initial MDAQMD Compliance Test - NG boilers                            | Notify agencies within fifteen working days before the initial MDAQMD compliance test.   | Operations     | < 15d prior to test                    |                   |                |                          |                       |                           |   |                           |
| 26 | CEC    |         |       | x   | AQ-7   | Annual MDAQMD Compliance Test - NG boilers                             | Perform annual MDAQMD compliance tests.  | Operations     | Annually                               |                   |                |                          |                       |                           |   |                           |
| 27 | CEC    |         |       | x   | AQ-7   | Annual MDAQMD Compliance Test - NG boilers                             | Submit results report to the District no later than six weeks prior to the expiration date of this permit.   | Operations     | < 6w pt expiration of permit           |                   |                |                          |                       |                           |   |                           |
|    |        |         |       |     | AQ-8   |  | See AQ-9   |                |  |                   |                |                          |                       |                           |   |                           |
| 28 | CEC    |         |       | x   | AQ-9   | HTF Ullage/Exp. Tanks - HTF storage                                    | Ullage tanks - This system shall store only HTF.   | Operations     | Ongoing                                |                   |                |                          |                       |                           |   |                           |

| #  | Agency | Pre-con | Const | ops | COC   | Title   | Description   | Responsibility     | COC Verification                    | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status | Documentation On Hand Y/N | Internal Comments        | Operational On-going Cost |
|----|--------|---------|-------|-----|-------|---|---|--------------------|-------------------------------------|-------------------|----------------|--------------------------|---------------|---------------------------|--------------------------|---------------------------|
| 29 | CEC    |         |       | x   | AQ-10 | HTF Ullage/Exp. Tanks - Carbon absorbtion system                        | Monitor VOC output, sample weekly. Calibrate FID on day of use. Maintain log of weekly sampling results and keep log onsite. Provide sampling log to District upon request. | Operations         | Weekly                              |                   | 1-May-13       |                          |               |                           |                          |                           |
| 30 | CEC    |         |       | x   | AQ-10 | HTF Ullage/Exp. Tanks - Carbon absorbtion system                        | Operate ullage tanks system with the carbon adsorption system.<br>[VOC and Benzene emissions cap, see full text]  | Operations         | Ongoing                             |                   |                |                          |               |                           |                          |                           |
| 31 | CEC    |         |       | x   | AQ-10 | HTF Ullage/Exp. Tanks - Carbon absorbtion system                        | Submit compliance documentation in Annual Compliance Report.  | Operations         | Annually                            |                   |                |                          |               |                           |                          |                           |
| 32 | CEC    |         |       | x   | AQ-10 | HTF Ullage/Exp. Tanks - Carbon absorbtion system                        | Submit a yearly summary report of all VOC emissions.  | Operations         | Jan-31 Annually                     |                   |                |                          |               |                           |                          |                           |
| 33 | CEC    |         | x     |     | AQ-10 | HTF Ullage/Exp. Tanks - Carbon absorbtion system                        | Submit a monitoring and change-out plan for the system.   | Fluor              | pt initial start up                 | 6/2012 submitted  | 1-Aug-12       |                          |               |                           | Sener specs, Matt McCord |                           |
| 34 | CEC    |         |       | x   | AQ-10 | HTF Ullage/Exp. Tanks - Carbon absorbtion system                        | Submit initial test results within 180 days after startup.  | Fluor              | < 180d after initial start up       |                   | 28-Oct-13      |                          |               |                           |                          |                           |
| 35 | CEC    |         | x     |     | AQ-11 | HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan     | Submit an HTF Ullage/Exp. Tanks vent release Inspection, Maintenance and Monitoring Plan.   | Fluor              | > 30d pt taking delivery of the HTF |                   | 13-Dec-12      |                          |               |                           |                          |                           |
| 36 | CEC    |         | x     |     | AQ-12 | HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan      | Establish an HTF Piping and Exp Tank Inspection and Maintenance Program. Provide documentation to District staff upon request.  | Fluor              | > 30d pt taking delivery of the HTF |                   | 13-Dec-12      |                          |               |                           |                          |                           |
| 37 | CEC    |         |       | x   | AQ-12 | HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan      | Make the site available to the District, ARB, and the Energy Commission for inspection of records.  | Operations         | Ongoing                             |                   | Continuous     |                          |               |                           |                          |                           |
| 38 | CEC    |         | x     |     | AQ-12 | HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan      | Submit to CPM an HTF Ullage/Exp. Tanks - Inspection, Maintenance and Monitoring Plan for review.  | Fluor              | > 30d pt taking delivery of the HTF |                   | 13-Dec-12      |                          |               |                           |                          |                           |
| 39 | CEC    |         |       | x   | AQ-12 | HTF Ullage/Exp. Tanks- Inspection, Maintenance and Monitoring Plan      | Submit volume of HTF removed and added in Annual Report.  | Operations         | Annually                            |                   |                |                          |               |                           |                          |                           |
| 40 | CEC    |         | x     |     | AQ-13 | HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting           | Submit a report of test results to the District.  | Fluor              | < 45d after test                    |                   |                |                          |               |                           |                          |                           |
| 41 | CEC    |         | x     |     | AQ-13 | HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting           | Notify District prior to testing.   | Fluor              | 10d prior to test                   |                   |                |                          |               |                           |                          |                           |
| 42 | CEC    |         | x     |     | AQ-13 | HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting           | Provide a written test plan for District review and approval.   | Fluor              | 30d prior to test                   |                   |                |                          |               |                           |                          |                           |
| 43 | CEC    |         |       | x   | AQ-13 | HTF Ullage/Exp. Tanks - Compliance Testing Plan and Reporting           | Submit to the District a compliance test protocol.  | Operations         | < 60d after initial start up        |                   | 29-Jun-13      |                          |               |                           |                          |                           |
| 44 | CEC    |         |       | x   | AQ-14 | HTF Ullage/Exp. Tanks - Initial MDAQMD Compliance Testing and Reporting | Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test report.   | Operations         | < 180d after initial start up       |                   | 28-Oct-13      |                          |               |                           |                          |                           |
| 45 | CEC    |         |       | x   | AQ-15 | HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting  | Make the site available to the District, ARB, and the Energy Commission for inspection of records.  | Operations         | Ongoing                             |                   |                |                          |               |                           |                          |                           |
| 46 | CEC    |         |       | x   | AQ-15 | HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting  | Perform annual compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual.  | Operations         | Annually                            |                   |                |                          |               |                           |                          |                           |
| 47 | CEC    |         |       | x   | AQ-15 | HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting  | Submit test results and report to the District no later than six weeks prior to the expiration date of this permit.   | Operations         | < 6w pt expiration of permit        |                   |                |                          |               |                           |                          |                           |
| 48 | CEC    |         |       | x   | AQ-15 | HTF Ullage/Exp. Tanks - Annual MDAQMD Compliance Testing and Reporting  | Retain all annual test records for 5 yrs.   | Operations         | Ongoing, 5 yrs                      |                   |                |                          |               |                           |                          |                           |
| 49 | CEC    |         |       | x   | AQ-16 | HTF Ullage/Exp. Tanks - Emission rate caps                              | Include Ullage/tank emission rate caps compliance documentation in Annual Report.   | Operations         | Annually                            |                   |                |                          |               |                           |                          |                           |
| 50 | CEC    |         |       | x   | AQ-16 | HTF Ullage/Exp. Tanks - Emission rate caps                              | Maintain emission rates below specified volumes.  | Operations         | Ongoing                             |                   |                |                          |               |                           |                          |                           |
| 51 | CEC    |         | x     | x   | AQ-17 | HTF Ullage/Exp. Tanks - Regulated Substances                            | Submit a Compliance Plan of the toxic or hazardous substances if current non-criteria substances in the HTF become regulated as toxic or hazardous substances.              | Fluor / Operations | Ongoing                             |                   |                |                          |               |                           |                          |                           |
| 52 | CEC    |         |       | x   | AQ-18 | Equipment Operation, Application Requirements - Cooling Towers          | Operate cooling towers in compliance with all data and specifications submitted in application.   | Operations         | Ongoing                             |                   |                |                          |               |                           |                          |                           |
| 53 | CEC    |         |       | x   | AQ-19 | Equipment Operation Manufacturer Specifications - Cooling Towers        | Operate cooling towers in compliance with all manufacturer specifications.  | Operations         | Ongoing                             |                   |                |                          |               |                           |                          |                           |
| 54 | CEC    |         |       | x   | AQ-20 | Drift Eliminator Monitoring and Reporting - Cooling Towers              | Comply with drift rate emissions cap (see full text).   | Operations         | Ongoing                             |                   |                |                          |               |                           |                          |                           |
| 55 | CEC    |         | x     |     | AQ-20 | Drift Eliminator Monitoring and Reporting - Cooling Towers              | Submit manufacturer guarantee data for the drift eliminator.  | Fluor              | > 30d pt cooling tower operation    |                   | 31-Mar-13      |                          |               |                           |                          |                           |

| #  | Agency | Pre-con | Const | ops | COC   | Title  | Description   | Responsibility     | COC Verification                        | Internal Due Date                              | Date Final Due | Date Submitted to Agency | Agency Status | Documentation On Hand Y/N | Internal Comments                    | Operational On-going Cost |
|----|--------|---------|-------|-----|-------|--|---|--------------------|---|--|----------------|--------------------------|---------------|---------------------------|--------------------------------------|---------------------------|
| 56 | CEC    |         |       | x   | AQ-20 | Drift Eliminator Monitoring and Reporting - Cooling Towers         | Submit compliance documentation on operating emission rates with Annual Report.   | Operations         | Annually                                |  |                |                          |               |                           |                                      |                           |
| 57 | CEC    |         | x     |     | AQ-22 | Water Testing Protocol - Cooling Tower                             | Submit a test and emissions calculation protocol.   | Fluor              | > 30d pt testing                        |  |                |                          |               |                           |                                      |                           |
| 58 | CEC    |         |       | x   | AQ-23 | Operating Time Restrictions - Cooling Towers                       | Submit compliance documentation with Annual Report.   | Operations         | Annually                                | Prior to commissioning                         |                |                          |               |                           |                                      |                           |
| 59 | CEC    |         |       | x   | AQ-23 | Operating Time Restrictions - Cooling Towers                       | Do not operated for more than 3,200 hours per rolling twelve month period and more than 15 hours per calendar day.  | Operations         | Ongoing                                 | Prior to commissioning                         |                |                          |               |                           |                                      |                           |
| 60 | CEC    |         |       | x   | AQ-24 | Maintenance and Operation Log - Cooling Tower                      | Maintain operations log onsite for 5 years.   | Operations         | Ongoing                                 | Prior to commissioning to continue for 5 years |                |                          |               |                           |                                      |                           |
| 61 | CEC    |         |       | x   | AQ-24 | Maintenance and Operation Log - Cooling Tower                      | Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.                                   | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 62 | CEC    |         |       | x   | AQ-25 | Drift Eliminator Maintenance Procedures                            | Make available compliance documentation for inspection by representatives of the District, ARB, and the Energy Commission   | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 63 | CEC    |         |       | x   | AQ-26 | Equipment Operation Manufacturer Specifications - 341HP generators | Operate generators in compliance with all manufacturer specifications.  | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 64 | CEC    |         |       | x   | AQ-27 | Fuel Restrictions - 341 HP generators                              | Use only ultra-low sulfur diesel fuel. Retain fuel purchase records.  | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 65 | CEC    |         | x     |     | AQ-28 | Elapsed Operating Time Meter - 341 HP generators                   | Install a non-resettable hour meter on the unit to indicate elapsed engine operating time. Submit to District and CPM the specifications of the hour meter.       | Fluor              | > 30d pt installation                   |  |                |                          |               |                           |                                      |                           |
| 66 | CEC    |         |       | x   | AQ-29 | Operating Time Restrictions - 341 HP generators                    | Use limited to emergency power. Operate no more than 50hr/yr for testing and maintenance.   | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 67 | CEC    |         |       | x   | AQ-30 | Operations and Maintenance log - 341 HP generators                 | Maintain a operations log for a minimum of two years.   | Operations         | Ongoing 2 yrs after start of operations |  |                |                          |               |                           |                                      |                           |
| 68 | CEC    |         |       | x   | AQ-30 | Operations and Maintenance log - 341 HP generators                 | Make records available to the District for three years.   | Operations         | Ongoing 3 yrs after start of operations |  |                |                          |               |                           |                                      |                           |
| 69 | CEC    |         |       | x   | AQ-30 | Operations and Maintenance log - 341 HP generators                 | Submit compliance documentation in Annual Report.   | Operations         | Annually                                |  |                |                          |               |                           |                                      |                           |
| 70 | CEC    |         |       | x   | AQ-30 | Operations and Maintenance log - 341 HP generators                 | Make site and records available for inspection by representatives of the District, ARB, and the Energy Commission.  | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 71 | CEC    |         |       | x   | AQ-31 | Voluntary Power Outage Use - 341 HP generators                     | Do not use generators during a voluntary power outage or reduction.   | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 72 | CEC    |         |       | x   | AQ-32 | Involuntary Power Outage Use - 341 HP generators                   | Operate generators <30 minutes pt ordered outage. Shut down immediately after advised that the outage is no longer imminent or in effect.                         | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 73 | CEC    |         |       | x   | AQ-33 | ATCM Compliance - 341 HP generators                                | Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.   | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 74 | CEC    |         | x     |     | AQ-34 | NSPS Compliance -341 HP generators                                 | Submit the engine specifications regarding NSPS and ARB ATCM emission limit requirements.   | Fluor              | > 30d pt purchase                       |  | 30-Jun-11      |                          |               |                           | purchase schedule assumed June, (TP) |                           |
| 75 | CEC    |         |       | x   | AQ-34 | NSPS Compliance -341 HP generators                                 | Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.                       | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 76 | CEC    |         | x     | x   | AQ-35 | Equipment Specification Compliance - 315 HP fire pump engines      | Install, operate and maintain equipment in accordance with manufacture recommendations and with all data and specifications submitted with permit application.    | Fluor / Operations | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 77 | CEC    |         |       | x   | AQ-36 | Fuel Restrictions - 315 HP fire pump engines                       | Use only ultra-low sulfur diesel fuel for equipment.  | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |
| 78 | CEC    |         | x     |     | AQ-37 | Elapsed Operating Time Meter - 315 HP fire pump engines            | Install a non-resettable hour meter on this unit to indicate elapsed engine operating time. Provide the District and the CPM the specification of the hour timer. | Fluor              | > 30d pt installation                   |  |                |                          |               |                           |                                      |                           |
| 79 | CEC    |         |       | x   | AQ-38 | Operating time restrictions - 315 HP fire pump engines             | Limit use for emergency power. Operate < 50hrs/yr for testing.  | Operations         | Ongoing                                 |  |                |                          |               |                           |                                      |                           |

| #   | Agency | Pre-con | Const | ops | COC   | Title   | Description   | Responsibility     | COC Verification                    | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status     | Documentation On Hand Y/N | Internal Comments                    | Operational On-going Cost |
|-----|--------|---------|-------|-----|-------|---|---|--------------------|-------------------------------------|-------------------|----------------|--------------------------|-------------------|---------------------------|--------------------------------------|---------------------------|
| 80  | CEC    |         |       | x   | AQ-39 | Operations and Maintenance log - 315 HP fire pump engines                 | Maintain an operations log for this unit current and on-site, for three years.  | Operations         | 3 yrs after start of operations     |                   | 1-May-13       |                          |                   |                           |                                      |                           |
| 81  | CEC    |         |       | x   | AQ-39 | Operations and Maintenance log - 315 HP fire pump engines                 | Submit compliance documentation in Annual Report.   | Operations         | Annually                            |                   |                |                          |                   |                           |                                      |                           |
| 82  | CEC    |         |       | x   | AQ-40 | ATCM Compliance - 315 HP fire pump engines                                | Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.   | Operations         | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 83  | CEC    |         |       | x   | AQ-41 | NSPS Compliance - 315 HP fire pump engines                                | Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition Internal Combustion Engines.   | Operations         | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 84  | CEC    |         | x     |     | AQ-41 | NSPS Compliance - 315 HP fire pump engines                                | Submit the engine specifications demonstrating compliance with NSPS and ARB ATCM emission limit requirements.   | Fluor              | > 30d pt purchase                   |                   | 30-Jun-11      |                          |                   |                           | purchase schedule assumed June, (TP) |                           |
| 85  | CEC    |         | x     | x   | AQ-42 | Gas tank and pump - toll free number                                      | Post the required toll-free number on the equipment.  | Fluor / Operations | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 86  | CEC    |         |       | x   | AQ-43 | Gas tank and pump - inspection and maintenance records                    | Maintain an inspection, repair and maintenance log onsite for at least two years.   | Operations         | 2 yrs after start of operations     |                   | 1-May-13       |                          |                   |                           |                                      |                           |
| 88  | CEC    |         | x     | x   | AQ-44 | Gas tank and pump - piping or vapor recovery modifications                | Submit any modification to the piping or control fitting of the vapor recovery system for review and approval.  | Fluor / Operations | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 89  | CEC    |         | x     | x   | AQ-45 | Gas tank and pump - Vapor vent piping                                     | Equip the vapor vent pipes with Husky 5885 pressure relief valves or as otherwise allowed by EO.  | Fluor              | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 90  | CEC    |         |       | x   | AQ-46 | Gas tank and pump - initial and annual testing                            | Perform pressure, leak and liquid removal tests annually. Document test data on a Form similar to EO VR-401-A Form 1  | Operations         | < 60d after construction completion |                   | 29-Aug-14      |                          |                   |                           |                                      |                           |
| 91  | CEC    |         |       | x   | AQ-46 | Gas tank and pump - initial and annual testing                            | Submit results of pressure checks.  | Operations         | < 30d after test                    |                   |                |                          |                   |                           |                                      |                           |
| 92  | CEC    |         |       | x   | AQ-46 | Gas tank and pump - initial and annual testing                            | Perform pressure, leak and liquid removal tests within 60 days of construction completion. Document test data on a Form similar to EO VR-401-A Form 1                                   | Fluor              | Annually                            |                   |                |                          |                   |                           |                                      |                           |
| 93  | CEC    |         |       | x   | AQ-46 | Gas tank and pump - initial and annual testing                            | Make test results available to CPM upon request.  | Operations         | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 94  | CEC    |         | x     |     | AQ-46 | Gas tank and pump - initial and annual testing                            | Notify District pt testing. (initial and annual)  | Fluor              | > 10d prior to test                 |                   |                |                          |                   |                           |                                      |                           |
| 95  | CEC    |         |       | x   | AQ-46 | Gas tank and pump - initial and annual testing                            | Submit passing test reports to District.  | Operations         | < 6w pt expiration of permit        |                   |                |                          |                   |                           |                                      |                           |
| 96  | CEC    |         | x     | x   | AQ-47 | Gas tank and pump - aboveground tank and vapor recovery system compliance | Install and maintain aboveground storage tank and vapor recovery system in compliance with California Health and Safety Code.   | Fluor / Operations | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 97  | CEC    |         |       | x   | AQ-48 | Gas tank and pumps - certified technician                                 | Maintenance and repair of system components shall be performed by OPW Certified Technicians.  | Operations         | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 98  | CEC    |         |       | x   | AQ-49 | Gas tank and pumps - maintenance intervals                                | Maintenance Intervals shall be conducted by an OPW trained technician annually.   | Operations         | Annually                            |                   |                |                          |                   |                           |                                      |                           |
| 100 | CEC    |         |       | x   | AQ-51 | Gas tank and pumps - EVR phase I and II                                   | Maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-A, and Phase II vapor recovery in accordance with G-70-116-F.  | Operations         | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |
| 101 | CEC    | x       |       |     | BIO-1 | Designated Biologist - staff assignment                                   | Assign Designated Biologist   | AECOM/Thomas       | > 30d pt gd                         |                   | 17-Dec-10      | 9/27/2010<br>2/18/11     | Approved 11/30/10 |                           |                                      |                           |
| 102 | CEC    |         | x     |     | BIO-2 | Designated Biologist - responsibilities                                   | Include documentation of biological resource compliance in the Monthly Compliance Reports.  | AECOM/Thomas       | Monthly                             |                   | Monthly        |                          |                   |                           |                                      |                           |
| 103 | CEC    |         |       | x   | BIO-2 | Designated Biologist - responsibilities                                   | Des Bio to submit bio compliance documentation through operations, unless approved by the CPM.  | AECOM/Thomas       | Annually                            |                   |                |                          |                   |                           |                                      |                           |
| 104 | CEC    | x       | x     |     | BIO-2 | Designated Biologist - responsibilities                                   | Des Bio Pre-con:<br>Consult on the preparation of the BRMIMP;<br>Oversee survey efforts for sensitive bio resources;<br>Mark sensitive biological resource areas and inspect regularly; | AECOM/Thomas       |                                     |                   | n/a            | n/a                      | n/a               |                           |                                      |                           |
| 105 | CEC    |         |       | x   | BIO-2 | Designated Biologist - responsibilities                                   | Submit BRMIMP compliance summary reports in Annual Compliance Report.   | AECOM/Thomas       | Ongoing                             |                   |                |                          |                   |                           |                                      |                           |

| #   | Agency | Pre-con | Const | ops | COC   | Title  | Description   | Responsibility                 | COC Verification                              | Internal Due Date               | Date Final Due | Date Submitted to Agency | Agency Status              | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost                                       |  |
|-----|--------|---------|-------|-----|-------|--|---|--------------------------------|---|---------------------------------|----------------|--------------------------|----------------------------|---------------------------|-------------------|---|--|
| 105 | CEC    |         | x     |     | BIO-2 | Designated Biologist - responsibilities                            | Des Bio Const: Advise Construction and Operation Managers on bio resources and COCs; Train Bio Monitors on BRMIMP, WEAP   | AECOM/Thomas                   | Ongoing                                       |                                 |                |                          |                            |                           |                   |   |  |
| 106 | CEC    | x       |       |     | BIO-3 | Biological Monitors - Staff assignment                             | Assign Bio Monitors and submit training verification  | AECOM/Thomas                   | > 30d pt gd                                   |                                 | 17-Dec-10      | 10-Dec-10                | Approved (various dates)   |                           |                   |   |  |
| 107 | CEC    |         | x     |     | BIO-3 | Biological Monitors - Staff assignment                             | Submit information on additional bio monitors, if needed  | AECOM/Thomas                   | > 10d pt monitoring activity                  |                                 |                |                          |                            |                           |                   |   |  |
| 108 | CEC    |         |       | x   | BIO-4 | Biological Monitors - responsibilities                             | Employ a Bio Mon during operations if any action could affect a sensitive bio resource.   | AECOM/Thomas                   | Ongoing                                       |                                 |                |                          |                            |                           |                   |   |  |
| 109 | CEC    |         | x     |     | BIO-4 | Biological Monitors - responsibilities                             | Assist with surveys and in monitoring of site mobilization activities.  | AECOM/Thomas                   | pt construction                               |                                 | Ongoing        |                          |                            |                           |                   |   |  |
| 110 | CEC    |         | x     |     | BIO-4 | Biological Monitors - responsibilities                             | Include BIO-4 compliance documentation in Monthly Compliance Report.  | AECOM/Thomas                   | Monthly                                       |                                 | Monthly        |                          |                            |                           |                   |   |  |
| 111 | CEC    |         | x     |     | BIO-4 | Biological Monitors - responsibilities                             | Bio Mons assist DB with surveys and monitoring disturbance activities.  | AECOM/Thomas                   | Ongoing                                       |                                 |                |                          |                            |                           |                   |   |  |
| 112 | CEC    |         | x     | x   | BIO-5 | Designated Biologist and Biological Monitor Authority              | Des Bio to notify agencies if there a stop work order.  | AECOM/Thomas                   | Ongoing                                       |                                 |                |                          |                            |                           |                   |   |  |
| 113 | CEC    | x       |       |     | BIO-6 | Worker Environmental Awareness Program (WEAP)                      | Prepare and Submit WEAP (including trainer resume)  | AECOM/Thomas                   | > 30d pt gd                                   |                                 | 17-Dec-10      | 3-Dec-10                 | Comments received 12/08/10 |                           |                   |   |  |
| 114 | CEC    |         |       | x   | BIO-6 | Worker Environmental Awareness Program (WEAP)                      | Conduct training annually for perm. Employees and within one week of arrival for new staff.   | Operations                     | Annually                                      |                                 |                |                          |                            |                           |                   |   |  |
| 115 | CEC    |         | x     |     | BIO-6 | Worker Environmental Awareness Program (WEAP)                      | Submit training records in the Monthly Compliance Report.   | Flour                          | Monthly                                       |                                 |                |                          |                            |                           |                   |   |  |
| 116 | CEC    |         | x     | x   | BIO-6 | Worker Environmental Awareness Program (WEAP)                      | Conduct WEAP training to all onsite personnel within one week of arrival. Employees must sign a completion form and display a hardhat sticker. Keep all training forms on site. | Fluor                          | Ongoing                                       |                                 |                |                          |                            |                           |                   |   |  |
| 117 | CEC    | x       |       |     | BIO-6 | Worker Environmental Awareness Program (WEAP)                      | Submit Final WEAP.  | Tetra Tech                     | > 10d pt gd                                   |                                 | 6-Jan-11       | 1/4/2011<br>1/14/11      | Approved 1/14/11           |                           |                   |   |  |
| 118 | CEC    |         |       | x   | BIO-6 | Worker Environmental Awareness Program (WEAP)                      | Keep signed training forms on site for >6m after start of operations and 6m after staff dismissal.  | Operations                     | > 6m Operations                               |                                 | 1-May-13       |                          |                            |                           |                   |   |  |
| 119 | CEC    | x       | x     |     | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Submit the revised or supplemented BRMIMP.  | Tetra Tech                     | < 10d of receipt of addl permits              | Complete                        |                |                          |                            |                           |                   |   |  |
| 120 | CEC    | x       |       |     | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Submit Draft BRMIMP   | Tetra Tech                     | > 30d pt site mobilization                    | Complete                        | 17-Dec-10      | 23-Nov-10                | comments received 12/21/10 |                           |                   |   |  |
| 121 | CEC    | x       |       | x   | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Conduct Aerial Surveys and submit pre-const. photos for review  | Holt Group                     | after construction completion                 |                                 | 2-Jan-11       | 10-Jan-11                | pending                    |                           |                   |   |  |
| 122 | CEC    |         |       | x   | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Construction disturbance verification - submit post-construction aerial images of the project site .  | Holt Group                     | < 90d after construction completion           | Upon completion                 | 28-Sep-14      |                          |                            |                           |                   |   |  |
| 123 | CEC    | x       | x     |     | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Submit any outstanding permits within 5 days of receipt and revise BRMIMP accordingly.  | AE Com                         | < 5d of receipt                               |                                 |                |                          |                            |                           |                   |   |  |
| 124 | CEC    | x       | x     |     | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Include BIO-7 compliance documentation in Monthly Compliance Report.  | ECM                            | Monthly                                       |                                 |                |                          |                            |                           |                   |   |  |
| 126 | CEC    | x       |       |     | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Submit final BRMIMP.  | Tetra Tech                     | > 7d pt gd                                    | Complete                        | 9-Jan-11       | 1/5/2011<br>1/11/11      | Approved 1/12/11           |                           |                   |   |  |
| 127 | CEC    |         | x     | x   | BIO-7 | Biological Resources Mitigation Implementation and Monitoring Plan | Submit to the CPM a Construction Termination Report.  | Tetra Tech                     | < 30d after construction completion           | Complete                        | 30-Jul-14      |                          |                            |                           |                   |   |  |
| 128 |        | x       | x     |     | BIO-8 | Impact Avoidance and Minimization Measures                         | If an active bird nest is detected, submit Nesting Bird Monitoring and Management Plan  | Designated Biologist           | < 7d pt noisy construction in nesting habitat | On going                        | 10-Jan-11      | 1/25/2011<br>2/25/11     | 3/14/2011                  |                           |                   |   |  |
| 128 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures                         | Speed limit = 25 mph on all dirt roads and 45 mph on all paved roads.   | Designated Biologist           | Ongoing                                       | Complete and throughout project |                |                          |                            |                           |                   |   |  |
| 128 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures                         | Signs - Post speed limit signs at entrances and wildlife signs at potential crossing areas.   | Designated Biologist           | Ongoing                                       | Complete                        |                |                          |                            |                           |                   | TOMMY will talk to peggy about where wildlife signs need to go. |  |
| 128 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures                         | Water - prevent puddles from forming. Bio Monitor must patrol areas watered outside fence to ensure no puddles form.  | Designated Biologist           | Ongoing                                       |                                 |                |                          |                            |                           |                   |   |  |
| 128 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures                         | Use non-toxic soil bonding and weighting agents on unpaved surfaces.  | Genesis Project management/ECM | Ongoing                                       |                                 |                |                          |                            |                           |                   |   |  |

| #   | Agency | Pre-con | Const | ops | COC   | Title                                      | Description  | Responsibility                              | COC Verification               | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
|-----|--------|---------|-------|-----|-------|--|--|---|--------------------------------|-------------------|----------------|--------------------------|---------------|---------------------------|-------------------|---------------------------|
| 128 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE II   | Fluor                                       | pt construction                | Complete          | 25-Apr-11      | completed                | completed     |                           |                   |                           |
| 128 | CEC    | x       |       |     | BIO-8 | Impact Avoidance and Minimization Measures | Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE I  | Fluor                                       | pt construction                | Complete          | 10-Jan-11      | completed                | completed     |                           |                   |                           |
| 129 | CEC    |         |       |     | BIO-8 | Impact Avoidance and Minimization Measures | Include BIO-8 compliance documentation in Annual Compliance Report.  | ECM   | Annually                       |                   |                |                          |               |                           |                   |                           |
| 130 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Include BIO-8 compliance documentation in Monthly Compliance Report.   | ECM   | monthly                        |                   | Monthly        |                          |               |                           |                   |                           |
| 131 | CEC    | x       | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Design facility lighting to prevent side casting of light towards wildlife habitat.  | Fluor                                       |                                | Ongoing           |                |                          |               |                           |                   |                           |
| 131 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Immediately clean up and properly dispose of all hazardous material spills and any contaminated soil.  | ECM/Project Management                      | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Des. Bio or Bio Monitor must walk immediately ahead of equipment during brushing and grading activities in unfenced habitat.   | Designated Biologist                        | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Stockpile spoil and topsoil in disturbed areas lacking native vegetation and are not habitat for special-status species.   | Designated Biologist                        | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Des. Bio must be onsite during disturbance-activities in un-fenced areas.  | Designated Biologist                        | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Install and maintain facility lighting downward. Use minimum lighting needed, including motion or infrared sensors.  | ECM/Project Management                      | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Avoid loud construction activities (>65dBA) from February 15 to April 15 in nesting habitat. (See full text for exceptions).   | ECM/Designated biologist/Project management | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Backfill or slope all open trenches outside fenced area at end of day. Inspect open trenches at beginning, throughout and end of day.  | Project Management and Designated biologist | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Cap or elevate (>8" above ground) all pipes greater than 3" diameter and outside fenced area. OR inspect before moving.  | ECM/Project Management                      | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Remove road-killed animals on Project roads. Contact agencies immediately if animal is a special-status species.   | Designated Biologist                        | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Service vehicles and equipment in designated areas only. Service/maintenance vehicles must carry a bucket and pads to absorb leaks or spills.  | ECM/Project Management                      | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Keep all food and trash in self-closing containers and remove from site daily.   | ECM/Project Management/Designated Biologist | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Workers must not feed wildlife or bring pets to the Project site.  | Designated Biologist/ECM                    | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | No firearms or weapons onsite.   | ECM through WEAP training                   | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Stabilize all disturbed soils and roads (const and oper).  | ECM/Project Management/Designated Biologist | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 132 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Install and maintain erosion control measures to prevent sedimentation of "Waters of the State". Sediment and other flow-restricting materials shall be moved to a location where they shall not be washed back into the stream. | ECM   | Ongoing                        |                   |                |                          |               |                           |                   |                           |
| 134 | CEC    |         | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | If activities btwn Feb15 to Apr15 may result in noise >65 dBA in bird nesting habitat, submit nest survey results (as described in 9a).  | Designated Biologist                        | < 7d before noisy construction |                   |                |                          |               |                           |                   |                           |
| 135 | CEC    | x       | x     |     | BIO-8 | Impact Avoidance and Minimization Measures | Locate parking areas, staging and disposal site locations in areas without native vegetation or special-status species habitat.  | ECM/Project Management                      |                                |                   |                |                          |               |                           |                   |                           |

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| 135 | CEC    |         | x     |     | BIO-8  | Impact Avoidance and Minimization Measures    | Park and store vehicles within exclusion fence. If not possible, check under vehicle for tortoise before moving.   | Project management     |                                      |                   |                |   |                           |                           |                   |                           |
| 135 | CEC    | x       |       |     | BIO-8  | Impact Avoidance and Minimization Measures    | Designated Biologist must monitor ground disturbing activities prior to pre-construction site mobilization.  | Designated Biologist   | pt site mobilization                 | complete          | 16-Jan-11      | completed   |                           |                           |                   |                           |
| 136 | CEC    |         | x     |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Flag and survey the alignments for the permanent perimeter fence and utility rights-of-way fencing <24hrs PT fence construction.   | Project management     | < 24hrs pt fence construction        | In progress       |                |   |                           |                           |                   |                           |
| 137 | CEC    |         | x     |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Submit DT survey reports. Ph I   | Tetra Tech             | < 30d after survey complete          | Complete          | 17-Feb-11      | 2/25/2011<br>3/28/11  | Comments received 3/14/11 |                           |                   |                           |
| 137 | CEC    |         | x     |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Submit DT survey reports. P II   | Tetra Tech             | < 30d after survey complete          | Complete          | 15-May-11      |   |                           |                           |                   |                           |
| 138 | CEC    |         | x     |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Inspect temporary fencing weekly and, where drainages intersect the fencing, during and within 24 hours following major rainfall events. Repair fence immediately. If damage could have allowed tortoise entry, Des Bio must inspect area for animal presence. | Designated Biologist   | < 24hr following rain event          |                   |                |   |                           |                           |                   |                           |
| 139 | CEC    |         | x     |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Inspect permanent fencing monthly, during and within 24 hours following all major rainfall events (flow is detectable within the fenced drainage). Repair fence immediately, with permanent repairs completed within 48 hrs.                                   | Designated Biologist   | < 48hrs following rain event         |                   |                |   |                           |                           |                   |                           |
| 140 | CEC    |         | x     |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | If tortoises were relocated during fence installation, inspect fences at least two times a day for the first 7 days.   | Designated biologist   | Monthly                              |                   | Monthly        |   |                           |                           |                   |                           |
| 141 | CEC    | x       |       |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Design security gates with minimal ground clearance to deter ingress by tortoises.   | Project management     |                                      |                   |                |   |                           |                           |                   |                           |
| 141 | CEC    |         | x     |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Clear plant site of Tortoise following construction of permanent fence. Search and collapse all unoccupied burrows. Excavate all occupied burrows. Relocate and monitor in accordance with Translocation Plan.   | Tetra Tech             | following const of permanent fence   |                   | 15-Apr-11      |   |                           |                           |                   |                           |
| 141 | CEC    | x       |       |     | BIO-9  | Desert Tortoise Clearance Surveys and Fencing | Install exclusion (supervised by Des. Bio or Monitors) fencing PT site clearing and grubbing.  | ECM/Project management | pt clearing and grading              |                   | 18-Jan-11      | completed   | completed                 |                           |                   |                           |
| 142 | CEC    | x       | x     |     | BIO-10 | Desert Tortoise Translocation Plan            | Submit a Translocation Plan status report following translocation of a DT.   | Tetra Tech             | < 30d after initiation of relocation | complete          |                |   |                           |                           |                   |                           |
| 143 | CEC    | x       |       |     | BIO-10 | Desert Tortoise Translocation Plan            | Submit final version of Desert Tortoise Translocation Plan.  | Tetra Tech             | < 30d pt site mobilization           | complete          | 17-Dec-10      | 11/29/10,<br>resubmitted<br>12/28/10<br>resub 1/7/11<br>1/10/11<br>2/8/11 | Approved 1/10/11          |                           |                   |                           |
| 144 | CEC    |         | x     |     | BIO-11 | Desert Tortoise Compliance Verification       | Des Bio must be onsite daily during ground-disturbing construction activities located beyond permanent fencing.  | Designated biologist   | Ongoing                              |                   |                |   |                           |                           |                   |                           |
| 145 | CEC    |         | x     | x   | BIO-11 | Desert Tortoise Compliance Verification       | Provide agencies with reasonable access to the Project site and compensation lands.  | NextEra                | Ongoing                              |                   |                |   |                           |                           |                   |                           |
| 146 | CEC    |         |       | x   | BIO-11 | Desert Tortoise Compliance Verification       | Submit a Final Listed Species Mitigation Report.   | Tetra Tech             | < 45d after initial start up         | complete          | 14-Jun-13      |   |                           |                           |                   |                           |
| 147 | CEC    |         | x     |     | BIO-11 | Desert Tortoise Compliance Verification       | Des. Bio to conduct compliance inspections at least once per month after grading is completed.   | Des. Bio               | Monthly                              |                   | Monthly        |   |                           |                           |                   |                           |
| 149 | CEC    | x       | x     |     | BIO-11 | Desert Tortoise Compliance Verification       | DesBio - Notify agencies immediately of any injured or dead listed species. Follow up with written notification within 2 days.   | Des. Bio               | < 2d of discovery                    |                   |                |   |                           |                           |                   |                           |
| 150 | CEC    | x       |       |     | BIO-11 | Desert Tortoise Compliance Verification       | Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph I  | Des Bio                | > 14d pt gd                          |                   | 2-Jan-11       | 3-Jan-11  | NA                        |                           |                   |                           |
| 150 | CEC    | x       |       |     | BIO-11 | Desert Tortoise Compliance Verification       | Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph II   | Tetra Tech             | > 14d pt gd                          | Complete          | 17-Apr-11      |   |                           |                           |                   |                           |
| 150 | CEC    |         | x     |     | BIO-11 | Desert Tortoise Compliance Verification       | Notify the CPM immediately of any NCR.   | Des Bio                | upon discovery                       |                   |                |   |                           |                           |                   |                           |
| 151 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation       | Submit PAR analysis for compensation lands.  | Tetra Tech             | < 60d after CPM approval             | Complete          |                |   |                           |                           |                   |                           |

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| 152 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Submit an Acquisition Proposal compensation lands.  | Tetra Tech     | < 12m after start of construction  | Complete          | 12-Jan-12      |   |                  |                                 |                                     |                           |
| 153 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Fund activities for Des Tort compensation. Submit verification of funding to CPM.   | NextEra        | < 60d CPM determining requirements | Complete          |                |   |                  |                                 |                                     |                           |
| 153 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Complete initial protection and improvement activities of mitigation lands. Submit verification to CPM.   | Tetra Tech     | < 6m CPM determining requirements  | Complete          |                |   |                  |                                 |                                     |                           |
| 154 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | If delegated to third party, complete acquisition within 18 months of gd activities.  | NextEra        | < 18m after start of gd            | Complete          | 9-Jul-12       |   |                  |                                 |                                     |                           |
| 155 | CEC    |         |       | x   | BIO-12 | Desert Tortoise Compensatory Mitigation              | Provide to agencies a total disturbance acreage, including B/A aerial photography.  | Fluor          | < 90d after completion of gd       | ??????            | 28-Sep-14      |   |                  |                                 |                                     |                           |
| 156 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | If mitigation is not completed 30d pt gd, post security for funding.  | NextEra        | > 30d pt gd                        | N/A               | 1-Apr-11       |   |                  |                                 | look at tricia's table of approvals |                           |
| 157 | CEC    | x       |       |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Notify (written) CPM of gd activity commencement.   | Tetra Tech     | > 30d pt gd                        | Completed         | 17-Dec-10      | 3-Jan-10  | NA               |                                 |                                     |                           |
| 157 | CEC    | x       |       |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Notify (written) CPM of gd activity commencement. Phase II  | Tetra Tech     | > 30d pt gd                        | Complete          | 2-Apr-11       |   |                  |                                 |                                     |                           |
| 158 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Submit a Preliminary Title Report, initial hazardous materials survey report, biological analysis for compensation land.  | Tetra Tech     |                                    | ??????            |                |   |                  |                                 |                                     |                           |
| 159 | CEC    | x       | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Fund long-term maintenance and management activities of the compensation lands. Submit verification of funding.   | NextEra        | < 30d after CPM approval           | ?????             |                |   |                  |                                 |                                     |                           |
| 160 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Acquire and transfer fee title to the compensation lands, a conservation easement over the lands, or both.  | Fluor          |                                    | ????????          | 1-Nov-11       | Complete  | Complete         |                                 |                                     |                           |
| 161 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).   | Fluor          |                                    | Complete          | 1-Nov-11       | Complete  | Complete         |                                 |                                     |                           |
| 162 | CEC    |         | x     |     | BIO-12 | Desert Tortoise Compensatory Mitigation              | Submit a Management Plan for Compensation Lands.  | Fluor          | < 180d after acquisition           | ????????          | 1-Nov-11       | Complete  | Complete         |                                 |                                     |                           |
| 163 | CEC    |         |       | x   | BIO-13 | Raven Management Plan                                | Submit a status report of the Raven Management Plan implementation.   | AE Com         | < 30d after start of operation     |                   | 30-May-13      | Complete  | Complete         | Raven Management Plan submitted |                                     |                           |
| 164 | CEC    | x       |       |     | BIO-13 | Raven Management Plan                                | Submit final Raven Management Plan.   | Tetra Tech     | > 30d pt construction              | Complete          | 17-Dec-10      | 12/3/2010<br>1/4/11<br>1/8/11<br>1/10/11<br>2/8/11<br>2/15/11 | Approved 3/2/11  |                                 |                                     |                           |
| 165 | CEC    | x       |       |     | BIO-13 | Raven Management Plan                                | Post payment to the REAT Account for Regional Raven Management Program. Submit documentation of payment..   | NextEra        | < 10d pt Project-related gd        | Complete          | 7-Jan-11       | 23-Dec-10   | NA               |                                 |                                     |                           |
| 167 | CEC    |         |       | x   | BIO-13 | Raven Management Plan                                | Include the status of the Raven Management Plan implementation in Jan 31 report during operations.  | Fluor          | Jan-31 Annually                    |                   |                |   |                  |                                 |                                     |                           |
| 168 | CEC    |         | x     | x   | BIO-13 | Raven Management Plan                                | Implement the approved Raven Management Plan.   | Fluor          | Ongoing                            |                   |                |   |                  |                                 |                                     |                           |
| 169 | CEC    | x       |       |     | BIO-14 | Weed Management Plan                                 | Submit final Weed Management Plan.  | Alice Karl     | > 10d pt Project-related gd        |                   | 6-Jan-11       | 8/25/2010 resubmitted<br>1/5/11<br>1/11/11                    | Approved 1/10/11 |                                 |                                     |                           |
| 170 | CEC    |         |       | x   | BIO-14 | Weed Management Plan                                 | Submit a status report of Weed Management Plan implementation.  | Alice Karl     | < 30d after start of operation     |                   | 30-May-13      |   |                  |                                 |                                     |                           |
| 171 | CEC    |         | x     | x   | BIO-14 | Weed Management Plan                                 | Implement the Weed Management Plan.   | Alice Karl     | Ongoing                            |                   |                |   |                  |                                 |                                     |                           |
| 172 | CEC    |         |       | x   | BIO-14 | Weed Management Plan                                 | Submit a status report of Weed Management Plan implementation in Jan 31 report during operation.  | Alice Karl     | Jan-31 Annually                    |                   |                |   |                  |                                 |                                     |                           |
| 173 | CEC    |         |       | x   | BIO-15 | Pre-construction Nest Surveys and Avoidance Measures | Submit summary report of nest buffer zones in Jan 31 report during operations.  | Alice Karl     | Jan-31 Annually                    |                   |                |   |                  |                                 |                                     |                           |
| 174 | CEC    | x       | x     |     | BIO-15 | Pre-construction Nest Surveys and Avoidance Measures | If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledged. | Des Bio        | until fledged                      |                   | After Feb 1    | 24-Feb-11   | Complete         |                                 |                                     |                           |

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| 174 | CEC    | x       | x     |     | BIO-15 | Pre-construction Nest Surveys and Avoidance Measures                        | If active nests are found, establish buffer and Nesting Bird Monitoring Plan (see BIO-8); map locations and submit report. Des. Bio or Monitor must monitor nest until nestlings fledge. PLANT SITE, PHASE II | Des Bio        | until fledged                                |                   | After Feb 1    | 24-Feb-11                | Complete                  |                           |                   |                           |
| 175 | CEC    | x       | x     |     | BIO-15 | Pre-construction Nest Surveys and Avoidance Measures                        | Conduct two pre-construction nest surveys. If construction is inactive for > 3 weeks, additional surveys may be required.   | Des Bio        | < 7d pt construction                         |                   | 1-Feb-11       | 24-Feb-11                | Complete                  |                           |                   |                           |
| 176 | CEC    | x       | x     |     | BIO-15 | Pre-construction Nest Surveys and Avoidance Measures                        | Submit letter report of nest survey results.  | Des Bio        | pt gd  |                   | 22-Apr-11      | 24-Feb-11                | Complete                  |                           |                   |                           |
| 177 | CEC    |         | x     |     | BIO-15 | Pre-construction Nest Surveys and Avoidance Measures                        | Avoid construction in buffer zones established for active bird nests as determined and flagged by Des Bio.  | Des Bio        | until fledged                                |                   | 22-Apr-11      | 24-Feb-11                | Complete                  |                           |                   |                           |
| 179 | CEC    | x       |       |     | BIO-16 | Avian Protection Plan.  | Submit a final Avian Protection Plan.   | Tetra Tech     | > 30d pt construction-related gd             | Complete          | 17-Dec-10      | 12/6/2010<br>1/4/11      | Approved 1/12/11          |                           |                   |                           |
| 180 | CEC    |         | x     | x   | BIO-16 | Avian Protection Plan.  | Implement an Avian Protection Plan  | Des Bio        | Ongoing                                      | Still in action   |                | Submitted Jan 2011.      | Submitted Jan 2011.       |                           |                   |                           |
| 181 | CEC    |         | x     | x   | BIO-16 | Avian Protection Plan.  | Report project-related bird deaths or injuries to agencies.   | Des Bio        | Ongoing                                      | ongoing           |                |                          |                           |                           |                   |                           |
| 182 | CEC    |         |       | x   | BIO-16 | Avian Protection Plan.  | Continue quarterly and annual reporting on APP until agencies determine not necessary.  | Des Bio        | Ongoing, Quarterly and annually              | After operation   |                |                          |                           |                           |                   |                           |
| 183 | CEC    |         |       | x   | BIO-16 | Avian Protection Plan.  | Submit report of study design and results after two years of data collection.   | Nextera Energy | < 3yr after start of operation               |                   | 14-Apr-16      |                          |                           |                           |                   |                           |
| 184 | CEC    |         |       | x   | BIO-16 | Avian Protection Plan.  | Submit quarterly monitoring reports of APP status. Follow up with an annual report (Jan 31).  | Nextera Energy | Jan-31 Annually                              |                   |                |                          |                           |                           |                   |                           |
| 185 | CEC    |         | x     |     | BIO-17 | American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures | Submit a report of badger and kit fox survey results. Ph I  | Nextera Energy | < 30d after survey complete                  |                   | 17-Feb-11      | 2/25/2011<br>3/28/11     | comments received 3/14/11 |                           |                   |                           |
| 185 | CEC    |         | x     |     | BIO-17 | American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures | Submit a report of badger and kit fox survey results. Ph II   | Nextera Energy | < 30d after survey complete                  |                   | 15-May-11      |                          |                           |                           |                   |                           |
| 186 | CEC    |         | x     |     | BIO-17 | American Badger and Desert Kit Fox Impact Avoidance & Minimization Measures | Perform pre-construction surveys for badger and kit fox dens. Ph II   | AECOM          | pt construction                              |                   | 15-Mar-11      | Ongoing                  |                           |                           |                   |                           |
| 187 | CEC    | x       |       |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | If an active owl burrow is detected: Notify agencies that a relocation of owls is necessary.  | AECOM          | > 10d after survey complete                  |                   | 15-Apr-11      |                          |                           |                           |                   |                           |
| 188 | CEC    |         |       | x   | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | Submit results of monitoring and management of compensation lands.  | Tetra Tech     | Jan-31 Annually for first 5yrs of operations |                   |                |                          |                           |                           |                   |                           |
| 190 | CEC    |         | x     |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | If an active owl burrow is detected: Provide a land management plan.  | AECOM          | < 90d after acquisition                      |                   |                |                          |                           |                           |                   |                           |
| 191 | CEC    |         | x     |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | Submit verification to agencies that compensation land or easements have been acquired.   | AECOM          | < 18m after start of construction            |                   | 9-Jul-12       |                          |                           |                           |                   |                           |
| 192 | CEC    | x       | x     |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | Submit burrowing owl compliance documentation in monthly compliance report.   | AECOM          | Monthly                                      |                   |                |                          |                           |                           |                   |                           |
| 193 | CEC    |         | x     |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | If an active owl burrow is detected: Submit acquisition proposal and a PAR analysis.  | AECOM          | > 90d pt acquisition                         |                   |                |                          |                           |                           |                   |                           |
| 194 | CEC    | x       |       |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | Conduct pre-construction surveys for burrowing owls. Ph I   | AECOM          | < 30d pt construction                        |                   | 16-Jan-11      | Completed                | Approved report 3/14/11   |                           |                   |                           |
| 194 | CEC    | x       |       |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | Conduct pre-construction surveys for burrowing owls. Ph II  | AECOM          | < 30d pt construction                        |                   | 1-Apr-11       |                          |                           |                           |                   |                           |
| 195 | CEC    | x       | x     |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase I  | AECOM          | > 10d pt construction-related gd             |                   | 6-Jan-11       | NA                       |                           |                           |                   |                           |
| 195 | CEC    | x       | x     |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase II   | AECOM          | > 10d pt construction-related gd             |                   | 22-Apr-11      |                          |                           |                           |                   |                           |
| 196 | CEC    | x       | x     |     | BIO-18 | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures      | If an active owl burrow is detected: Provide land/mitigation compensation security verification.  | AECOM          | > 30d pt construction-related gd             |                   | 17-Dec-10      | 23-Dec-10                | NA                        |                           |                   |                           |

| #   | Agency | Pre-con | Const | ops | COC      | Title   | Description   | Responsibility | COC Verification                  | Internal Due Date | Date Final Due | Date Submitted to Agency      | Agency Status      | Documentation On Hand Y/N | Internal Comments  | Operational On-going Cost |
|-----|--------|---------|-------|-----|----------|---|---|----------------|-----------------------------------|-------------------|----------------|-------------------------------|--------------------|---------------------------|--|---------------------------|
| 197 | CEC    |         |       | x   | BIO-18   | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures          | Submit a Construction Termination Report identifying status of owl mitigation.  | AECOM          | < 30d Start of Operations         |                   | 30-May-13      |                               |                    |                           |  |                           |
| 198 | CEC    | x       |       |     | BIO-18   | Burrowing Owl Impact Avoidance, Minimization and Compensation Measures          | If an active owl burrow is detected: Submit Burrowing Owl Relocation and Mitigation Plan.   | AECOM          | < 30d after survey complete       |                   | 17-Dec-10      | 11/26/2010 resubmitted 1/7/11 | Approved 1/11/11   |                           |  |                           |
| 199 | CEC    | x       |       |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Rare Plant Surveys - Submit drawings and plans with ESAs and Section A Measures.  | Thomas Darden  | > 30d pt gd                       |                   | 17-Dec-10      | 3-Jan-11                      | Approved 1/12/11   |                           |  |                           |
| 200 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | If a Distribution Study is implemented as contingency mitigation, complete implementation within 2yrs of start of construction.                       | Tetra Tech     | < 24m after start of construction |                   | 5-Jan-13       |                               |                    |                           |  |                           |
| 200 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | If a Distribution Study is implemented as contingency mitigation, initiate study within 6 months from the start of construction.                      | Tetra Tech     | < 6m after start of construction  |                   | 15-Jul-11      |                               |                    |                           |  |                           |
| 201 | CEC    | x       |       |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | If compensatory mitigation is required, post Security for acquisition and enhancement funds.  | NextEra        | > 30d pt gd                       |                   | 17-Dec-10      | NA                            | NA                 |                           | No compensatory mitigation required.   |                           |
| 202 | CEC    | x       |       |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Rare Plant Surveys - Submit data, field forms and summary of results.   | Tetra Tech     | < 2w after survey complete        |                   |                | 22-Oct-10                     | Approved 11/2/2010 |                           |  |                           |
| 204 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Habitat Enhancement: Submit Security adequate for long-term implementation and monitoring of the Habitat Enhancement / Restoration Plan.              | Tetra Tech     |                                   |                   |                |                               |                    |                           |  |                           |
| 205 | CEC    | x       |       |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Rare Plant Surveys - Submit the Final Summer-Fall Botanical Survey Report.  | Tetra Tech     | > 30d pt gd                       |                   | 17-Dec-10      | N/A                           | NA                 |                           | N/A - no rare plants were found during fall surveys. Letter to CEC sent on 10/22 satisfied this requirement. |                           |
| 206 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Habitat Enhancement: If proposed, secure approval of a Habitat Enhancement/Restoration Plan.  | Tetra Tech     | < 6m after start of construction  |                   | 15-Jul-11      |                               |                    |                           |  |                           |
| 207 | CEC    | x       |       |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Rare Plant Surveys - Submit draft Special-Status Plant Mitigation Plan.   | Tetra Tech     | > 30d pt gd                       |                   | 17-Dec-10      | N/A                           | NA                 |                           | Not required since no rare plants were found during fall surveys   |                           |
| 208 | CEC    | x       | x     | x   | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Notify agencies immediately if a State- or Federal-Listed Species, or BLM Sensitive Species is identified at any time during the life of the Project. | Tetra Tech     |                                   |                   |                |                               |                    |                           |  |                           |
| 209 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Compensatory Mitigation: Deposit the required funds and submit verification of deposit.   | NextEra        | > 30d after acquisition           |                   |                |                               |                    |                           |  |                           |
| 210 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Status and Distribution: Post funds for selected mitigation.  | NextEra        | < 18m after start of gd           |                   | 9-Jul-12       |                               |                    |                           |  |                           |
| 211 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Compensatory Mitigation: Submit a formal acquisition proposal and draft Management Plan.  | Tetra Tech     | > 90d pt acquisition              |                   |                |                               |                    |                           |  |                           |
| 212 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Submit compliance documentation of special-status plant avoidance and minimization measures in the Monthly Compliance Reports.                        | Tetra Tech     | Monthly                           |                   | Monthly        | n/a                           |                    |                           |  |                           |
| 213 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Compensatory Mitigation: Complete acquisition and submit verification.  | Tetra Tech     | < 18 m after start of gd          |                   | 9-Jul-12       |                               |                    |                           |  |                           |
| 214 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Habitat Enhancement: initiate activities > 12m from the start of construction.  | Tetra Tech     | < 12m after start of construction |                   | 12-Jan-12      |                               |                    |                           |  |                           |
| 215 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Compensatory Mitigation: Submit any agreements with an approved, delegated third party.   | Tetra Tech     | > 90d pt acquisition              |                   |                |                               |                    |                           |  |                           |
| 216 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Status and Distribution: If selected, initiate study <6m after gd.  | Tetra Tech     | < 180d after gd                   |                   | 15-Jul-11      |                               |                    |                           |  |                           |
| 216 | CEC    |         | x     |     | BIO-19   | Special-Status Plant Impact Avoidance, Minimization and Compensation            | Status and Distribution: If selected, submit draft and final study within 24m and 30m after gd, respectively.   | Tetra Tech     | < 24m after start of gd           |                   | 5-Jan-13       |                               |                    |                           |  |                           |
| 218 | CEC    |         | x     | x   | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Select, install and maintain ECDs such that special-status plants are not directly or indirectly affected (seed mixes, hay, runoff).                  | Fluor          | Ongoing                           |                   |                |                               |                    |                           |  |                           |
| 219 | CEC    | x       |       |     | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Assign a Designated Botanist.   | Tetra Tech     | none                              |                   | none           | 9/27/2010 2/8/11              | Approved 10/15/10  |                           |  |                           |
| 220 | CEC    | x       |       |     | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).   | Tetra Tech     |                                   |                   | 17-Dec-10      | 12/3/2010 resubmitted 1/4/11  | Approved 1/14/11   |                           |  |                           |
| 222 | CEC    | x       |       |     | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Establish and mark boundaries for ESAs PT start of any ground- or vegetation-disturbing activities.   | Tetra Tech     | pt gd                             |                   | 16-Jan-11      | completed                     | NA                 |                           |  |                           |

| #   | Agency | Pre-con | Const | ops         | COC      | Title   | Description  | Responsibility               | COC Verification  | Internal Due Date | Date Final Due | Date Submitted to Agency    | Agency Status | Documentation On Hand Y/N | Internal Comments  | Operational On-going Cost |
|-----|--------|---------|-------|-------------|----------|---|--|------------------------------|---|-------------------|----------------|-----------------------------|---------------|---------------------------|--|---------------------------|
| 223 | CEC    |         | x     | x (closure) | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Designated Botanist: monitor disturbance activities weekly.  | Tetra Tech                   | Weekly  |                   | 17-Jan-11      | Submitted in monthly report |               |                           |  |                           |
| 224 | CEC    | x       |       |             | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Incorporate site design modifications to minimize impacts to special-status plants along the Project linears.  | Fluor                        |   |                   |                |                             |               |                           |  |                           |
| 225 | CEC    |         |       | x           | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Des Bio: Protect special-status plant species within 100ft of Project Boundaries during operations.  | Darden                       | Ongoing, this task is in the daily and weekly DB reports. Included in the monthly compliance reports. |                   |                |                             |               |                           |  |                           |
| 226 | CEC    |         | x     | x           | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Maintain a 100-ft buffer around ESAs. (vehicles, wash stations, storage, equipment, etc)   | Darden                       | Ongoing   |                   |                |                             |               |                           |  |                           |
| 227 | CEC    |         | x     |             | BIO-19-A | Section A: Special-Status Plant Impact Avoidance, Minimization and Compensation | Protect special-status plants within 100ft of site boundaries from drift of herbicides and stabilizer.   | Darden, Karl, and operations | Ongoing, Re-vegetation efforts to begin middle of October.  |                   |                |                             |               |                           |  |                           |
| 230 | CEC    | x       |       |             | BIO-19-B | Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation | If a special-status plant is found, record extent of population using GPS. Assess the extent of the species (qualitatively) within one mile of Project boundaries. | Karl, Darden                 | pt construction   |                   | 16-Jan-11      | NA                          | NA            |                           |  |                           |
| 231 | CEC    | x       |       |             | BIO-19-B | Section B: Special-Status Plant Impact Avoidance, Minimization and Compensation | Prior to the start of surveys, all crew members must visit reference sites (where available)   | Tetra Tech                   | pt plant survey   |                   |                | completed                   |               |                           |  |                           |
| 232 | CEC    | x       |       |             | BIO-19-C | Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation | Collect seeds from affected Special-Status Plants and arrange for long-term storage prior to construction.   | Tetra Tech                   | pt construction   |                   | 16-Jan-11      | NA                          | NA            |                           |  |                           |
| 235 | CEC    | x       |       |             | BIO-19-C | Section C: Special-Status Plant Impact Avoidance, Minimization and Compensation | Special-status plants: CNDDB Rank plants -If detected within the Project Disturbance Area, prepare and implement a Mitigation Plan.                                | Tetra Tech                   | n/a   |                   | n/a            | NA                          | NA            |                           | Surveys completed. No rare plants found. COC not applicable. |                           |
| 236 | CEC    | x       |       |             | BIO-20   | Sand Dunes / Mojave Fringe-Toed Lizard Mitigation                               | Post security for acquisitions and enhancement of MFTL habitat.  | NextEra                      | > 30d pt construction-related gd  |                   | 17-Dec-10      | 23-Dec-10                   | 1/4/2011      |                           |  |                           |
| 237 | CEC    |         | x     |             | BIO-20   | Sand Dunes / Mojave Fringe-Toed Lizard Mitigation                               | Submit a MFTL Compensation Land Management Plan and associated funding.  | Tetra Tech                   | < 180d after acquisition  |                   |                |                             |               |                           |  |                           |
| 238 | CEC    |         |       | x           | BIO-20   | Sand Dunes / Mojave Fringe-Toed Lizard Mitigation                               | Submit final accounting of MFTL habitat disturbed during construction within 90d of construction completion.   | Tetra Tech                   | < 90d after start of operation  |                   | 29-Jul-13      |                             |               |                           |  |                           |
| 239 | CEC    |         | x     |             | BIO-20   | Sand Dunes / Mojave Fringe-Toed Lizard Mitigation                               | Submit a formal acquisition proposal and PAR analysis.   | Tetra Tech                   | > 90d pt acquisition  |                   |                |                             |               |                           |  |                           |
| 240 | CEC    |         | x     |             | BIO-20   | Sand Dunes / Mojave Fringe-Toed Lizard Mitigation                               | Complete MFTL compensation land acquisition and submit verification.   | Tetra Tech                   | < 18m after start of construction   |                   | 9-Jul-12       |                             |               |                           |  |                           |
| 242 | CEC    |         | x     |             | BIO-20   | Sand Dunes / Mojave Fringe-Toed Lizard Mitigation                               | Provide funding for MFTL compensation lands OR deposit funds into NFWF's REAT Account.   | NextEra                      |   |                   |                |                             |               |                           |  |                           |
| 243 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | Report any dead wildlife to Des Bio <24hrs. Des Bio must report to agencies ,48hrs.  | Tetra Tech / Operations      | < 1d of detection, all dead wildlife has been reported  |                   |                |                             |               |                           |  |                           |
| 244 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | If no entanglements are detected after 12 months, continue to monitor quarterly.   | Tetra Tech                   | quarterly   |                   | Quarterly      |                             |               |                           |  |                           |
| 245 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | Submit quarterly reports to agencies for first year of operation. Thereafter, submit reports annually.   | Tetra Tech                   | quarterly   |                   | Quarterly      |                             |               |                           |  |                           |
| 246 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).  | Tetra Tech                   | biannually  |                   |                |                             |               |                           |  |                           |
| 247 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | Submit annual reports no later than January 31 of each year.   | Tetra Tech                   | Jan-31 Annually   |                   |                |                             |               |                           |  |                           |
| 248 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | Netting cannot touch the water in evap ponds.  | Operations                   | Ongoing   |                   |                |                             |               |                           |  |                           |
| 249 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | Consult with agency regarding removal of injured wildlife in evap ponds.   | Tetra Tech                   | Ongoing   |                   |                |                             |               |                           |  |                           |
| 250 | CEC    |         | x     |             | BIO-21   | Evaporation Pond Netting and Monitoring   | Install a visual deterrent in addition to the mesh cover.  | Fluor                        |   |                   |                |                             |               |                           |  |                           |
| 251 | CEC    |         |       | x           | BIO-21   | Evaporation Pond Netting and Monitoring   | Submit as-built drawings and photos of evap ponds  | Fluor                        | > 30d pt operation  |                   | 31-Mar-13      |                             |               |                           |  |                           |

| #   | Agency | Pre-con | Const | ops | COC    | Title   | Description  | Responsibility                 | COC Verification   | Internal Due Date | Date Final Due | Date Submitted to Agency       | Agency Status       | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
|-----|--------|---------|-------|-----|--------|---|--|--------------------------------|--|-------------------|----------------|--------------------------------|---------------------|---------------------------|-------------------|---------------------------|
| 252 | CEC    |         |       | x   | BIO-21 | Evaporation Pond Netting and Monitoring                           | Des Bio or Monitor must inspect netting monthly during operation.  | Tetra Tech                     | monthly  |                   | Monthly        |                                |                     |                           |                   |                           |
| 254 | CEC    |         | x     |     | BIO-22 | Mitigation for Impacts to State Waters                            | Submit a draft Management Plan for the drainages on the acquired compensation lands.   | Tetra Tech / Fluor             | < 180d after acquisition                                       |                   |                |                                |                     |                           |                   |                           |
| 256 | CEC    |         | x     | x   | BIO-22 | Mitigation for Impacts to State Waters                            | Provide a copy of Condition of Certification BIO-22 to all on-site personnel (detailing Stop Work Authorities).  | Genesis ECM/Operations         | Ongoing, part of the WEAP training                             |                   |                |                                |                     |                           |                   |                           |
| 257 | CEC    | x       |       |     | BIO-22 | Mitigation for Impacts to State Waters                            | Notify agencies prior to disturbance and completion of work in jurisdictional waters.  | Tetra Tech / Fluor             | > 5d pt construction-related gd in state waters                |                   | 10-Jan-11      | 3-Jan-11                       | NA                  |                           |                   |                           |
| 258 | CEC    |         |       | x   | BIO-22 | Mitigation for Impacts to State Waters                            | Include a discussion of work in waters of the state in Annual Compliance Reports.  | Genesis EHS                    | Annually   |                   | Annual         |                                |                     |                           |                   |                           |
| 258 | CEC    |         | x     |     | BIO-22 | Mitigation for Impacts to State Waters                            | Include a discussion of work in waters of the state in Monthly Compliance Reports.   | Genesis ECM                    | Monthly, a section on the monthly report addresses this issue. |                   | Monthly        |                                |                     |                           |                   |                           |
| 259 | CEC    |         |       | x   | BIO-22 | Mitigation for Impacts to State Waters                            | Submit a final accounting of disturbance to jurisdictional waters during construction.   | Genesis ECM                    | < 90d after start of operation                                 |                   | 29-Jul-13      |                                |                     |                           |                   |                           |
| 260 | CEC    |         | x     |     | BIO-22 | Mitigation for Impacts to State Waters                            | Transfer fee title or submit a conservation easement for compensation lands.   | Genesis ECM                    |  |                   |                |                                |                     |                           |                   |                           |
| 261 | CEC    | x       |       |     | BIO-22 | Mitigation for Impacts to State Waters                            | Provide verification of Security 30d pt CR gd.   | NextEra                        | > 30d pt construction-related gd                               |                   | 17-Dec-10      | 23-Dec-10                      | 1/4/2011            |                           |                   |                           |
| 262 | CEC    |         | x     | x   | BIO-22 | Mitigation for Impacts to State Waters                            | Drainage BMPs: Minimize road building, construction activities and vegetation clearing within ephemeral drainages to the extent feasible. Do not allow water containing mud, silt, or other pollutants from grading, aggregate | Genesis Project management/ECM | Ongoing  |                   |                |                                |                     |                           |                   |                           |
| 263 | CEC    | x       |       |     | BIO-22 | Mitigation for Impacts to State Waters                            | Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that BMPs shall be implemented.  | ECM                            | > 30d pt construction-related gd in state waters               |                   | 11-Jan-11      | 23-Nov-10                      | NA                  |                           |                   |                           |
| 264 | CEC    |         |       | x   | BIO-22 | Mitigation for Impacts to State Waters                            | Submit a report of monitoring and management of compensation lands.  | Operations                     | Jan-31 Annually  |                   |                |                                |                     |                           |                   |                           |
| 265 | CEC    |         | x     |     | BIO-22 | Mitigation for Impacts to State Waters                            | Submit verification of acquisition.  | Fluor                          | < 18m after start of construction                              |                   | 9-Jul-12       |                                |                     |                           |                   |                           |
| 266 | CEC    |         |       | x   | BIO-22 | Mitigation for Impacts to State Waters                            | Include a copy of the notifying change of conditions report in the annual reports.   | Operations                     | Annually   |                   |                |                                |                     |                           |                   |                           |
| 268 | CEC    | x       | x     |     | BIO-22 | Mitigation for Impacts to State Waters                            | Notify agencies of any change of conditions to the Project (site conditions, impacts, mitigation).   | ECM                            | < 7d upon discovery  |                   |                |                                |                     |                           |                   |                           |
| 269 | CEC    |         |       | x   | BIO-22 | Mitigation for Impacts to State Waters                            | Include a copy of the notifying change of conditions report in the annual reports.   | Operations                     | Annually   |                   |                |                                |                     |                           |                   |                           |
| 270 | CEC    | x       |       |     | BIO-23 | Decommissioning and Closure Plan                                  | Post security for Decommissioning and Closure Plan.  | NextEra                        | > 10d pt construction-related gd                               |                   | 6-Jan-11       | 4-Jan-11                       | Approved 1/11/11    |                           |                   |                           |
| 271 | CEC    |         |       | x   | BIO-23 | Decommissioning and Closure Plan                                  | Revise and submit Decommissioning and Closure Plan every 5yrs during operations.   | Operations                     | every 5yrs   |                   |                |                                |                     |                           |                   |                           |
| 272 | CEC    |         |       | x   | BIO-23 | Decommissioning and Closure Plan                                  | Implement a final Decommissioning and Closure Plan.  | Operations                     | Project closure  |                   |                |                                |                     |                           |                   |                           |
| 273 | CEC    | x       |       |     | BIO-23 | Decommissioning and Closure Plan                                  | Submit a draft Decommissioning and Closure Plan.   | Worley Parsons                 | > 30d pt construction-related gd                               |                   | 17-Dec-10      | 25-Aug-10                      | Approved 10/15/2010 |                           |                   |                           |
| 274 | CEC    |         | x     | x   | BIO-24 | Revegetation of Temporarily Disturbed Areas                       | Submit status report of Reveg Plan yearly.   | Tetra Tech                     | Jan-31 Annually  |                   |                |                                |                     |                           |                   |                           |
| 275 | CEC    |         | x     | x   | BIO-24 | Revegetation of Temporarily Disturbed Areas                       | Implement Revegetation Plan.   | Fluor                          | Ongoing  |                   |                |                                |                     |                           |                   |                           |
| 276 | CEC    | x       |       |     | BIO-24 | Revegetation of Temporarily Disturbed Areas                       | Submit to the CPM a final agency-approved Revegetation Plan.   | Tetra Tech                     | > 30d pt construction-related gd                               |                   | 17-Dec-10      | 8/25/2010 resubmitted 12/29/10 | Approved 1/12/11    |                           |                   |                           |
| 277 | CEC    |         |       | x   | BIO-24 | Revegetation of Temporarily Disturbed Areas                       | Provide compliance documentation and status of completion of the Reveg Plan.   | Tetra Tech                     | < 30d after construction completion                            |                   | 30-Jul-14      |                                |                     |                           |                   |                           |
| 278 | CEC    |         |       |     | BIO-25 |   | DELETED  |                                |  |                   |                |                                |                     |                           |                   |                           |
| 279 | CEC    |         |       |     | BIO-26 |   | DELETED  |                                |  |                   |                |                                |                     |                           |                   |                           |
| 280 | CEC    |         |       | x   | BIO-27 | Couch's Spadefoot Toad Impact Avoidance and Minimization Measures | Conduct Spadefoot Toad surveys. Submit findings  | Alice Karl                     | Oct-10   |                   | 30-Oct-10      | 25-Oct-10                      | NA                  |                           |                   |                           |

| #   | Agency | Pre-con | Const | ops | COC    | Title  | Description  | Responsibility | COC Verification                 | Internal Due Date | Date Final Due | Date Submitted to Agency              | Agency Status   | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
|-----|--------|---------|-------|-----|--------|--|--|----------------|----------------------------------|-------------------|----------------|---------------------------------------|---|---------------------------|-------------------|---------------------------|
| 280 | CEC    |         |       | x   | BIO-27 | Couch's Spadefoot Toad Impact Avoidance and Minimization Measures                                      | If ponds are created, submit compliance documentation yearly.  | Tetra Tech     | Jan-31 Annually                  |                   |                | n/a                                   |   |                           |                   |                           |
| 281 | CEC    |         | x     |     | BIO-27 | Couch's Spadefoot Toad Impact Avoidance and Minimization Measures                                      | If ponds are created, provide as-built drawings and photos.  | Tetra Tech     | > 90d pt operation               |                   | 30-Jan-13      | n/a                                   |   |                           |                   |                           |
| 282 | CEC    | x       |       |     | BIO-27 | Couch's Spadefoot Toad Impact Avoidance and Minimization Measures                                      | Submit a final CST Protection and Mitigation Plan.   | Tetra Tech     | > 30d pt construction-related gd |                   | 17-Dec-10      | 11/20/2010 resubmitted 1/5/11 1/10/11 | Approved 1/11/11  |                           |                   |                           |
| 283 | CEC    |         | x     | x   | BIO-27 | Couch's Spadefoot Toad Impact Avoidance and Minimization Measures                                      | Implement a CST Protection and Mitigation Plan.  | Tetra Tech     | Ongoing                          |                   |                |                                       |   |                           |                   |                           |
| 284 | CEC    |         | x     |     | BIO-28 | Golden Eagle Inventory and Monitoring  | If a nest is found, notify agencies submit final Golden Eagle Monitoring and Management Plan.  | DB/Thomas      | < 30d after detection            |                   |                |                                       |   |                           |                   |                           |
| 285 | CEC    |         | x     |     | BIO-28 | Golden Eagle Inventory and Monitoring  | Survey for golden eagle annually during construction.  | DB/Thomas      | Annually                         |                   |                |                                       |   |                           |                   |                           |
| 287 | CEC    |         | x     |     | BIO-28 | Golden Eagle Inventory and Monitoring  | Submit results of eagle inventory.   | Tetra Tech     | < 30d of survey completion       |                   | 30-Jun-11      |                                       |   |                           |                   |                           |
| 288 | CEC    | x       |       |     | BIO-29 | in-Lieu Mitigation Option  | Notify CEC if an in-lieu fee is preferred for bio mitigation.  | NextEra        | pt construction-related gd       |                   | 16-Jan-11      | 23-Dec-10                             | NA  |                           |                   |                           |
| 289 | CEC    | x       |       |     | CUL-1  | prehistoric Trails Network Cultural Landscape (PTNCL) Documentation and Poss. NRHP Nomination          | Submit notice of fund transfer.  | NextEra        | < 10d of transfer                |                   |                | 27-Sep-10                             | Approved 10/15/10   |                           |                   |                           |
| 290 | CEC    | x       |       |     | CUL-1  | PTNCL Documentation and Poss. NRHP Nomination  | Contribute funds for the PTNCL Documentation and Possible NRHP Nomination program.   | NextEra        | upon receipt of invoice          |                   |                | 27-Sep-10                             | Approved 10/15/10   |                           |                   |                           |
| 291 | CEC    | x       |       |     | CUL-2  | Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination | Submit notice of fund transfer.  | NextEra        | < 10d of transfer                |                   |                | 27-Sep-10                             | Approved 10/15/10   |                           |                   |                           |
| 292 | CEC    | x       |       |     | CUL-2  | Desert Training Center CAL-AZ Maneuver Area Cultural Landscape Documentation and Poss. NRHP Nomination | Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCL)  | NextEra        | upon receipt of invoice          |                   |                | 27-Sep-10                             | Approved 10/15/10   |                           |                   |                           |
| 293 | CEC    | x       |       |     | CUL-3  | Cultural Resources Personnel   | Assign a cultural resource specialist (CRS).   | AECom          | pt site mobilization             |                   | 16-Jan-11      | 26-Aug-10                             | Approved 10/18/10   |                           |                   |                           |
| 294 | CEC    | x       | x     |     | CUL-3  | Cultural Resources Personnel   | Submit resume of CRS replacement (if necessary).   | AECom          | 10d pt CRS departure             |                   |                |                                       | N/A   |                           |                   |                           |
| 295 | CEC    | x       |       |     | CUL-3  | Cultural Resources Personnel   | Obtain services of a specialist backhoe operator during excavation of CA-Riv-9072  | AECom          | NA                               |                   | NA             | NA                                    | NA  |                           |                   |                           |
| 296 | CEC    | x       | x     |     | CUL-3  | Cultural Resources Personnel   | CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities.  | Jessica Auch   | Ongoing                          |                   |                |                                       |   |                           |                   |                           |
| 297 | CEC    | x       |       |     | CUL-3  | Cultural Resources Personnel   | Submit resumes for a CRS, alternate CRS (optional), prehistoric archaeologist, ethnographer, historical archaeologist, project geoarchaeologist. | AECom          | > 75d pt gd                      |                   | 2-Nov-10       | 26-Aug-10                             | CRS, Approved 10/18/10<br>Alt CRS (addl info submitted 10/29)<br>PPA, Approved 10/18/10<br>PHA, Approved 10/18/10<br>GE (addl info submitted 10/29) |                           |                   |                           |
| 298 | CEC    | x       | x     |     | CUL-3  | Cultural Resources Personnel   | Submit letter with names and quals of additional CR Monitors.  | AECom          | 5d pt arrival on site            |                   | as needed      | 30-Mar-11                             |   |                           |                   |                           |
| 299 | CEC    | x       | x     |     | CUL-3  | Cultural Resources Personnel   | Submit confirmation of CR staff availability for CUL-8, 10, 11, 12 and 17.   | AECom          | 10d pt data recovery             |                   | 7-Jan-11       | Completed with resume submittal       | NA  |                           |                   |                           |
| 301 | CEC    | x       |       |     | CUL-3  | Cultural Resources Personnel   | Submit letter with names and quals of CR Monitors.   | AECom          | 15d pt data recovery             |                   | 2-Jan-11       | 10-Dec-10                             | Approved 1/13/11  |                           |                   |                           |
| 301 | CEC    | x       |       |     | CUL-3  | Cultural Resources Personnel   | Submit letter with names and quals of field crew members.  | AECom          | 15d pt data recovery             |                   | 2-Jan-11       | NA                                    | NA  |                           |                   |                           |
| 302 | CEC    |         | x     |     | CUL-4  | Project Documents for Cultural Resources Personnel   | If phased construction schedule changes, submit notice of change.  | Jessica Auch   | < 5d of decision                 |                   |                |                                       |   |                           |                   |                           |
| 303 | CEC    | x       | x     |     | CUL-4  | Project Documents for Cultural Resources Personnel   | If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM.  | Jessica Auch   | 15d pt start of each phase       |                   | 1-Jan-11       | Completed with CIVIL-1                |   |                           |                   |                           |
| 303 | CEC    | x       | x     |     | CUL-4  | Project Documents for Cultural Resources Personnel   | If construction is phased, submit maps and drawings. Provide phase schedule to CRS and CPM. Phase II   | Jessica Auch   | 15d pt start of each phase       |                   | 16-Apr-11      |                                       |   |                           |                   |                           |
| 304 | CEC    | x       |       |     | CUL-4  | Project Documents for Cultural Resources Personnel   | Submit CR data and maps to CR staff and CPM.   | Jessica Auch   | > 60d pt gd                      |                   | 17-Nov-10      | 1-Dec-10                              | Pending - addl info requested   |                           |                   |                           |
| 305 | CEC    | x       | x     |     | CUL-4  | Project Documents for Cultural Resources Personnel   | Submit any changes in footprint.   | Jessica Auch   | 15d pt gd                        |                   | 1-Jan-11       | 1/4/2011 3/18/11                      | Approved 3/30/11  |                           |                   |                           |

| #   | Agency | Pre-con | Const | ops | COC    | Title  | Description   | Responsibility | COC Verification                            | Internal Due Date | Date Final Due | Date Submitted to Agency            | Agency Status             | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
|-----|--------|---------|-------|-----|--------|--|---|----------------|---|-------------------|----------------|-------------------------------------|---------------------------|---------------------------|-------------------|---------------------------|
| 306 | CEC    |         | x     |     | CUL-4  | Project Documents for Cultural Resources Personnel       | Submit weekly schedule and location of activities to CRS and CPM during ground disturbance.   | Jessica Auch   | Weekly                                      |                   | 17-Jan-11      |                                     |                           |                           |                   |                           |
| 307 | CEC    | x       |       |     | CUL-5  | Cultural Resources Monitoring and Mitigation Plan        | Submit information from curation facility.  | Jessica Auch   | > 30d pt gd                                 |                   | 17-Dec-10      | 12-Nov-10                           | NA                        |                           |                   |                           |
| 308 | CEC    | x       |       |     | CUL-5  | Cultural Resources Monitoring and Mitigation Plan        | Submit letter agreement to fund curation fees.  | Jessica Auch   | > 20d pt gd                                 |                   | 27-Dec-10      | 10-Dec-10                           | NA                        |                           |                   |                           |
| 309 | CEC    | x       |       |     | CUL-5  | Cultural Resources Monitoring and Mitigation Plan        | Submit the CRMMP.   | Jessica Auch   | > 30d pt gd                                 |                   | 1-Mar-11       | 3/1/2011<br>4/4/11                  |                           |                           |                   |                           |
| 310 | CEC    |         | x     |     | CUL-6  | Cultural Resources Report                                | Submit a draft CR Report (CRR) if requesting suspension of construction (if necessary). Retain a copy of the draft CRR onsite.                        | Jessica Auch   | > 30d after request to suspend construction |                   |                |                                     |                           |                           |                   |                           |
| 311 | CEC    |         | x     |     | CUL-6  | Cultural Resources Report                                | Submit documentation of CRR distribution to parties.  | Jessica Auch   | < 10d of CRR approval                       |                   |                |                                     |                           |                           |                   |                           |
| 312 | CEC    |         |       | x   | CUL-6  | Cultural Resources Report                                | Submit the final CRR.   | Jessica Auch   | < 180d after completion of gd               |                   | 28-Dec-14      |                                     |                           |                           |                   |                           |
| 313 | CEC    | x       |       |     | CUL-7  | Worker Environmental Awareness Program                   | CRS to submit training program.   | Jessica Auch   | > 30d pt gd                                 |                   | 17-Dec-10      | 12/10/2010<br>resubmitted on 1/4/11 | comments received 2/28/11 |                           |                   |                           |
| 314 | CEC    | x       |       |     | CUL-7  | Worker Environmental Awareness Program                   | CRS to submit WEAP training acknowledgement form.   | Jessica Auch   | > 15d pt gd                                 |                   | 1-Jan-11       |                                     |                           |                           |                   |                           |
| 315 | CEC    |         | x     |     | CUL-7  | Worker Environmental Awareness Program                   | Submit all new WEAP acknowledgement forms and a running tally of trained employees in monthly compliance report.                                      | Jessica Auch   | Monthly                                     |                   | Monthly        |                                     |                           |                           |                   |                           |
| 316 | CEC    |         | x     |     | CUL-7  | Worker Environmental Awareness Program                   | Conduct WEAP training for all new workers prior to and during gd (including landscaping)  | Jessica Auch   | Ongoing                                     |                   |                |                                     |                           |                           |                   |                           |
| 317 | CEC    |         | x     |     | CUL-8  | Construction Monitoring Program                          | Geoarchaeologist to observe and sample all trenching of Tline as part of PTCNL documentation and possible NRHP nomination program (CUL-1).            | Jessica Auch   | 1-Aug-11                                    |                   |                |                                     |                           |                           |                   |                           |
| 318 | CEC    | x       | x     |     | CUL-8  | Construction Monitoring Program                          | Submit statement daily during gd if "no cultural resources over 50 years of age were discovered".   | Jessica Auch   | daily                                       |                   | 17-Jan-11      | Ongoing                             |                           |                           |                   |                           |
| 320 | CEC    |         | x     |     | CUL-8  | Construction Monitoring Program                          | Submit a summary report of CR-related monitoring and any new DPR 523A forms as part of the monthly compliance report.                                 | Jessica Auch   | Monthly                                     |                   | Monthly        | 1-Apr-11                            |                           |                           |                   |                           |
| 321 | CEC    |         | x     |     | CUL-8  | Construction Monitoring Program                          | Submit justification for reduction or cessation of CRS daily reporting.   | Jessica Auch   | < 24hrs pt change of reporting              |                   |                | 8-Mar-11                            | 3/28/2011                 |                           |                   |                           |
| 322 | CEC    |         | x     |     | CUL-8  | Construction Monitoring Program                          | CR Staff to monitor and maintain daily log on provided forms for all gd activity until the Qoaf alluvium is reached. (including roads)                | Jessica Auch   | daily                                       |                   |                |                                     |                           |                           |                   |                           |
| 323 | CEC    |         | x     |     | CUL-8  | Construction Monitoring Program                          | Notify CPM of NCRs w/in 24 hrs, recommend corrective action.  | Jessica Auch   | < 24hr of discovery                         |                   |                |                                     |                           |                           |                   |                           |
| 323 | CEC    |         | x     |     | CUL-8  | Construction Monitoring Program                          | Include report of any NCRs in monthly compliance report.  | Jessica Auch   | Monthly                                     |                   |                |                                     |                           |                           |                   |                           |
| 324 | CEC    | x       | x     |     | CUL-8  | Construction Monitoring Program                          | Submit a copy of any Native American employment request and a copy of a response letter.  | Jessica Auch   | < 15d of receipt                            |                   | 10-Feb-11      | 8-Feb-11                            | Approved 3/2/2011         |                           |                   |                           |
| 326 | CEC    | x       |       |     | CUL-8  | Construction Monitoring Program                          | CPM to provide CRS with daily monitoring form.  | Jessica Auch   | > 30d pt gd                                 |                   | 17-Dec-10      | 26-Nov-10                           | NA                        |                           |                   |                           |
| 327 | CEC    | x       | x     |     | CUL-8  | Construction Monitoring Program                          | Submit documentation of transmittals to Native American representatives following discovery of cultural material.                                     | Jessica Auch   | < 30d upon discovery                        |                   |                |                                     |                           |                           |                   |                           |
| 328 | CEC    | x       | x     |     | CUL-8  | Construction Monitoring Program                          | Submit "discovery" responses from tribes.   | Jessica Auch   | < 15d of receipt                            |                   |                |                                     |                           |                           |                   |                           |
| 329 | CEC    | x       |       |     | CUL-9  | Authority to Halt Construction; Treatment of Discoveries | Submit confirmation that CRS and CR staff have stop-work authority and notification requirements.   | Jessica Auch   | > 30d pt gd                                 |                   | 17-Dec-10      | 10-Dec-10                           | NA                        |                           |                   |                           |
| 330 | CEC    | x       | x     |     | CUL-9  | Authority to Halt Construction; Treatment of Discoveries | If cultural material is found, notify agencies (<24 hrs), Tribes (48hrs, as appropriate); submit a DPR 523 form; treat find in accordance with CRMMP. | Jessica Auch   | < 24hr of discovery                         |                   |                | Ongoing notification                |                           |                           |                   |                           |
| 331 | CEC    |         | x     |     | CUL-10 | WEAP - Cultural Considerations                           | Implement CRMMP when within 30meters of these sites   | Jessica Auch   | Ongoing                                     |                   |                |                                     |                           |                           |                   |                           |
| 332 | CEC    | x       |       |     | CUL-10 | WEAP - Cultural Considerations                           | Notify CPM that data recovery for small site has begun.   | Jessica Auch   | > 15d pt data recovery                      |                   | 1-Jan-11       | 21-Dec-10                           | NA                        |                           |                   |                           |
| 332 | CEC    | x       |       |     | CUL-10 | WEAP - Cultural Considerations                           | Notify CPM that data recovery for small site has begun.Phase II   | Jessica Auch   | > 15d pt data recovery                      |                   | 10-Mar-11      | 9-Mar-11                            | 3/28/2011                 |                           |                   |                           |
| 334 | CEC    | x       |       |     | CUL-10 | WEAP - Cultural Considerations                           | Notify CPM when data recovery is complete.  | Jessica Auch   | < 1w of data recovery completion            |                   |                | 1-Feb-11                            |                           |                           |                   |                           |

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| 334 | CEC    | x       |       |     | CUL-10 | WEAP - Cultural Considerations   | Notify CPM when data recovery is complete. Phase II   | Jessica Auch       | < 1w of data recovery completion |                   | 30-Mar-11                                  |                          |                  |                           |  |                           |
| 335 | CEC    |         | x     |     | CUL-11 | Data Recovery for Large sites  | Submit letter report of data recovery.  | Jessica Auch       | < 1w of data recovery completion |                   |  |                          |                  |                           |  |                           |
| 335 | CEC    |         | x     |     | CUL-11 | Data Recovery for Large sites  | Submit letter report of data recovery. Phase II   | Jessica Auch       | < 1w of data recovery completion |                   | 30-Mar-11                                  |                          |                  |                           |  |                           |
| 336 | CEC    |         | x     | x   | CUL-11 | Data Recovery for Large sites  | Submit to CPM any draft research paper to be presented at a professional organization.  | Jessica Auch       | > 15d pt presentation            |                   |  |                          |                  |                           |  |                           |
| 338 | CEC    | x       |       |     | CUL-11 | Data Recovery for Large sites  | Notify CPM of recovery at large sites.  | Jessica Auch       | > 45d pt gd at site              |                   | 2-Dec-10                                   | 21-Dec-10                | NA               |                           |  |                           |
| 340 | CEC    |         | x     |     | CUL-12 | Surface Collection with Sampling for site CA-RIV-9073  | Notify CMP of collection at CA-Riv-9072 is complete and PRIOR to CR gd in that location.  | Jessica Auch       | < 7d pt gd at site               |                   | 25-Apr-11                                  |                          |                  |                           |  |                           |
| 341 | CEC    | x       |       |     | CUL-12 | Surface Collection with Sampling for site CA-RIV-9074  | Notify CPM that collection at CA-Riv-9072 will commence.  | Jessica Auch       | > 15d pt data recovery           |                   | 1-Jan-11                                   | 9-Mar-11                 | 3/28/2011        |                           |  |                           |
| 343 | CEC    | x       |       |     | CUL-12 | Surface Collection with Sampling for site CA-RIV-9076  | Submit a preliminary letter report detailing finds at CA-Riv-9072. Can be included with report for CUL-11.  | Jessica Auch       |                                  |                   |  |                          |                  |                           |  |                           |
| 345 | CEC    | x       | x     |     | CUL-13 | Flag and Avoid   | CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072: avoid impacts to these sites.  | Jessica Auch       | pt gd within 30m of site         |                   | 16-Jan-11                                  |                          |                  |                           |  |                           |
| 346 | CEC    | x       | x     |     | CUL-13 | Flag and Avoid   | Inspect flagged buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072 monthly. Submit compliance documentation in the Monthly Compliance Report.                         | Jessica Auch       | Monthly                          |                   | 16-Jan-11                                  |                          |                  |                           |  |                           |
| 346 | CEC    | x       | x     |     | CUL-13 | Flag and Avoid   | Flag buffer zone around sites CA-Riv-0260, CA-Riv-0663, and CA-Riv-9072.  | Jessica Auch       | pt gd at site                    |                   | 1-May-11                                   |                          |                  |                           |  |                           |
| 347 | CEC    |         |       |     | CUL-14 |  | DELETED   | Jessica Auch       |                                  |                   |  |                          |                  |                           |  |                           |
| 348 | CEC    |         |       |     | CUL-15 |  | DELETED   | Jessica Auch       |                                  |                   |  |                          |                  |                           |  |                           |
| 349 | CEC    | x       |       |     | CUL-16 | Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources                      | Submit results of Native American consultation.   | Jessica Auch       | > 15d pt construction            |                   | 1-Jan-11                                   |                          |                  |                           | Requires response from BLM consultation. Pending.  |                           |
| 350 | CEC    | x       |       |     | CUL-16 | Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources                      | Notify CPM of consultation.   | Jessica Auch       | > 30d pt construction            |                   | 17-Dec-10                                  | 12-Dec-10                | NA               |                           |  |                           |
| 350 | CEC    | x       |       |     | CUL-16 | Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources                      | Documentation that security gate/guard is in place.   | Jessica Auch       | pt grading                       |                   | 1-May-11                                   |                          |                  |                           |  |                           |
| 351 | CEC    | x       |       |     | CUL-16 | Native American Assessment of Impacts and Mitigation Recommendations for Ethnographic Resources                      | Consult with Native American representatives regarding to the McCoy Spring National Register Archaeological District and sites CA-Riv-0523, CA-Riv-3149, CA-Riv-4569, and CA-Riv-4699 | Jessica Auch       | pt construction                  |                   | Ongoing through CEC specialist under CUL-1 | Ongoing                  |                  |                           | Confirm with Chris/Bev and Beth that this condition is being met by the work being conducted by Dr. Lowell Bean (hired under CUL-1) to interview Native Americans. |                           |
| 352 | CEC    | x       |       |     | CUL-17 | Historic Period Site Mapping and In-Field Artifact Analysis  | Include in CRMMP a data recovery plan for the historic-period archaeological resources.   | Jessica Auch       | pt gd                            |                   | 16-Jan-11                                  | 1-Mar-11                 | Pending          |                           |  |                           |
| 353 | CEC    | x       |       |     | CUL-17 | Historic Period Site Mapping and In-Field Artifact Analysis  | Submit to CPM letter report that data recovery is complete.   | Jessica Auch       | < 7d of data recovery completion |                   |  | 2/1/2011<br>2/11/11      | Approved 2/14/11 |                           |  |                           |
| 354 | CEC    | x       | x     |     | CUL-17 | Historic Period Site Mapping and In-Field Artifact Analysis  | Implement CRMMP within 30 meters of these sites.  | Jessica Auch       | Ongoing                          |                   |  |                          |                  |                           |  |                           |
| 355 | CEC    | x       | x     |     | CUL-17 | Historic Period Site Mapping and In-Field Artifact Analysis  | Notify CPM that historic-period site mapping and in-field artifact analysis will commence.  | Jessica Auch       | > 15d pt gd within 30m of site   |                   |  | 17-Jan-11                |                  |                           |  |                           |
| 355 | CEC    | x       | x     |     | CUL-17 | Historic Period Site Mapping and In-Field Artifact Analysis  | Notify CPM that historic-period site mapping and in-field artifact analysis will commence. Ph II  | Jessica Auch       | > 15d pt gd within 30m of site   |                   |  | 9-Mar-11                 | 3/28/2011        |                           |  |                           |
| 356 | CEC    |         | x     |     | CUL-18 | Compliance with BLN Programmatic Agreement   | Comply with BLM Programmatic Agreement.   | Jessica Auch       | Ongoing                          |                   |  |                          |                  |                           |  |                           |
| 357 | CEC    |         | x     | x   | HAZ-1  | Hazardous Materials list of approved substances  | Do not use hazmats not listed, or in quantities listed in App A.  | Fluor / Operations | Ongoing                          |                   |  |                          |                  |                           |  |                           |
| 358 | CEC    |         |       | x   | HAZ-1  | Hazardous Materials list of approved substances  | Submit a list of haz mats contained at the facility in the Annual Compliance Report.  | Fluor / Operations | Annually                         |                   |  |                          |                  |                           |  |                           |
| 359 | CEC    |         | x     |     | HAZ-2  | Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan | Submit a final Hazardous Materials Business Plan.   | Fluor              | > 60d pt receipt of hazmat       |                   | 1-Jul-12                                   |                          |                  |                           | assumed receipt June 2   |                           |

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|-----|--------|---------|-------|-----|-----------------|--|--|--------------------|---|-------------------|----------------|-----------------------------|-------------------|---------------------------|---|---------------------------|
| 359 | CEC    |         | x     |     | HAZ-2           | Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan | Submit a final Spill Prevention, Control, and Countermeasure Plan.   | Mosley             | > 60d pt receipt of hazmat              |                   | 2-Jul-12       |                             |                   |                           | assumed receipt June 2                                |                           |
| 359 | CEC    |         | x     |     | HAZ-2           | Hazardous Materials Business Plan, Spill Prevention, Control and Countermeasure Plan, Process Safety Management Plan | Submit a final Process Safety Management Plan.   | Fluor              | > 60d pt receipt of hazmat              |                   | 3-Jul-12       |                             |                   |                           | assumed receipt June 2                                |                           |
| 360 | CEC    |         | x     |     | HAZ-3           | Safety Management Plan for Hazardous Material  | Submit a Safety Management Plan.   | Fluor              | > 60d pt receipt of hazmat              |                   | 1-Apr-11       |                             |                   |                           | assumed receipt June 2                                |                           |
| 361 | CEC    |         | x     | x   | HAZ-3           | Safety Management Plan for Hazardous Material  | Implement Safety Management Plan.  | Fluor / Operations | Ongoing                                 |                   |                |                             |                   |                           |   |                           |
| 362 | CEC    |         | x     |     | HAZ-4           | HTF pipe system isolation valves   | Submit design drawings showing the number, location, and type of HTF isolation valves.   | Fluor              | > 30d pt const. of solar array          |                   | 31-Aug-11      |                             |                   |                           |   |                           |
| 363 | CEC    | x       |       |     | HAZ-5           | Construction Site Security Plan  | Submit a Construction Security Plan Verification.  | Fluor              | > 30d pt construction                   |                   | 17-Dec-10      | 2-Dec-10                    | Approved 12/10/10 |                           |   |                           |
| 364 | CEC    |         |       | x   | HAZ-6           | Operations Site Security Plan  | Submit statement confirming all employee background checks are complete and appended to Security Plan as part of the Annual Compliance Report. | Fluor / Operations | Annually                                |                   |                |                             |                   |                           |   |                           |
| 365 | CEC    |         | x     |     | HAZ-6           | Operations Site Security Plan  | Submit a Operations Site Security Plan.  | Fluor              | > 30d pt receipt of hazmat              |                   | 13-Jan-13      |                             |                   |                           |   |                           |
| 366 | CEC    |         |       | x   | HAZ-6           | Operations Site Security Plan  | Submit verification Security Plan includes all current hazmat transport vendor certifications as part of the Annual Compliance Report.         | Fluor / Operations | Annually                                |                   |                |                             |                   |                           |   |                           |
| 367 | CEC    |         | x     |     | Public Health-1 | Cooling Water Management Plan  | Submit a Cooling Water Management Plan.  | Fluor              | > 60d pt cooling tower operation        |                   |                |                             |                   |                           |   |                           |
| 368 | CEC    | x       |       |     | NOISE-1         | Resident Notification- Pre-construction  | Notify residents within 2 miles of the site and 0.5 mile of linears of start of construction. (Include phone # for noise complaints)           | Fluor              | > 15d pt gd                             |                   | 1-Jan-11       | 14-Jan-11                   |                   |                           |   |                           |
| 369 | CEC    |         | x     | x   | NOISE-1         | Resident Notification- Pre-construction  | Maintain telephone number for noise complaints until facility is operational for one year.   | Fluor / Operations | 1yr                                     |                   |                |                             |                   |                           |   |                           |
| 370 | CEC    |         | x     |     | NOISE-1         | Resident Notification- Pre-construction  | Post telephone number for noise complaints at the site during construction, visible to passersby.  | Fluor              | Ongoing                                 |                   |                |                             |                   |                           | within 6 miles of the nearest neighbor. No neighbors. |                           |
| 371 | CEC    | x       |       |     | NOISE-1         | Resident Notification- Pre-construction  | Submit statement and documentation of compliance to CPM.   | Fluor              | pt gd                                   |                   | 16-Jan-11      | 14-Jan-11                   |                   |                           |   |                           |
| 372 | CEC    |         | x     | x   | NOISE-2         | Noise Complaint Process  | Document, investigate, evaluate, and attempt to resolve all project-related noise complaints.  | Fluor / Operations | Ongoing                                 |                   |                |                             |                   |                           |   |                           |
| 373 | CEC    |         | x     | x   | NOISE-2         | Noise Complaint Process  | Contact individual making complaint.   | Fluor / Operations | < 24hr of receipt                       |                   |                |                             |                   |                           |   |                           |
| 374 | CEC    |         | x     | x   | NOISE-2         | Noise Complaint Process  | Submit the Noise Complaint Resolution Form.  | Fluor / Operations | < 5d of receipt                         |                   |                |                             |                   |                           |   |                           |
| 375 | CEC    |         | x     | x   | NOISE-3         | Noise Control Program  | Make the Program available to OSHA upon request.   | Fluor / Operations | Ongoing                                 |                   |                |                             |                   |                           |   |                           |
| 376 | CEC    | x       |       |     | NOISE-3         | Noise Control Program  | Submit a Noise Control Program and a statement of commitment.  | Fluor              | > 30d pt gd                             |                   | 17-Dec-10      | 30-Nov-10                   | Approved 12/20/10 |                           |   |                           |
| 377 | CEC    |         |       | x   | NOISE-4         | Occupational Noise Survey  | Conduct an occupational noise survey.  | Operations         | following first sustained output of 90% |                   |                |                             |                   |                           |   |                           |
| 378 | CEC    |         |       | x   | NOISE-4         | Occupational Noise Survey  | Make the report available to OSHA and Cal/OSHA upon request.   | Operations         | Ongoing                                 |                   |                |                             |                   |                           |   |                           |
| 379 | CEC    |         |       | x   | NOISE-4         | Occupational Noise Survey  | Submit report of survey findings.  | Operations         | < 30d after test                        |                   |                |                             |                   |                           |   |                           |
| 380 | CEC    | x       |       |     | Soil & Water-1  | Drainage Erosion and Sedimentation Control Plan  | Submit final Drainage Erosion and Sedimentation Control Plan. Phase II   | Fluor              | > 30d pt site mobilization              |                   | 2-Apr-11       | Prelim 3/9/11 Draft 3/22/11 |                   |                           |   |                           |
| 380 | CEC    | x       |       |     | Soil & Water-1  | Drainage Erosion and Sedimentation Control Plan  | Submit final Drainage Erosion and Sedimentation Control Plan. PHASE I  | Fluor              | > 30d pt site mobilization              |                   | 22-Dec-10      | 27-Dec-10                   | Approved 1/21/11  |                           |   |                           |
| 381 | CEC    | x       | x     |     | Soil & Water-1  | Drainage Erosion and Sedimentation Control Plan  | Submit compliance documentation in the Monthly Compliance Report.  | Fluor              | Monthly                                 |                   |                |                             |                   |                           |   |                           |
| 382 | CEC    |         |       | x   | Soil & Water-1  | Drainage Erosion and Sedimentation Control Plan  | Submit results of monitoring and maintenance activities in Annual Compliance Report.   | Fluor / Operations | Annually                                |                   |                |                             |                   |                           |   |                           |
| 383 | CEC    |         | x     | x   | Soil & Water-1  | Drainage Erosion and Sedimentation Control Plan  | Update and maintain the DESCP for the life of the Project.   | Fluor / Operations | Ongoing                                 |                   |                |                             |                   |                           |   |                           |
| 384 | CEC    |         |       | x   | Soil & Water-2  | GW Level Monitoring, Mitigation and Reporting  | Submit documentation of mitigation to well owners.   | Worley Parsons     | < 60d after start of operation          |                   | 29-Jun-13      |                             |                   |                           |   |                           |

| #   | Agency | Pre-con | Const | ops | COC            | Title   | Description   | Responsibility              | COC Verification                           | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status     | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
|-----|--------|---------|-------|-----|----------------|---|---|-----------------------------|--|-------------------|----------------|--------------------------|-------------------|---------------------------|-------------------|---------------------------|
| 385 | CEC    | x       | x     |     | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Map groundwater levels within the CVGB within 10 miles of the site. Update trend plots and statistical analyses, as data is available.  | Worley Parsons              | Ongoing                                    |                   |                |                          |                   |                           |                   |                           |
| 386 | CEC    |         | x     |     | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Collect water from wells, seeps and springs quarterly and at the end of the construction. Submit report on water samples, including all calculations and assumptions quarterly. | Worley Parsons              | < 30d following quarter end                |                   | 30-Apr-11      |                          |                   |                           |                   |                           |
| 387 | CEC    |         | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Submit documentation of monetary compensation to well owners.   | NextEra                     | < 30d of payment                           |                   |                |                          |                   |                           |                   |                           |
| 388 | CEC    |         | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | If GW levels are lowered >5ft due to Project pumping, provide compensation or mitigation to well owners.  | NextEra                     | Ongoing                                    |                   |                |                          |                   |                           |                   |                           |
| 389 | CEC    |         | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Monitor quarterly operational parameters (i.e., pumping rate) of the water supply wells.  | Worley Parsons              | quarterly                                  |                   |                |                          |                   |                           |                   |                           |
| 390 | CEC    |         |       | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Submit a 5 year monitoring report.  | Operations                  | 5ys after start of operation               |                   |                |                          |                   |                           |                   |                           |
| 391 | CEC    | x       |       |     | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Send notices to all owners and conduct a well reconnaissance within 2 miles of the project.   | Worley Parsons              |  |                   |                | completed                |                   |                           |                   |                           |
| 392 | CEC    |         | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Fourth quarterly report serves as annual report. Include trend analysis. Determine where pumping has caused drawdown >5ft below baseline.                                       | Worley Parsons / Operations | Jan-31 Annually                            |                   |                |                          |                   |                           |                   |                           |
| 393 | CEC    |         | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | If required, compensate landowners by March 31.   | NextEra                     | Mar-31 Annually                            |                   |                |                          |                   |                           |                   |                           |
| 394 | CEC    |         | x     |     | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Notify owners within one month of CPM approving compensation analysis.  | Worley Parsons              | < 1m CPM approval of comp. analysis        |                   |                |                          |                   |                           |                   |                           |
| 395 | CEC    |         | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | If GW levels are lowered and pumps exposed, reimburse well owner to lower pumps. If pumps cannot be lowered, deepen the well(s) or construct new ones.                          | NextEra                     | Ongoing                                    |                   |                |                          |                   |                           |                   |                           |
| 396 | CEC    |         | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Collect water level measurements semi-annually after the first year.  | Worley Parsons / Operations | semi-annually after first yr of monitoring |                   | 17-Jan-12      |                          |                   |                           |                   |                           |
| 397 | CEC    | x       | x     | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Submit monitoring reports, complaints, studies and data.  | Worley Parsons / Operations | < 10d of receipt                           |                   |                |                          |                   |                           |                   |                           |
| 398 | CEC    | x       |       |     | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Monitor wells, seeps and springs to establish preconstruction conditions.   | Worley Parsons              |  |                   | 17-Dec-10      | completed                |                   |                           |                   |                           |
| 399 | CEC    | x       |       |     | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Submit report of all pre-construction items, including calculations and assumptions.  | Worley Parsons              | > 30d pt construction                      |                   | 17-Dec-10      |                          |                   |                           |                   |                           |
| 400 | CEC    |         |       | x   | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | CPM to evaluate GW level monitoring program for necessity or modification every 5 years.  | CPM                         | 5yrs                                       |                   |                |                          |                   |                           |                   |                           |
| 401 | CEC    | x       |       |     | Soil & Water-2 | GW Level Monitoring, Mitigation and Reporting | Submit a Groundwater Level Monitoring and Reporting Plan to the CPM for review and approval.  | Worley Parsons              | > 30d pt construction                      |                   | 17-Dec-10      | 3-Dec-10                 | Approved 12/21/10 |                           |                   |                           |
| 402 | CEC    |         | x     |     | Soil & Water-3 | Groundwater Well Impact Compensation          | Notify all owners of the impacted wells within one month of the CPM approval of the compensation analysis for increase energy costs.  | Worley Parsons              | < 1m CPM approval of comp. analysis        |                   |                |                          |                   |                           |                   |                           |
| 403 | CEC    |         | x     |     | Soil & Water-3 | Groundwater Well Impact Compensation          | Submit all calculations, calculation agreement letters signed by the well owners, and contact information for landowners that do not agree with calculations.                   | Worley Parsons              | Ongoing                                    |                   |                |                          |                   |                           |                   |                           |
| 404 | CEC    |         | x     |     | Soil & Water-3 | Groundwater Well Impact Compensation          | Submit all documentation and calculations r.e. compensation for energy costs associated with additional lift requirements.  | Worley Parsons              | < 30d after approval                       |                   |                |                          |                   |                           |                   |                           |
| 405 | CEC    |         | x     | x   | Soil & Water-3 | Groundwater Well Impact Compensation          | Provide compensation by March 31 of each year. (one time for lump sum payments).  | NextEra                     | Mar-31 Annually                            |                   |                |                          |                   |                           |                   |                           |
| 406 | CEC    |         | x     | x   | Soil & Water-3 | Groundwater Well Impact Compensation          | Submit a report of compensation provided for increased energy costs.  | NextEra                     | < 30d of payment                           |                   |                |                          |                   |                           |                   |                           |
| 407 | CEC    |         | x     | x   | Soil & Water-4 | Project GW Wells, Pre-Well Installation       | Submit to CPM two copies of all operational reports required by the County of Riverside and any changes to operations of well.  | Operations                  | Ongoing                                    |                   |                |                          |                   |                           |                   |                           |

| #   | Agency | Pre-con | Const | ops | COC             | Title  | Description   | Responsibility     | COC Verification                   | Internal Due Date | Date Final Due | Date Submitted to Agency       | Agency Status | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
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| 408 | CEC    | x       | x     |     | Soil & Water-4  | Project GW Wells, Pre-Well Installation                  | Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and the water well permit program                         | Fluor              | > 30d pt construction of GW well   |                   | 1-Apr-11       |                                |               |                           |                   |                           |
| 409 | CEC    |         | x     |     | Soil & Water-4  | Project GW Wells, Pre-Well Installation                  | Submit documentation that drilling was conducted in compliance with 23 CCR, sections 2510 et seq.   | Fluor              | < 15d after GW well completion     |                   | 16-Jul-11      |                                |               |                           |                   |                           |
| 410 | CEC    |         | x     |     | Soil & Water-4  | Project GW Wells, Pre-Well Installation                  | Submit two copies of any proposed well permit changes.  | Fluor              | < 10d of submittal or receipt      |                   |                |                                |               |                           |                   |                           |
| 411 | CEC    |         | x     |     | Soil & Water-4  | Project GW Wells, Pre-Well Installation                  | Submit a Well Completion Report. Concurrently, submit a copy of well drilling logs, water quality analyses, and any inspection reports.   | Fluor              | < 60d after GW well construction   |                   | 29-Aug-11      |                                |               |                           |                   |                           |
| 412 | CEC    | x       | x     |     | Soil & Water-4  | Project GW Wells, Pre-Well Installation                  | Submit to CPM a copy of the water well construction packet submitted to the County of Riverside.  | Fluor              | > 60d pt construction of GW well   |                   | 2-Mar-11       | 31-Mar-11                      |               |                           |                   |                           |
| 413 | CEC    |         | x     |     | Soil & Water-5  | Construction and Operation Water Use                     | Submit a semi-annual report of construction water use.  | Fluor              | semi-annually                      |                   | 30-Jun-11      |                                |               |                           |                   |                           |
| 414 | CEC    |         | x     | x   | Soil & Water-5  | Construction and Operation Water Use                     | Submit an annual report of water usage (g/month and total).   | Fluor / Operations | Annually                           |                   |                |                                |               |                           |                   |                           |
| 415 | CEC    |         | x     |     | Soil & Water-5  | Construction and Operation Water Use                     | GW use during construction must not exceed an annual average of 1,368 afy.  | Fluor              | Ongoing                            |                   |                |                                |               |                           |                   |                           |
| 416 | CEC    |         |       | x   | Soil & Water-5  | Construction and Operation Water Use                     | GW use during operations must not exceed 202 afy  | Operations         | Ongoing                            |                   |                |                                |               |                           |                   |                           |
| 417 | CEC    | x       |       |     | Soil & Water-5  | Construction and Operation Water Use                     | Install and maintain metering devices as part of the water supply and distribution system (gpd and total). Submit compliance documentation.   | Fluor              | > 30d pt construction              |                   | 17-Dec-10      | 31-Jan-11                      |               |                           |                   |                           |
| 418 | CEC    |         | x     | x   | Soil & Water-6  | Waste Discharge Requirements                             | Submit compliance documentation for the WDRs in Appendices B, C, and D.   | Worley Parsons     | < 60d pt waste discharge           |                   | 2-Mar-13       |                                |               |                           |                   |                           |
| 419 | CEC    |         | x     | x   | Soil & Water-6  | Waste Discharge Requirements                             | Submit annual waste discharge permit fee associated with this facility to the Water Boards  | Worley Parsons     |                                    |                   |                |                                |               |                           |                   |                           |
| 419 | CEC    |         | x     | x   | Soil & Water-6  | Waste Discharge Requirements                             | Submit (for rev and approve) any change to the design, construction, or operation of the evaporation basins, treatment units, or associated storm water system pt initiating changes. | Worley Parsons     | pt initiating changes              |                   |                |                                |               |                           |                   |                           |
| 420 | CEC    |         | x     | x   | Soil & Water-6  | Waste Discharge Requirements                             | Submit all monitoring reports required by the WDRs and details of any nonconformance.   | Worley Parsons     | Ongoing                            |                   |                |                                |               |                           |                   |                           |
| 421 | CEC    |         |       | x   | Soil & Water-7  | Septic System and Leach Field Reqs                       | Comply with County and State reqs for sanitary waste disposal facilities.   | Operations         | Ongoing                            |                   |                |                                |               |                           |                   |                           |
| 422 | CEC    |         | x     |     | Soil & Water-7  | Septic System and Leach Field Reqs                       | Submit engineering report on the septic system and leach field design, operation, maintenance, and loading impact to groundwater to County. Submit County's assessment of compliance. | Fluor              | > 30d pt start of operations       |                   | 31-Mar-13      |                                |               |                           |                   |                           |
| 423 | CEC    | x       |       |     | Soil & Water-8  | Revised Project Drainage Report and Plans                | Submit a Revised Project Drainage Report with the 30 percent Grading and Drainage Plans.  | Fluor              | > 60d pt site mobilization (plant) |                   | 2-Apr-11       | Prelim 3/9/11<br>Draft 3/22/11 |               |                           |                   |                           |
| 424 | CEC    |         | x     |     | Soil & Water-9  | Detailed FLO-2D Analysis                                 | Submit a detailed FLO-2D analysis with the 30 percent Grading and Drainage Plans and revised Project Drainage Report.   | Fluor              | > 60d pt site mobilization (plant) |                   | 2-Apr-11       | Prelim 3/9/11<br>Draft 3/22/11 |               |                           |                   |                           |
| 425 | CEC    |         | x     |     | Soil & Water-10 | Collector and Conveyance Channel Compliance with RCFCWCD | Submit two copies of the 30 percent channel design drawings.  | Fluor              | > 60d pt site mobilization (plant) |                   | 2-Apr-11       | Prelim 3/9/11                  |               |                           |                   |                           |
| 426 | CEC    |         | x     |     | Soil & Water-11 | Channel Erosion Protection                               | Incorporate channel erosion protection methods (except "I" ) in the Grading and Drainage Plans and all submittals required in SOIL&WATER-8 through SOIL&WATER-10.                     | Fluor              | > 60d pt site mobilization (plant) |                   | 2-Mar-11       | Prelim 3/9/11                  |               |                           |                   |                           |
| 427 | CEC    |         | x     |     | Soil & Water-12 | Non-Transient Non-Community Water System                 | Obtain a permit to operate a non-transient, non-community water system with the County Public Water   | Fluor              | > 60d pt operation                 |                   | 1-Mar-13       |                                |               |                           |                   |                           |
| 428 | CEC    |         |       | x   | Soil & Water-12 | Non-Transient Non-Community Water System                 | Designate a CA Cert'd Water Treatment Plant Operator as well as the technical, managerial and financial requirements as prescribed by State law.                                      | Operations         |                                    |                   |                |                                |               |                           |                   |                           |
| 429 | CEC    |         |       | x   | Soil & Water-12 | Non-Transient Non-Community Water System                 | Submit updates annually for all monitoring requirements and submittals to County related to the permit, and proof of annual   | Operations         | Annually                           |                   |                |                                |               |                           |                   |                           |
| 430 | CEC    |         | x     | x   | Soil & Water-13 | Channel Maintenance Program                              | Supervise the implementation of a Channel Maintenance Program.  | Fluor / Operations | Ongoing                            |                   |                |                                |               |                           |                   |                           |

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| 431 | CEC    |         | x     |     | Soil & Water-13 | Channel Maintenance Program                                      | Ensure the Project Construction Manager receive training on the Channel Maintenance Program.   | Fluor              | Ongoing                                    |                   |                |                                       |                                    |                           |   |                           |
| 432 | CEC    |         | x     |     | Soil & Water-13 | Channel Maintenance Program                                      | Submit two copies a Channel Maintenance Program.   | Fluor              | > 60d pt start of project related activity |                   | 2-Mar-11       |                                       |                                    |                           |   |                           |
| 433 | CEC    |         |       | x   | Soil & Water-13 | Channel Maintenance Program                                      | Submit a Channel Maintenance Program Annual Report, Channel Maintenance Work Plan, and Lessons Learned with the Annual Compliance Report.                | Operations         | Annually                                   |                   |                |                                       |                                    |                           |   |                           |
| 434 | CEC    | x       |       |     | Soil & Water-13 | Channel Maintenance Program                                      | Submit written commitment to adopt and implement the Program.  | Fluor              | > 60d pt start of project related activity |                   | 2-Mar-11       |                                       |                                    |                           |   |                           |
| 435 | CEC    | x       |       |     | Soil & Water-14 | Decommissioning and Closure Plan - Water and Wind Considerations | Submit Decommissioning Plans.  | Worley Parsons     | > 60d pt site mobilization                 |                   | 17-Nov-10      | 22-Oct-10                             | Approved 10/29/10                  |                           |   |                           |
| 436 | CEC    |         |       | x   | Soil & Water-14 | Decommissioning and Closure Plan - Water and Wind Considerations | Submit amended Decommissioning Plans should the decommissioning scenario change in the future.   | Operations         | Ongoing                                    |                   |                |                                       |                                    |                           |   |                           |
| 437 | CEC    |         | x     | x   | Soil & Water-15 | Colorado River Flow Mitigation, Water Supply Plan                | Implement Water Supply Plan mitigation measures.   | Jeff Harvey        | Ongoing                                    |                   |                |                                       |                                    |                           |   |                           |
| 438 | CEC    | x       |       |     | Soil & Water-15 | Colorado River Flow Mitigation, Water Supply Plan                | Submit a Water Supply Plan.  | Jeff Harvey        | > 30d pt GW extraction for const.          |                   | 17-Dec-10      | 12/3/2010 resub. 2/1/11               | Pending - Comments received 1/4/11 |                           | will be submitted mid march   |                           |
| 439 | CEC    |         |       | x   | Soil & Water-16 | Groundwater Production Monitoring                                | File an annual "Notice of Extraction and Diversion of Water" with the SWRCB. Include a copy of the Notice in the Annual Compliance Report.               | Fluor / Operations | Annually                                   |                   |                | 7/2/2012 to CEC 6/29/2012 to SWQRB    | No reply as of 7/2/12              |                           |   |                           |
| 440 | CEC    | x       |       |     | Soil & Water-17 | Ground Subsidence Monitoring and Action Plan                     | Submit the Ground Subsidence Monitoring and Action Plan.   | Worley Parsons     | > 30d pt GW extraction for const.          |                   | 17-Dec-10      | 8-Dec-10                              | Approved 12/23/10                  |                           |   |                           |
| 441 | CEC    |         | x     |     | Soil & Water-17 | Ground Subsidence Monitoring and Action Plan                     | Submit quarterly reports presenting data and comparison to thresholds beginning 3 months following GW production.  | Worley Parsons     | quarterly 3m after GW production           |                   |                |                                       |                                    |                           |   |                           |
| 442 | CEC    |         |       |     | Soil & Water-17 | Ground Subsidence Monitoring and Action Plan                     | Construct one monument monitoring station per production well or a minimum of three stations.  | Worley Parsons     | 1-Jul-11                                   |                   |                |                                       |                                    |                           |   |                           |
| 443 | CEC    |         |       | x   | Soil & Water-17 | Ground Subsidence Monitoring and Action Plan                     | Submit a 5-yr monitoring report summarizing findings to date.  | Operations         | 5yrs after GW production                   |                   |                |                                       |                                    |                           |   |                           |
| 445 | CEC    |         |       |     | Soil & Water-18 | Water Policy Compliance Water Supply Plan                        | DELETED  |                    |  |                   |                |                                       |                                    |                           |   |                           |
| 446 | CEC    | x       |       |     | Soil & Water-19 | Estimation of Impacts to PVMGB                                   | Submit a report detailing results of the PVMGB underflow depletion modeling effort.  | Worley Parsons     | < 30d pt site mobilization                 |                   | 15-Mar-11      | 19-Mar-11                             |                                    |                           |   |                           |
| 447 | CEC    | x       |       |     | Soil & Water-20 | Groundwater Quality Monitoring and Reporting Plan                | Submit a Groundwater Quality Monitoring and Reporting Plan > 6 weeks pt start of construction.   | Worley Parsons     | > 45d pt construction                      |                   | 2-Dec-10       | 27-Oct-10                             | Approved 12/21/10                  |                           |   |                           |
| 448 | CEC    |         | x     | x   | Soil & Water-20 | Groundwater Quality Monitoring and Reporting Plan                | Monitor GW quality and levels semi-annually and submit data semi-annually.   | Worley Parsons     | semi-annually                              |                   | 30-Jun-11      |                                       |                                    |                           |   |                           |
| 449 | CEC    | x       |       |     | Soil & Water-20 | Groundwater Quality Monitoring and Reporting Plan                | Submit a Well Monitoring Installation and Groundwater Quality Network Report.  | Worley Parsons     | > 30d pt construction                      |                   | 17-Dec-10      | 3-Dec-10                              | Approved 12/21/10                  |                           |   |                           |
| 450 | CEC    | x       |       |     | Soil & Water-20 | Groundwater Quality Monitoring and Reporting Plan                | Commence groundwater quality monitoring prior to construction.   | Worley Parsons     | pt construction                            |                   | 8-Dec-10       | completed                             |                                    |                           |   |                           |
| 451 | CEC    | x       |       |     | Soil & Water-20 | Groundwater Quality Monitoring and Reporting Plan                | Submit GW quality and level monitoring data.   | Worley Parsons     | > 30d pt GW extraction for const.          |                   | 17-Dec-10      | 3-Dec-10                              | NA                                 |                           |   |                           |
| 452 | CEC    | x       |       |     | TRANS-1         | Traffic Control Plan   | Submit copies of comment letters received from County and Caltrans and any associated changes to Traffic Plan.   | Fluor              | > 30d pt construction                      |                   | 17-Dec-10      | 16-Dec-10                             | NA                                 |                           | Tommy to follow up with CALTRANS and get their comments to CPM ASAP |                           |
| 453 | CEC    | x       |       |     | TRANS-1         | Traffic Control Plan   | Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County.   | Fluor              | > 60d pt gd                                |                   | 18-Nov-10      | 11/23/2010 resubmitted 1/6/11 1/14/11 | Approved 1/17/11                   |                           |   |                           |
| 453 | CEC    | x       |       |     | TRANS-1         | Traffic Control Plan   | Submit a Traffic Control Plan plus a copy of the transmittal letter to Caltran and County. Phase II  | Fluor              | > 60d pt gd                                |                   | 2-Mar-11       |                                       |                                    |                           | Is this needed for Ph II ?  |                           |
| 455 | CEC    | x       | x     |     | TRANS-2         | Vehicle Weight Limits  | Retain copies of transportation permits and supporting documentation on-site for inspection if requested.  | Fluor              |  |                   |                |                                       |                                    |                           |   |                           |
| 456 | CEC    | x       |       |     | TRANS-2         | Vehicle Weight Limits  | Obtain necessary overweight/oversized and other transportation permits required by Caltrans and the County. Report receipt of permits in Monthly Report. | Fluor              | pt site mobilization                       |                   | 1-May-11       |                                       |                                    |                           |   |                           |
| 457 | CEC    | x       | x     |     | TRANS-3         | Public ROW Encroachment  | Obtain necessary encroachment permits from Caltrans and all relevant jurisdictions. Report receipt of permits in Monthly Report.                         | Fluor              | monthly                                    |                   | 16-Jan-11      |                                       |                                    |                           |   |                           |

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| 458 | CEC    |         | x     | x   | TRANS-3 | Public ROW Encroachment  | Retain copies of encroachment permits onsite for inspection for at least six months after the start of commercial operation.                         | Operations     | > 6m after start of operation        |                   | 1-Jul-13       |                          |               |                           |                    |                           |
| 460 | CEC    |         |       | x   | TRANS-4 | Hazmat Transport Permits/Licenses                                | Retain copies of hazardous material transport permits onsite for inspection.   | Operations     | > 6m after start of operation        |                   | 1-Jul-13       |                          |               |                           |                    |                           |
| 462 | CEC    | x       | x     |     | TRANS-4 | Hazmat Transport Permits/Licenses                                | Obtain necessary hazardous material transport permits from Caltrans and all relevant jurisdictions. Report receipt in Monthly Report.                | Fluor          | pt gd                                |                   | 1-May-11       |                          |               |                           |                    |                           |
| 463 | CEC    | x       |       |     | TRANS-5 | Restoration of Public Roads, Easements, and ROWs                 | Submit photographs or video of all affected public roads, easements and ROWs.  | Fluor          | > 30d pt site mobilization           |                   | 17-Dec-10      | 21-Dec-10                | NA            |                           |                    |                           |
| 464 | CEC    | x       |       |     | TRANS-5 | Restoration of Public Roads, Easements, and ROWs                 | Notify the County and Caltrans of schedule for construction.   | Fluor          | pt site mobilization                 |                   | 16-Jan-11      | Completed 1/24/11        | NA            |                           |                    |                           |
| 465 | CEC    |         | x     | x   | TRANS-5 | Restoration of Public Roads, Easements, and ROWs                 | Restore all public roads, easements, and rights-of-way damaged due to project-related construction activities.                                       | Fluor          | Ongoing                              |                   |                |                          |               |                           |                    |                           |
| 466 | CEC    |         |       | x   | TRANS-5 | Restoration of Public Roads, Easements, and ROWs                 | Submit letter of ROW repair completion, including concurrence from Caltrans or the County.   | Fluor          |                                      |                   |                |                          |               |                           |                    |                           |
| 467 | CEC    |         |       | x   | TRANS-5 | Restoration of Public Roads, Easements, and ROWs                 | Meet with CPM, Caltrans and the County to identify sections of public ROW needing repair < 60d after construction. Establish a schedule for repairs. | Fluor          | < 60d after construction completion  |                   | 29-Aug-14      |                          |               |                           |                    |                           |
| 468 | CEC    |         | x     |     | TLSN-1  | Compliance with Cal Pub Utility Commissions (Tline)              | Construct Tline in accordance with CA PUC's req's, California Code of Regulations, and Southern California Edison's EMF reduction guidelines.        | Fluor          | Ongoing                              |                   |                |                          |               |                           |                    |                           |
| 469 | CEC    |         | x     |     | TLSN-1  | Compliance with Cal Pub Utility Commissions (Tline)              | Submit letter signed by CA registered electrical engineer affirming the Tlines will be constructed in accordance with the stated requirements.       | Fluor          | > 30d pt construction of Tline       |                   | 24-Jun-12      |                          |               |                           |                    |                           |
| 471 | CEC    |         |       | x   | TLSN-2  | Pre- and Post- Energization Measurements                         | Measure strengths of EMF after energization according to (ANSI/IEEE) standard procedures < 6months of start of operations.                           | Operations     | < 60d of test                        |                   |                |                          |               |                           |                    |                           |
| 471 | CEC    |         | x     | x   | TLSN-2  | Pre- and Post- Energization Measurements                         | Measure strengths of EMF before energization according to (ANSI/IEEE) standard procedures. Submit measurement report.                                | Operations     | < 60d of test                        |                   |                |                          |               |                           |                    |                           |
| 472 | CEC    |         |       | x   | TLSN-3  | Combustible Material Inspections                                 | Submit summary of inspection results and fire prevention activities in the Annual Compliance Report for the first 5 years of operation.              | Operations     | 5yrs Annually                        |                   |                |                          |               |                           |                    |                           |
| 473 | CEC    |         |       | x   | TLSN-3  | Combustible Material Inspections                                 | Maintain Tline ROW free of combustible material.   | Operations     | Ongoing                              |                   |                |                          |               |                           |                    |                           |
| 474 | CEC    |         | x     |     | TLSN-4  | Metallic Object Grounding in ROW                                 | Submit compliance documentation.   | Fluor          | > 30d pt energization                |                   | 2-Dec-12       |                          |               |                           |                    |                           |
| 475 | CEC    |         | x     |     | TLSN-4  | Metallic Object Grounding in ROW                                 | Ensure all permanent metallic objects within the Tline ROW are grounded.   | Fluor          | Ongoing                              |                   |                |                          |               |                           |                    |                           |
| 476 | CEC    | x       | x     |     | VIS-1   | Surface Treatment of Non-Mirror Project Structures and Buildings | Submit a Surface Treatment Plan.   | Fluor          | > 30d pt ordering                    |                   | 30-Jun-11      |                          |               |                           | ordering schedule? |                           |
| 477 | CEC    |         | x     | x   | VIS-1   | Surface Treatment of Non-Mirror Project Structures and Buildings | Notify CPM when surface treatment is complete and ready for inspection. Submit photographs of treated structures upon completion.                    | Fluor          | upon completion of installation      |                   |                |                          |               |                           |                    |                           |
| 478 | CEC    |         |       | x   | VIS-1   | Surface Treatment of Non-Mirror Project Structures and Buildings | Include a status report regarding surface maintenance in the Annual Compliance Report.   | Operations     | Annually                             |                   |                |                          |               |                           |                    |                           |
| 479 | CEC    |         | x     |     | VIS-2   | Temporary and Permanent Exterior Lighting                        | Submit a Lighting Mitigation Plan.   | Fluor          | > 60d pt ordering permanent lighting |                   | 30-Jun-11      |                          |               |                           | purchase schedule? |                           |
| 480 | CEC    |         | x     | x   | VIS-2   | Temporary and Permanent Exterior Lighting                        | Notify CPM of lighting complaint resolution/implementation.  | Fluor          | < 48hr of resolution                 |                   |                |                          |               |                           |                    |                           |
| 481 | CEC    |         | x     |     | VIS-2   | Temporary and Permanent Exterior Lighting                        | Notify CPM that permanent lighting is installed and ready for inspection.  | Fluor          | pt operation                         |                   | 30-Apr-13      |                          |               |                           |                    |                           |
| 482 | CEC    |         | x     |     | VIS-2   | Temporary and Permanent Exterior Lighting                        | If after inspection lighting modifications are needed, notify CPM that modifications are complete.   | Fluor          | < 30d after notification             |                   |                |                          |               |                           |                    |                           |
| 483 | CEC    |         | x     | x   | VIS-2   | Temporary and Permanent Exterior Lighting                        | Submit any received lighting complaints. Include proposal to resolve and schedule.   | Fluor          | < 48hr of complaint receipt          |                   |                |                          |               |                           |                    |                           |
| 484 | CEC    |         | x     | x   | VIS-2   | Temporary and Permanent Exterior Lighting                        | Submit a copy of complaint resolution report.  | Fluor          | < 30d of resolution                  |                   |                |                          |               |                           |                    |                           |

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| 485 | CEC    |         | x     |     | VIS-2    | Temporary and Permanent Exterior Lighting                                | Consult with CPM regarding documentation required in the Lighting Mitigation Plan.   | Fluor              | > 90d pt ordering permanent lighting   |                   | 30-Jun-11      |                          |                   |                           | ordering schedule?   |                           |
| 486 | CEC    |         | x     |     | VIS-2    | Temporary and Permanent Exterior Lighting                                | Consult with CPM regarding documentation required in the Lighting Mitigation Plan.   | Fluor              | > 30d pt ordering temp lighting        |                   | 1-Apr-11       |                          |                   |                           |  |                           |
| 487 | CEC    |         |       |     | VIS-3    | Tline setback from I-10  | DELETED  |                    |  |                   |                |                          |                   |                           |  |                           |
| 488 | CEC    |         | x     |     | VIS-4    | Reflective Glare Mitigation  | Construct perimeter chain link using dark or earth-toned opaque privacy slats of a minimum 8 feet in height.   | Fluor              | Ongoing                                |                   | 4-Jun-12       | Oct-11                   |                   |                           |  |                           |
| 489 | CEC    |         | x     | x   | VIS-4    | Reflective Glare Mitigation  | Submit copy of complaint glare resolution form.  | Fluor / Operations | < 30d of receipt                       |                   |                |                          |                   |                           |  |                           |
| 490 | CEC    |         | x     | x   | VIS-4    | Reflective Glare Mitigation  | Submit any glare complaints, including resolution and schedule.  | Fluor / Operations | < 48hr of complaint receipt            |                   |                |                          |                   |                           |  |                           |
| 491 | CEC    |         | x     | x   | VIS-4    | Reflective Glare Mitigation  | Notify CPM resolution/implementation for glare complaints.   | Fluor / Operations | < 48hr of resolution                   |                   |                |                          |                   |                           |  |                           |
| 492 | CEC    |         | x     |     | VIS-4    | Reflective Glare Mitigation  | Submit a fencing plan describing mitigation for off-site glare.  | Fluor              | > 90d pt fence construction            |                   | 2-Oct-11       |                          |                   |                           | assume Jan 1, 2012 for start of perm fence installation            |                           |
| 493 | CEC    |         | x     |     | VIS-5    | Visual Mitigation and Re-vegetation of Staging Area                      | Submit a revegetation plan for the staging area.   | Fluor              | > 60d pt operation                     |                   | 2-Mar-13       |                          |                   |                           |  |                           |
| 494 | CEC    | x       |       |     | VIS-5    | Visual Mitigation and Re-vegetation of Staging Area                      | Meet with CPM to discuss how staging area site plan will minimize visibility from rest area.   | Fluor              | > 90d pt construction                  |                   | 18-Oct-10      | 12/28/2010<br>1/14/11    | Approved 1.17.11  |                           |  |                           |
| 495 | CEC    | x       |       |     | VIS-6    | Reduction of Form, Line and Texture Contrast                             | Meet with the CPM to discuss incorporation of visual contrast reduction into the design plans.   | Fluor              | > 90d pt construction                  |                   | 18-Oct-10      | 12-Oct-10                | Approved 10/25/10 |                           |  |                           |
| 496 | CEC    |         | x     |     | WASTE-1  | Contaminated Soil Assessment and Remediation                             | If contaminated soil is found during construction, consult with Department of Toxic Substances Control, assess and remediate contamination in consultation with DTSC and with approval from CPM. | Fluor              | Ongoing                                |                   |                |                          |                   |                           |  |                           |
| 497 | CEC    | x       |       |     | WASTE-2  | PE or PG - Staff Assignment  | Submit resume for a PE or PG.  | NextEra            | > 30d pt site mobilization             |                   | 17-Dec-10      | 4-Nov-10                 | Approved 11/30/10 |                           |  |                           |
| 498 | CEC    |         | x     |     | WASTE-3  | Contaminated Soil Assessment and Remediation - PE or PG responsibilities | If potential contamination results in stop-work call by PE or PG, notify CPM within 24hrs.   | Fluor              | < 24hr after stop work                 |                   |                |                          |                   |                           |  |                           |
| 499 | CEC    |         | x     |     | WASTE-3  | Contaminated Soil Assessment and Remediation - PE or PG responsibilities | If potential contamination is identified, the PE or PG must inspect and submit report to agencies any need for sampling/remediation.   | Fluor              | < 5d of receipt                        |                   |                |                          |                   |                           |  |                           |
| 500 | CEC    | x       |       |     | WASTE-4  | Construction Waste Management Plan                                       | Submit a Construction Waste Management Plan.   | Fluor              | > 30d pt construction                  |                   | 17-Dec-10      | 2-Dec-10                 | Approved 12/16/10 |                           |  |                           |
| 501 | CEC    | x       |       |     | WASTE-5  | UXO Identification, Training and Reporting Plan                          | Submit a UXO Identification, Training and Reporting Plan.  | Tetra Tech         | > 30d pt construction                  |                   | 17-Dec-10      | 2-Dec-10                 | Approved 12/21/10 |                           |  |                           |
| 503 | CEC    |         | x     | x   | WASTE-6  | Haz Waste Generator Identification Number                                | Submit documentation of any new or revised hazardous waste generation notifications in the following Monthly Compliance Report.  | Fluor              | Monthly                                |                   | Monthly        |                          |                   |                           |  |                           |
| 505 | CEC    | x       | x     | x   | WASTE-6  | Haz Waste Generator Identification Number                                | Obtain a hazardous waste generator identification number from USEPA prior to generating any hazardous waste. Retain a copy onsite.   | Mosley/Jenny       | pt generating haz waste                |                   | 30-Apr-13      |                          |                   |                           | KD indicated this is only needed for operations. Not construction. |                           |
| 506 | CEC    |         | x     | x   | WASTE-7  | Waste Management-related Enforcement Action Notification                 | Notify CPM of an impending waste-management enforcement action and owners response/resolution.   | Fluor              | < 10d of notification from authorities |                   |                |                          |                   |                           |  |                           |
| 507 | CEC    |         |       |     | WASTE-8  | Reuse/Recycling Plan   | DELETED  |                    |  |                   |                |                          |                   |                           |  |                           |
| 508 | CEC    |         |       | x   | WASTE-9  | Operation Waste Management Plan  | Submit actual volume of waste generated and management methods used in each Annual Compliance Report.  | Mosley             | Annually                               |                   |                |                          |                   |                           |  |                           |
| 509 | CEC    |         | x     |     | WASTE-9  | Operation Waste Management Plan  | Submit the Operation Waste Management Plan.  | Fluor              | > 30d pt operation                     |                   | 31-Mar-13      |                          |                   |                           |  |                           |
| 510 | CEC    |         | x     |     | WASTE-9  | Operation Waste Management Plan  | Submit any required revisions of Ops Waste Plan.   | Fluor              | < 20d of notification from CPM         |                   |                |                          |                   |                           |  |                           |
| 511 | CEC    |         |       | x   | WASTE-9  | Operation Waste Management Plan  | Update Operations Waste Management Plan as necessary.  | Operations         | Ongoing                                |                   |                |                          |                   |                           |  |                           |
| 512 | CEC    |         |       | x   | WASTE-10 | HTF Contaminated Soil Hazard assessment                                  | Document all HTF releases. If > 42 gallons, notify agencies and provide analysis of results in accordance with WASTE-10.   | Operations         | < 28d of release date                  |                   |                |                          |                   |                           |  |                           |
| 512 | CEC    |         | x     | x   | WASTE-11 | HAZMAT Waste Release/Spill Documentation and Corrective Actions          | Submit release/spill documentation. If the release was reported, include agency communication.   | Fluor / Operations | < 30d of release date                  |                   |                |                          |                   |                           |  |                           |

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| 514 | CEC    |         | x     | x   | WASTE-11        | HAZMAT Waste Release/Spill Documentation and Corrective Actions | Document, clean up, and dispose of hazmat released > EPA's reportable quantities in accordance with federal, state, and local requirements.  | Fluor / Operations  | Ongoing                              |                   |                |  |                  |                           |                            |                           |
| 515 | CEC    | x       |       |     | Worker Safety-1 | Project Construction Safety and Health Program                  | Submit the Construction Emergency Action Plan and the Fire Prevention Plan to Riverside County Fire Department for review and comment prior to CPM submittal.  | Fluor/Tomey Pouncy  | pt CPM submittal                     |                   | 3-Dec-10       | completed                                  | Approved 1/14/11 |                           |                            |                           |
| 516 | CEC    | x       |       |     | Worker Safety-1 | Project Construction Safety and Health Program                  | Submit the Project Construction Safety and Health Program, to include Personal Protective Equipment Program; Exposure Monitoring Program; Injury and Illness Prevention Program; Heat Stress Protection Plan; Emergency Action Plan; and a Construction Fire Prevention Plan.  | Fluor               | > 30d pt construction                |                   | 17-Dec-10      | 12/16/2010<br>1/13/11                      | Approved 1/14/11 |                           |                            |                           |
| 517 | CEC    |         | x     | x   | Worker Safety-2 | Project Operations Safety and Health Program                    | Submit a Project Operations and Maintenance Safety and Health Program to include: Injury and Illness Prevention Plan; Operation Heat Stress Protection Plan; BMPs for the storage and application of herbicides; Emergency Action Plan; Hazardous Materials Management Program; Fire Prevention Plan; and Personal Protective Equipment Program. | Fluor/Mosley        | > 30d pt first fire or commissioning |                   | Aug. 12, 2012  |  |                  |                           | Submit draft to the agency |                           |
| 518 | CEC    |         | x     |     | Worker Safety-2 | Project Operations Safety and Health Program                    | Submit The Operations Fire Prevention Plan and the Emergency Action Plan to Riverside County Fire Department for review and comment.   | Mosley              | pt CPM submittal                     |                   | Aug. 12, 2012  |  |                  |                           |                            |                           |
| 519 | CEC    | x       |       |     | Worker Safety-3 | Construction Safety Supervisor - Staff Assignment               | Submit name and contact information for the Construction Safety Supervisor (CSS).  | Fluor               | > 30d pt site mobilization           |                   | 17-Dec-10      | 11/16/2010<br>1/11/10<br>1/18/11<br>4/4/11 | Complete 4/2011  |                           |                            |                           |
| 520 | CEC    | x       | x     |     | Worker Safety-4 | Construction Safety Supervisor - Staff Assignment               | CSS to include compliance documentation in Monthly Compliance Report.  | Fluor               | Monthly                              |                   |                |  |                  |                           |                            |                           |
| 521 | CEC    | x       |       |     | Worker Safety-4 | CBO Payments  | Submit verification of agreement with CBO for a Safety Monitor to CPM.   | NextEra             | > 60d pt construction                |                   | 17-Nov-10      | 3-Nov-10                                   | NA               |                           |                            |                           |
| 522 | CEC    | x       |       |     | Worker Safety-4 | CBO Payments  | Post payment to CBO for a Safety Monitor.  | NextEra             | TBD w CBO                            |                   | 1-Jan-11       | 14-Jan-11                                  |                  |                           |                            |                           |
| 523 | CEC    |         | x     | x   | Worker Safety-5 | Automatic External Defibrillator onsite                         | Install a portable automatic external defibrillator (AED) on site during construction and operations.  | Fluor / Operations  | Ongoing                              |                   | 1-May-11       |  |                  |                           |                            |                           |
| 524 | CEC    | x       | x     | x   | Worker Safety-5 | Automatic External Defibrillator onsite                         | Conduct AED training program in accordance with CPM-approved program.  | Fluor / Operations  | Ongoing                              |                   | 1-May-11       |  |                  |                           |                            |                           |
| 525 | CEC    | x       |       |     | Worker Safety-5 | Automatic External Defibrillator onsite                         | Submit verification that AED exists onsite and the training and maintenance program.   | Fluor               | > 60d pt site mobilization           |                   | 17-Nov-10      | 3-Nov-10                                   | Approved 1.14.11 |                           |                            |                           |
| 526 | CEC    |         | x     |     | Worker Safety-6 | Emergency Access Gate, Spur Road                                | Submit to the RCFD and CPM preliminary plans of location and details for a second access gate to the site.   | Fluor               | > 60d pt site mobilization (plant)   |                   | 2-Mar-11       |  |                  |                           |                            |                           |
| 527 | CEC    |         | x     |     | Worker Safety-6 | Emergency Access Gate, Spur Road                                | Submit revised and final plans for second access gate. Include letter or statement regarding comments from RCFD.   | Fluor               | > 30d pt site mobilization (plant)   |                   | 1-Apr-11       |  |                  |                           |                            |                           |
| 528 | CEC    |         | x     |     | Worker Safety-6 | Emergency Access Gate, Spur Road                                | Submit verification that all-terrain fire engines have been delivered and acceptable to RCFD. (see text for alternative measures requirements)   | Fluor/McCord        | > 180d pt receipt of HTF             |                   | 16-Jul-12      |  |                  |                           |                            |                           |
| 529 | CEC    | x       |       |     | Worker Safety-7 | Riv Co Fire Department, Capital and Operating Costs Funding     | Submit either: agreement with the RCFD re funding for capital costs for fire protection/response OR documentation that a letter of credit has been provided to the RCFD and will continue annually.  | NextEra             | > 30d pt site mobilization           |                   | 17-Dec-10      | 12/21/2010<br>1/12/11                      | NA               |                           |                            |                           |
| 530 | CEC    |         |       | x   | Worker Safety-7 | Riv Co Fire Department, Capital and Operating Costs Funding     | (if opted), provide letter of credit to RCFD annually.   | NextEra             | Annually                             |                   |                |  |                  |                           |                            |                           |
| 531 | CEC    | x       |       |     | Worker Safety-8 | Dust Control Plan   | Submit Dust Control Plan.  | Fluor w/ Tt support | > 60d pt site mobilization           |                   | 17-Nov-10      | 1-Nov-10                                   | Approved 1/13/11 |                           |                            |                           |
| 532 | CEC    |         |       | x   | Worker Safety-9 | Riv Co Fire Dept Joint Training Exercises                       | Include joint exercise training documentation with the RCFD and other solar plants in the annual compliance report.  | Operations          | pt start of commissioning Annually   |                   |                |  |                  |                           |                            |                           |
| 533 | CEC    |         | x     |     | Worker Safety-9 | Riv Co Fire Dept Joint Training Exercises                       | Submit verification that a joint training program with the RCFD is established.  | Operations          | > 10d pt commissioning               |                   | 20-Apr-13      |  |                  |                           |                            |                           |

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| 534 | CEC    |         |       | x   | Worker Safety-9 | Riv Co Fire Dept Joint Training Exercises                | Host the annual training on a rotating yearly basis with the other solar power plants.  | Operations     | Rotate annually               |                   |                |                          |                         |                           |                   |                           |
| 535 | CEC    |         | x     | x   | GEN-1           | 2007 Ca Buidling Standards Code Compliance               | Provide the CPM a copy of the certificate of occupancy (CO).  | BV/CPM         | < 30d of receipt              |                   |                |                          |                         |                           |                   |                           |
| 536 | CEC    |         | x     |     | GEN-1           | 2007 Ca Buidling Standards Code Compliance               | Once the CO issued, notify CPM pt any addition, alteration, moving, demolition, repair, or maintenance on any portion(s) of the completed facility subject to CBO approval. | BV/CPM         | > 30d pt activity             |                   |                |                          |                         |                           |                   |                           |
| 537 | CEC    |         | x     |     | GEN-1           | 2007 Ca Buidling Standards Code Compliance               | Submit a statement that all facility designs, construction, installation, and inspection requirements of the LORS and CEC's decision have been met.                         | Fluor          | < 30d after receipt of CO     |                   |                |                          |                         |                           |                   |                           |
| 538 | CEC    | x       | x     |     | GEN-2           | Facility Design Submittals to CBO and CPM                | Include updated schedule of facility design submittals, and master drawing and master specifications in the Monthly Compliance Report.                                      | Fluor          | Monthly                       |                   | 4-Dec-10       | 17-Nov-10                | NA                      |                           |                   |                           |
| 539 | CEC    | x       |       |     | GEN-2           | Facility Design Submittals to CBO and CPM                | Submit a schedule of facility design submittals, and master drawing and master specifications lists before submitting the initial engineering designs for CBO review.       | Fluor          | < 60d pt grading              |                   | 17-Nov-10      | 17-Nov-10                | Approved 12.20.10       |                           |                   |                           |
|     |        |         |       |     | Gen 2           |  | Revise list   | Fluor          |                               |                   |                |                          |                         |                           |                   |                           |
| 540 | CEC    | x       | x     | x   | GEN-3           | CBO Payments   | Submit payments to the CBO in accordance with the agreement between the project owner and the CBO.  | NextEra        | ongoing                       |                   |                |                          |                         |                           |                   |                           |
| 541 | CEC    | x       | x     | x   | GEN-3           | CBO Payments   | Submit a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.                              | NextEra        | < 30d Monthly                 |                   | 5-Jan-11       |                          |                         |                           |                   |                           |
| 542 | CEC    | x       |       |     | GEN-4           | Resident Engineer - Staff Assignment                     | Assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project.                                       | Fluor          | > 30d pt grading              |                   | 17-Dec-10      | 14-Jan-11                |                         |                           |                   |                           |
| 543 | CEC    | x       |       |     | GEN-4           | Resident Engineer - Staff Assignment                     | Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s).  | Fluor          | < 5d of approval              |                   | 8-Dec-10       | 30-Dec-10                | Approved 1/19/11        |                           |                   |                           |
| 544 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Submit resume of the soils (geotechnical) engineer.   | Fluor          | > 30d pt grading              |                   | 17-Dec-10      | 1-Dec-10                 | Approved                |                           |                   |                           |
| 545 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Notify CPM of CBO approval of soils (geotechnical) engineer.  | Fluor          | < 5d of approval              |                   | 8-Dec-10       | 30-Dec-10                | NA                      |                           |                   |                           |
| 546 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Submit resume of the civil engineer.  | Fluor          | > 30d pt grading              |                   | 17-Dec-10      | 1-Dec-10                 | Approved                |                           |                   |                           |
| 547 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Submit resume of the mechanical engineer.   | Fluor          | > 30d pt construction         |                   | 17-Dec-10      | 1-Dec-10                 | Approved                |                           |                   |                           |
| 548 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Submit resume of the engineering geologist.   | Fluor          | > 30d pt grading              |                   | 17-Dec-10      | 1-Dec-10                 | Approved                |                           |                   |                           |
| 549 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Notify CPM of CBO approval of civil eng assignment.   | Fluor          | < 5d of approval              |                   | 8-Dec-10       | 21-Dec-10                | NA                      |                           |                   |                           |
| 550 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Notify CPM of CBO approval of mech eng assignment.  | Fluor          | < 5d of approval              |                   | 8-Dec-10       | 21-Dec-10                | NA                      |                           |                   |                           |
| 551 | CEC    | x       |       |     | GEN-5           | Civil Engineer or Structural Engineer - Staff Assignment | Notify CPM of CBO approval of eng. geologist assignment.  | Fluor          | < 5d of approval              |                   | 8-Dec-10       | 21-Dec-10                | NA                      |                           |                   |                           |
| 552 | CEC    |         | x     |     | GEN-6           | Special Inspector(s) - Staff Assignment                  | Include a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.   | Fluor          | Monthly                       |                   |                |                          |                         |                           |                   |                           |
| 553 | CEC    |         | x     |     | GEN-6           | Special Inspector(s) - Staff Assignment                  | Notify the CPM of the CBO's approval of replacement inspector.  | Fluor          | < 5d of approval              |                   |                |                          |                         |                           |                   |                           |
| 554 | CEC    |         | x     |     | GEN-6           | Special Inspector(s) - Staff Assignment                  | If the special inspector is reassigned or replaced, submit resume of replacement to CBO.  | Fluor          | < 5d of replacement           |                   |                |                          |                         |                           |                   |                           |
| 555 | CEC    |         | x     |     | GEN-6           | Special Inspector(s) - Staff Assignment                  | Special inspectors submit inspection reports to the CBO and RE.   | Fluor          | Ongoing                       |                   |                |                          |                         |                           |                   |                           |
| 556 | CEC    |         | x     |     | GEN-6           | Special Inspector(s) - Staff Assignment                  | The special inspector shall submit a final signed report to the RE, CBO, and CPM, stating compliance status.  | Fluor          | after construction completion |                   | 30-Jun-14      |                          |                         |                           |                   |                           |
| 557 | CEC    |         | x     |     | GEN-6           | Special Inspector(s) - Staff Assignment                  | Submit resumes of special inspector(s).   | Fluor          | > 15d pt activity             |                   |                | 25-Feb-11                | approved by CBO 1/25/11 |                           |                   |                           |
| 558 | CEC    |         | x     |     | GEN-7           | Facility Design Discrepancy Documentation                | Submit a copy of the CBO's approval of corrective action taken to resolve a discrepancy in the next monthly compliance report.  | Fluor          | Monthly                       |                   | Monthly        |                          |                         |                           |                   |                           |
| 559 | CEC    |         | x     |     | GEN-7           | Facility Design Discrepancy Documentation                | If corrective action is not approved, advise CPM of the reason and the revised corrective action to obtain CBO's approval.  | Fluor          | < 5d after CBO disapproval    |                   |                |                          |                         |                           |                   |                           |

| #   | Agency | Pre-con | Const | ops | COC     | Title   | Description  | Responsibility | COC Verification                             | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status    | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
|-----|--------|---------|-------|-----|---------|---|--|----------------|--|-------------------|----------------|--------------------------|------------------|---------------------------|-------------------|---------------------------|
| 560 | CEC    |         | x     |     | GEN-7   | Facility Design Discrepancy Documentation   | Document and recommend corrective actions for any discrepancy in design and/or construction engineering work subject to CBO approval. Submit documentation to CBO for review and approval.   | Fluor          | Ongoing                                      |                   |                |                          |                  |                           |                   |                           |
| 561 | CEC    |         | x     |     | GEN-8   | As-builts, CBO Notification of Completion and Compliance                              | Retain one set of approved engineering plans, at the project site. Submit to the CPM a statement with location of stored documents.  | Fluor          |  |                   |                |                          |                  |                           |                   |                           |
| 562 | CEC    |         | x     |     | GEN-8   | As-builts, CBO Notification of Completion and Compliance                              | Submit to CBO statement of work completed, in conformance with plans and ready for inspection.   | Fluor          | < 15d after construction completion          |                   | 15-Jul-14      |                          |                  |                           |                   |                           |
| 563 | CEC    |         | x     |     | GEN-8   | As-builts, CBO Notification of Completion and Compliance                              | Submit a copy of statement of work completed to the CPM in the next monthly compliance report.   | Fluor          | Monthly                                      |                   |                |                          |                  |                           |                   |                           |
| 564 | CEC    |         |       | x   | GEN-8   | As-builts, CBO Notification of Completion and Compliance                              | Provide CBO with a full set of electronic plans.   | Fluor          | < 90d after construction completion          |                   | 28-Sep-14      |                          |                  |                           |                   |                           |
| 565 | CEC    |         | x     |     | GEN-8   | As-builts, CBO Notification of Completion and Compliance                              | Notify the CPM after obtaining the CBO's final approval of work completed.   | Fluor          | < 15d after construction completion          |                   | 15-Jul-14      |                          |                  |                           |                   |                           |
| 566 | CEC    | x       | x     |     | CIVIL-1 | CBO Submittals- Drainage and Grading, Statement of Submittal                          | Submit to the CBO: (Ph I)<br>1. Design of the proposed drainage structures and the grading plan;<br>2. An erosion and sedimentation control plan;<br>3. Related calculations and specifications;<br>4. Soils, geotechnical, or foundation investigations reports.  | Fluor          | > 15d pt grading                             |                   | 22-Dec-10      | 23-Dec-10                | Approved 1/21/11 |                           |                   |                           |
| 566 | CEC    | x       | x     |     | CIVIL-1 | CBO Submittals- Drainage and Grading, Statement of Submittal                          | Submit to the CBO: (PH II)<br>1. Design of the proposed drainage structures and the grading plan;<br>2. An erosion and sedimentation control plan;<br>3. Related calculations and specifications;<br>4. Soils, geotechnical, or foundation investigations reports. | Fluor          | > 15d pt grading                             |                   | 16-Apr-11      |                          |                  |                           |                   |                           |
| 567 | CEC    | x       |       |     | CIVIL-1 | CBO Submittals- Drainage and Grading, Statement of Submittal                          | Include CBO approval in following monthly compliance report.   | Fluor          | < 30d after approval                         |                   |                |                          |                  |                           |                   |                           |
| 568 | CEC    |         | x     |     | CIVIL-2 | RE Stop Work Authority and Notification   | Submit modified plans to the CBO for review and approval based on these new conditions.  | Fluor          | Ongoing                                      |                   |                |                          |                  |                           |                   |                           |
| 569 | CEC    |         | x     |     | CIVIL-2 | RE Stop Work Authority and Notification   | Submit CBO approval of modified plans to CPM.  | Fluor          | < 24hr of approval                           |                   |                |                          |                  |                           |                   |                           |
| 570 | CEC    |         | x     |     | CIVIL-2 | RE Stop Work Authority and Notification   | RE to stop earthwork if he/she identifies unforeseen adverse soil or geologic conditions. Notify CPM within 24 hrs.  | Fluor          | < 24hr of discovery                          |                   |                |                          |                  |                           |                   |                           |
| 571 | CEC    |         | x     |     | CIVIL-3 | CBO Inspection of 2007 CBC Compliance   | Include a list of NCRs in the following Monthly Compliance Report.   | Fluor          | Monthly                                      |                   | Monthly        |                          |                  |                           |                   |                           |
| 572 | CEC    |         | x     |     | CIVIL-3 | CBO Inspection of 2007 CBC Compliance   | Perform inspections in accordance with the 2007 CBC. Report any discrepancies immediately.   | Fluor          | Ongoing                                      |                   |                |                          |                  |                           |                   |                           |
| 573 | CEC    |         | x     |     | CIVIL-3 | CBO Inspection of 2007 CBC Compliance   | RE to submit a non conformance report (NCR) < 5d of discovery. Submit details of corrective action < 5d of resolution.   | Fluor          | < 5d of discovery                            |                   |                |                          |                  |                           |                   |                           |
| 574 | CEC    |         | x     |     | CIVIL-4 | Final Grading Plans - CBO submittal   | Submit a copy of the CBO's approval of grading plans to the CPM in the next monthly compliance report.   | Fluor          | < 30d after approval                         |                   |                |                          |                  |                           |                   |                           |
| 575 | CEC    |         | x     |     | CIVIL-4 | Final Grading Plans - CBO submittal   | After completion of finished grading and erosion and sedimentation   | Fluor          | < 30d completion of drainage work            |                   |                |                          |                  |                           |                   |                           |
| 576 | CEC    |         | x     |     | STRUC-1 | CBO Submittals - Major Structure or Facility design Component, Statement of Submittal | control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the  | Fluor          | < 30d after approval                         |                   |                |                          |                  |                           |                   |                           |
| 577 | CEC    |         | x     |     | STRUC-1 | CBO Submittals - Major Structure or Facility design Component, Statement of Submittal | approval of the final grading plans (including final changes) for the  | Fluor          | > 60d pt start of construction listed GEN-2. |                   | 2-Mar-11       |                          |                  |                           |                   |                           |
| 578 | CEC    |         | x     |     | STRUC-2 | CBO Submittal - Concrete, Welds, Other Structural Activities                          |  | Cody           | < 5d of NCR                                  |                   |                |                          |                  |                           |                   |                           |
| 579 | CEC    |         | x     |     | STRUC-2 | CBO Submittal - Concrete, Welds, Other Structural Activities                          |  | Cody           |  |                   |                |                          |                  |                           |                   |                           |
| 580 | CEC    |         | x     |     | STRUC-2 | CBO Submittal - Concrete, Welds, Other Structural Activities                          |  | Cody           | < 15d CBO response                           |                   |                |                          |                  |                           |                   |                           |

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| 581 | CEC    |         | x     |     | STRUC-2 | CBO Submittal - Concrete, Welds, Other Structural Activities                 | Submit a copy of the NCR corrective action to the CBO and the CPM.  | Fluor          | < 5d of resolution                               |                   |                |                          |               |                           |                   |                           |
| 582 | CEC    |         | x     |     | STRUC-3 | CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs               | Notify the CBO of any intended filing of design changes, and submit revisions on a schedule suitable to the CBO.  | Cody           | on a sched suitable to CBO                       |                   |                |                          |               |                           |                   |                           |
| 584 | CEC    | x       | x     |     | STRUC-3 | CBO Submittal - Design Changes, Revised Drawings, Specs, Calcs               | Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.   | Cody           | < 30d of approval                                |                   |                |                          |               |                           |                   |                           |
| 585 | CEC    |         | x     |     | STRUC-4 | 2007 CBC Compliance for Toxic or HAZMAT                                      | Submit to the CBO final design plans for tanks or vessels.  | Fluor          | > 30d pt installation                            |                   |                |                          |               |                           |                   |                           |
| 586 | CEC    | x       | x     |     | STRUC-4 | 2007 CBC Compliance for Toxic or HAZMAT                                      | Include copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report.   | Fluor          | Monthly  |                   |                |                          |               |                           |                   |                           |
| 587 | CEC    |         | x     |     | STRUC-4 | 2007 CBC Compliance for Toxic or HAZMAT                                      | Include a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.  | Fluor          | < 30d following inspection                       |                   |                |                          |               |                           |                   |                           |
| 588 | CEC    | x       |       |     | STRUC-4 | 2007 CBC Compliance for Toxic or HAZMAT                                      | Design tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC to comply with the requirements of that chapter.                             | Fluor          |  |                   |                |                          |               |                           |                   |                           |
| 589 | CEC    |         | x     |     | MECH-1  | CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs | Request CBO inspection of any such major piping or plumbing system.   | Fluor          |  |                   |                |                          |               |                           |                   |                           |
| 590 | CEC    |         | x     |     | MECH-1  | CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs | The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.        | Fluor          | Monthly  |                   | Monthly        |                          |               |                           |                   |                           |
| 591 | CEC    |         | x     |     | MECH-1  | CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs | Include a copy of transmittal letter to CBO in following monthly compliance report.   | Fluor          | < 30d of submittal                               |                   |                |                          |               |                           |                   |                           |
| 592 | CEC    |         | x     |     | MECH-1  | CBO Submittal -Plan Piping and Plumbing System, Final design specs and calcs | Submit to the CBO the final plans and a statement from the mechanical engineer certifying compliance with applicable LORS for major piping or plumbing.   | Fluor          | > 30d pt installation                            |                   |                |                          |               |                           |                   |                           |
| 593 | CEC    |         | x     |     | MECH-2  | CBO and Cal-OSHA Submittal - Pressure Vessel                                 | Submit code certification papers and other documents for all pressure vessels installed in the plant required by applicable LORS.   | Fluor/CBO      | pt operation                                     |                   | 30-Apr-13      |                          |               |                           |                   |                           |
| 594 | CEC    |         | x     |     | MECH-2  | CBO and Cal-OSHA Submittal - Pressure Vessel                                 | Submit vendor certification for prefabricated vessels and tanks and Engineers verification that plans conform with ASME Code. Submit copy of transmittal letter to CPM.                                 | Fluor          | > 30d pt installation                            |                   |                |                          |               |                           |                   |                           |
| 595 | CEC    |         | x     |     | MECH-2  | CBO and Cal-OSHA Submittal - Pressure Vessel                                 | Include CBOs inspection approval in the monthly compliance report following any inspection.   | Fluor          |  |                   |                |                          |               |                           |                   |                           |
| 596 | CEC    |         | x     |     | MECH-2  | CBO and Cal-OSHA Submittal - Pressure Vessel                                 | Request CBO and/or Cal-OSHA inspection of pressure vessel upon completion of installation.  | Fluor          | upon installation                                |                   |                |                          |               |                           |                   |                           |
| 597 | CEC    |         | x     |     | MECH-2  | CBO and Cal-OSHA Submittal - Pressure Vessel                                 | Ensure that all boilers and pressure vessels are designed, fabricated, and installed in accordance with ASME Code.  | Fluor          | Ongoing  |                   |                |                          |               |                           |                   |                           |
| 598 | CEC    |         | x     |     | MECH-3  | CBO Submittal - HVAC Specs, etc.   | Upon completion of any increment of construction, request CBO's inspection and approval of that construction.   | Fluor          | Upon completion of increment of construction     |                   |                |                          |               |                           |                   |                           |
| 599 | CEC    |         | x     |     | MECH-3  | CBO Submittal - HVAC Specs, etc.   | Submit to the CBO the required HVAC and refrigeration plans and a statement from the mechanical engineer certifying compliance with applicable codes. Submit copy of the transmittal letter to the CPM. | Fluor          | > 30d pt const of HVAC or refrig system          |                   |                |                          |               |                           |                   |                           |
| 600 | CEC    |         | x     |     | ELEC-1  | CBO Submittal - Electrical Equipment and Systems                             | Submit to the CBO the final plant design plans and a signed/stamped stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.                           | Fluor          | > 30d pt start of each increment of construction |                   | 1-Apr-11       |                          |               |                           |                   |                           |
| 601 | CEC    |         | x     |     | ELEC-1  | CBO Submittal - Electrical Equipment and Systems                             | Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.  | Fluor          |  |                   |                |                          |               |                           |                   |                           |

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| 602 | CEC    |         | x     |     | ELEC-1 | CBO Submittal - Electrical Equipment and Systems         | Include in the monthly compliance report:<br>1. Receipt or delay of major electrical equipment;<br>2. Testing or energization of major electrical equipment; and<br>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        |                          |                   |                           |                                      |                           |  |
| 603 | CEC    |         | x     |     | ELEC-1 | CBO Submittal - Electrical Equipment and Systems         | At least 30d pt the start of each increment of electrical construction, submit to the CBO for design review and approval the listed documents.  | Fluor              | > 30d pt start of each increment of construction |                   | 1-Apr-11       |                          |                   |                           |                                      |                           |  |
| 604 | CEC    |         | x     | x   | ELEC-1 | CBO Submittal - Electrical Equipment and Systems         | Retain approved final plant design plans and calculations onsite for the life of the project.   | Fluor / Operations |  |                   |                |                          |                   |                           |                                      |                           |  |
| 605 | CEC    | x       |       |     | PAL-1  | Paleontological Resource Specialist - Staff Designation  | Submit resume of Paleo Resource Monitors.   | Tetra Tech         | > 20d pt gd                                      |                   | 11-Apr-11      |                          |                   |                           | NA to phase I. May need for Phase II |                           |  |
| 606 | CEC    | x       |       |     | PAL-1  | Paleontological Resource Specialist - Staff Designation  | Submit resume of the Paleo Resource Specialist (PRS).   | Tetra Tech         | > 60d pt gd                                      |                   | 17-Nov-10      | 2-Sep-10                 | Approved 10/25/10 |                           |                                      |                           |  |
| 607 | CEC    | x       |       |     | PAL-2  | PRS Submittal - Stie Drawings Showing Disturbance Areas  | Submit maps and drawings showing the footprint of the power plants, construction lay down areas, and all related facilities.  | Fluor              | > 30d pt gd                                      |                   | 17-Dec-10      | 4-Jan-11                 | NA                |                           |                                      |                           |  |
| 608 | CEC    | x       | x     |     | PAL-2  | PRS Submittal - Stie Drawings Showing Disturbance Areas  | Submit letter of any construction phase schedule changes.   | Fluor              | < 5d of identification                           |                   |                |                          |                   |                           |                                      |                           |  |
| 609 | CEC    | x       | x     |     | PAL-2  | PRS Submittal - Stie Drawings Showing Disturbance Areas  | If construction proceeds in phases, submit maps and drawings.   | Tetra Tech         | pt start of each increment of construction       |                   | 1-May-11       | 4-Jan-11                 |                   |                           |                                      |                           |  |
| 610 | CEC    |         | x     |     | PAL-2  | PRS Submittal - Stie Drawings Showing Disturbance Areas  | PRS or PRM consult weekly with the superintendent or construction field manager to confirm upcoming activity locations.   | Tetra Tech         | until gd is completed                            |                   | 17-Jan-11      |                          |                   |                           |                                      |                           |  |
| 611 | CEC    | x       | x     |     | PAL-2  | PRS Submittal - Stie Drawings Showing Disturbance Areas  | Submit schedule of construction phases before work commences on affected power plants.  | Fluor              | pt start of const on affected power plants       |                   | 1-May-11       | 4-Jan-11                 | NA                |                           |                                      |                           |  |
| 612 | CEC    | x       | x     |     | PAL-2  | PRS Submittal - Stie Drawings Showing Disturbance Areas  | If the footprint of the project or its linear facilities change, provide maps and drawings reflecting those changes.  | Fluor              | > 15d pt gd                                      |                   | 1-Jan-11       | 1/4/2011<br>3/8/11       | Approved 3/17/11  |                           |                                      |                           |  |
| 613 | CEC    |         | x     |     | PAL-3  | Paleontological Resources Monitoring and Mitigation Plan | Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager and the CPM.   | sub to Tt          | Ongoing  |                   |                |                          |                   |                           |                                      |                           |  |
| 614 | CEC    | x       |       |     | PAL-3  | Paleontological Resources Monitoring and Mitigation Plan | If PRS determines that paleontological materials could be impacted, PRS to submit a paleontological resources monitoring and mitigation plan (PRMMP).   | Tetra Tech         | > 30d pt gd                                      |                   | 17-Dec-10      | 3-Dec-10                 | Approved 12/21/10 |                           |                                      |                           |  |
| 615 | CEC    |         | x     |     | PAL-4  | Paleontological WEAP                                     | If PRS determines that paleontological materials could be impacted, conduct weekly paleo training for all personnel supervising, directing or conducting ground-disturbing activity.  | sub to Tt/FI       | weekly during gd                                 |                   | 17-Jan-11      |                          |                   |                           |                                      |                           |  |
| 616 | CEC    |         | x     |     | PAL-4  | Paleontological WEAP                                     | Submit Paleo training documentation in Monthly Compliance Report.   | Tetra Tech         | Monthly  |                   | Monthly        |                          |                   |                           |                                      |                           |  |
| 617 | CEC    |         | x     |     | PAL-4  | Paleontological WEAP                                     | Submit resume of any alternative paleo trainer (if applicable).   | Tetra Tech         | Ongoing  |                   |                |                          |                   |                           |                                      |                           |  |
| 618 | CEC    | x       |       |     | PAL-4  | Paleontological WEAP                                     | Include paleo resources in the WEAP.  | Tetra Tech         | > 30d pt gd                                      |                   | 17-Dec-10      | 14-Dec-10                | Approved 1/4/2011 |                           |                                      |                           |  |
| 619 | CEC    | x       |       |     | PAL-4  | Paleontological WEAP                                     | Submit script and final video of paleo training.  | Tetra Tech         | > 30d pt gd                                      |                   | 17-Dec-10      | 14-Dec-10                | Approved 1/4/2011 |                           |                                      |                           |  |
| 620 | CEC    |         | x     |     | PAL-5  | PRS Monitoring and Stop Work Authority                   | Include summary of paleo monitoring activities and finds in the Monthly Compliance Report.  | Tetra Tech         | Monthly  |                   | Monthly        |                          |                   |                           |                                      |                           |  |
| 621 | CEC    |         | x     |     | PAL-5  | PRS Monitoring and Stop Work Authority                   | Notify CPM of any significant paleo resource encountered.   | Tetra Tech         | < 24hrs upon discovery                           |                   |                |                          |                   |                           |                                      |                           |  |
| 622 | CEC    |         | x     |     | PAL-5  | PRS Monitoring and Stop Work Authority                   | Notify CPM of any noncompliance related to paleo resources.   | Tetra Tech         | < 24hrs upon discovery                           |                   |                |                          |                   |                           |                                      |                           |  |
| 623 | CEC    |         | x     |     | PAL-5  | PRS Monitoring and Stop Work Authority                   | Implement PRMMP, maintain daily logs. Submit for approval any change in paleo monitoring plan.  | Tetra Tech         | Ongoing  |                   |                |                          |                   |                           |                                      |                           |  |

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|-----|--------|---------|-------|-----|-------|---|--|----------------|--|-------------------|----------------|--------------------------|---------------|---------------------------|-------------------|---------------------------|
| 624 | CEC    |         |       | x   | PAL-6 | Paleontological Resource Curation   | Retain copies of signed contracts with the designated PRS and other specialists; also the Paleontological Resource Report.   | Tetra Tech     | 3yr after construction completion          |                   | 1-Jul-14       |                          |               |                           |                   |                           |
| 625 | CEC    |         | x     |     | PAL-6 | Paleontological Resource Curation   | Submit copy of letter to curating institution - if fossils found.  | Tetra Tech     | Ongoing                                    |                   |                |                          |               |                           |                   |                           |
| 625 | CEC    |         | x     |     | PAL-6 | Paleontological Resource Curation   | Ensure proper implementation of curation procedures according to the PRMMP. Pay fees for curation of paleo materials. Submit letter of materials transmittal to the curation facility to CPM.  | Tetra Tech     | Ongoing                                    |                   |                |                          |               |                           |                   |                           |
| 626 | CEC    |         | x     |     | PAL-7 | Paleontological Resources Report  | Submit a Paleontological Resources Report (PRR).   | Tetra Tech     | < 90d after gd                             |                   | 28-Sep-14      |                          |               |                           |                   |                           |
| 627 | CEC    | x       |       |     | TSE-1 | CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List) | Submit the schedule, a Master Drawing List, and a Master Specifications List.  | Fluor          | pt construction                            |                   | 24-Jul-12      |                          |               |                           |                   |                           |
| 628 | CEC    | x       |       |     | TSE-1 | CBO and CPM submittal - Schedule of design submittals (Master Drawing List, Master Spec List, Major Equip and Structure List) | Include TSE schedule updates in the Monthly Compliance Report.   | Fluor          | Monthly                                    |                   |                |                          |               |                           |                   |                           |
| 629 | CEC    |         | x     |     | TSE-2 | Electrical Engineer - Staff Assignment<br>Civil Engineer - Staff Assignment   | Notify the CPM of the CBO's approval of the new engineer within five days of the approval.   | Fluor          | < 5d of approval                           |                   |                |                          |               |                           |                   |                           |
| 629 | CEC    |         | x     |     | TSE-2 | Electrical Engineer - Staff Assignment<br>Civil Engineer - Staff Assignment   | If an engineer is reassigned or replaced, submit resume of replacement.  | Fluor          | < 5d of replacement                        |                   |                |                          |               |                           |                   |                           |
| 631 | CEC    |         | x     |     | TSE-3 | Design Discrepancy Submittals   | Document and recommend corrective actions for any discrepancy in design and/or construction engineering work that has undergone CBO design review and approval. Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM. | Fluor          | < 15d of receipt                           |                   |                |                          |               |                           |                   |                           |
| 631 | CEC    |         | x     |     | TSE-3 | Design Discrepancy Submittals   | If resolution is disapproved, advise the CPM the reason for the disapproval, along with the revised corrective action required to obtain the CBO's approval.   | Fluor          | < 5d of notification                       |                   |                |                          |               |                           |                   |                           |
| 632 | CEC    |         | x     |     | TSE-4 | CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans  | Submit to the CBO the final design plans, etc for the power plant switchyard, and outlet line and termination, include statement from the electrical engineer verifying compliance with all applicable LORS.   | Fluor          | pt start of each increment of construction |                   |                |                          |               |                           |                   |                           |
| 633 | CEC    |         | x     |     | TSE-4 | CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans  | Submit a copy of the transmittal letter of final design plans to CBO in the next monthly compliance report.  | Fluor          | after submittal                            |                   |                |                          |               |                           |                   |                           |
| 634 | CEC    |         | x     |     | TSE-4 | CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans  | Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.   | Fluor          |  |                   |                |                          |               |                           |                   |                           |
| 635 | CEC    |         |       | x   | TSE-4 | CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans  | Retain all plans, including changes, on site for one year after completion of construction.  | Fluor          | 1yr after construction completion          |                   | 26-Jun-15      |                          |               |                           |                   |                           |
| 636 | CEC    |         | x     |     | TSE-4 | CBO Submittal - Power Plant Switchyard, Outlet Line and Termination Design Plans  | Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.                           | Fluor          | Monthly                                    |                   | Monthly        |                          |               |                           |                   |                           |
| 637 | CEC    |         | x     |     | TSE-5 | CBO Submittal - Tline Design Drawings, Specs and Calca  | Submit to the CBO :<br>a) Design drawings for the poles/towers, foundations, anchor bolts, conductors, grounding systems, and major switchyard   | Fluor          | pt const of Tline                          |                   | 24-Jul-12      |                          |               |                           |                   |                           |
| 638 | CEC    |         | x     |     | TSE-6 | CBO Submittal - TSE-5 Change Requests   | Notify the CBO and the CPM of any impending changes that may not conform to requirements of TSE-5 and request approval to implement such changes pt to the construction of transmission facilities.  | Fluor          | pt const of Tline                          |                   | 24-Jul-12      |                          |               |                           |                   |                           |
| 639 | CEC    |         |       | x   | TSE-7 | ISO Notification  | Submit telephone notification to the California ISO Outage Coordination Department   | Operations     | > 1d pt synchronizaiton                    |                   | 31-Dec-12      |                          |               |                           |                   |                           |
| 640 | CEC    |         |       | x   | TSE-7 | ISO Notification  | Submit to the California ISO a letter stating the proposed date of synchronization.  | Operations     | > 7d pt synchronizaiton                    |                   | 25-Dec-12      |                          |               |                           |                   |                           |

| #   | Agency | Pre-con | Const | ops | COC           | Title   | Description   | Responsibility     | COC Verification                  | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status    | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |  |
|-----|--------|---------|-------|-----|---------------|---|---|--------------------|-----------------------------------|-------------------|----------------|--------------------------|------------------|---------------------------|-------------------|---------------------------|--|
| 641 | CEC    |         |       | x   | TSE-7         | ISO Notification                              | Submit a report of conversation with the California ISO.  | Operations         | > 1d pt synchronizaiton           |                   | 31-Dec-12      |                          |                  |                           |                   |                           |  |
| 642 | CEC    |         |       | x   | TSE-8         | Code Compliance                               | Submit:<br>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.<br>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".<br>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       |                          |                  |                           |                   |                           |  |
| 643 | CEC    |         | x     | x   | TSE-8         | Code Compliance                               | In case of non-conformance of Tline construction or operation, notify CPM and CBO and describe the corrective actions to be taken.  | Fluor / Operations | < 10d upon discovery              |                   |                |                          |                  |                           |                   |                           |  |
| 643 | CEC    |         | x     | x   | TSE-8         | Code Compliance                               | Inspect transmission line to ensure conformance with applicable codes and standards.  | Fluor / Operations | Ongoing                           |                   |                |                          |                  |                           |                   |                           |  |
| 644 | CEC    |         | x     | x   | COMPLIANCE-1  | Unrestricted Access                           | Provide CEC staff and delegate agencies or consultants unrestricted access to the power plant site.   | NextEra            |                                   |                   |                |                          |                  |                           |                   |                           |  |
| 645 | CEC    |         | x     | x   | COMPLIANCE-2  | Compliance Record                             | The project owner shall maintain project files on-site.   | Operations         |                                   |                   |                |                          |                  |                           |                   |                           |  |
| 646 | CEC    |         | x     | x   | COMPLIANCE-2  | Compliance Record                             | Energy Commission staff and delegate agencies shall be given unrestricted access to the files.  | Operations         |                                   |                   |                |                          |                  |                           |                   |                           |  |
| 647 | CEC    | x       | x     | x   | COMPLIANCE-3  | Compliance Verification Submittals            | The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent.  | NextEra            |                                   |                   |                |                          |                  |                           |                   |                           |  |
| 648 | CEC    | x       |       |     | COMPLIANCE-4  | Pre-con Matrix and tasks                      | Submit a pre-construction matrix identifying only those conditions that must be fulfilled before the start of construction,   | Tetra Tech / Fluor | pt construction                   |                   | 16-Jan-11      | 5-Nov-10                 | pending          |                           |                   |                           |  |
| 649 | CEC    | x       |       |     | COMPLIANCE-5  | Compliance Matrix                             | Submit a compliance matrix with each monthly and annual compliance report   | ECM                | Monthly                           |                   |                | 7-Dec-10                 |                  |                           |                   |                           |  |
| 650 | CEC    | x       | x     |     | COMPLIANCE-6  | Monthly Compliance Report and Key Events List | Submit Monthly Compliance Reports. Include an initial list of dates for each of the events identified on the Key Events List.   | ECM                | Monthly                           |                   | Monthly        | 12/7/2010<br>1/12/11     |                  |                           |                   |                           |  |
| 651 | CEC    |         |       | x   | COMPLIANCE-7  | Annual Compliance Reports                     | Submit Annual Compliance Reports instead of Monthly Compliance Reports.   | Operations         | Annually                          |                   |                |                          |                  |                           |                   |                           |  |
| 652 | CEC    | x       | x     | x   | COMPLIANCE-8  | Confidential Information                      | Submit confidential information to CEC Executive Director with a request for confidentiality.   | Fluor / NextEra    | Ongoing                           |                   |                |                          |                  |                           |                   |                           |  |
| 653 | CEC    | x       |       |     | COMPLIANCE-9  | Complaints, Notices and Citations             | Send a letter to property owners living < 1mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns.   | NextEra            | pt construction                   |                   | 16-Jan-11      |                          | Approved 1/19/11 |                           |                   |                           |  |
| 654 | CEC    |         |       | x   | COMPLIANCE-10 | Planned Facility Closures                     | Submit a closure plan to the CPM.   | Operations         | > 12m pt closure                  |                   |                |                          |                  |                           |                   |                           |  |
| 655 | CEC    |         | x     |     | COMPLIANCE-11 | Unplanned Permanent Facility Closure          | Submit an on-site contingency plan.   | Fluor              | > 90d of CPM determination        |                   |                |                          |                  |                           |                   |                           |  |
| 656 | CEC    |         | x     |     | COMPLIANCE-12 | Unplanned Permanent Facility Closure          | In the event of an unplanned permanent closure, notify agencies take all necessary steps to implement the on-site contingency plan.   | Fluor              | < 24 hrs of closure               |                   |                |                          |                  |                           |                   |                           |  |

| #   | Agency | Pre-con | Const | ops | COC           | Title                                      | Description  | Responsibility | COC Verification | Internal Due Date | Date Final Due | Date Submitted to Agency | Agency Status | Documentation On Hand Y/N | Internal Comments | Operational On-going Cost |
|-----|--------|---------|-------|-----|---------------|--|--|----------------|------------------|-------------------|----------------|--------------------------|---------------|---------------------------|-------------------|---------------------------|
| 657 | CEC    | x       | x     | x   | COMPLIANCE-13 | Post Certification Changes to the Decision | Petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility. | NextEra        | Ongoing          |                   |                |                          |               |                           |                   |                           |

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

**AQ-SC5**

**Diesel Engine Emissions Monitoring and Reporting**





Genesis Solar Largo

10/31/2012

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



**Genesis Solar Energy Project  
Master Equipment List**

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

**Genesis Solar Energy Project  
Master Equipment List**

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



**Appendix B**

**Biological and Botany Reports**

**BIO-8: Impact Avoidance and Minimization Measures**

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

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



***Prepared for:***

Genesis Solar, LLC  
11995 Wiley Wells Road  
Blythe, California 92226

***Prepared by:***

AECOM  
1420 Kettner Blvd. #500  
San Diego, California 92101  
Phone: (619) 233-1454

October 2012



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| MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS ..... | 4                  |
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| WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP) .....       | 9                  |
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### **ATTACHMENTS**

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

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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 did not involve construction activities during the past month. The addition of a fiber optic line on the existing power poles was initiated this month. 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 October 2012. The following biological surveys and monitoring took place in October 2012:

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

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 October 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 Plant Site – General site activities including powerblock one and two construction, firewater line testing, caisson drilling and construction, permanent fence construction, mirror installation, channel work, evaporation pond excavation, laydown yard activities, and hanging of the fiber optic line were monitored. All Plant Site construction activities occurred within the tortoise exclusion fencing. No desert tortoise, American badger, western burrowing owls, Couch’s spadefoot toad, or nesting birds were detected during monitoring. Two birds, a Prairie Falcon and a Western Grebe, were found incapacitated on site. There were no obvious signs of injury but both birds did not flush and appeared lethargic. The birds were brought to the Blythe CDFG office for care. 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). Three desert kit foxes were reported after being seen in the morning outside of the plant site along the access road by a contractor employee. None were within the Project Disturbance Area or impacted by Project activities. No other special status species sightings were observed during the month of October. The majority of vehicles observed appeared to obey speed limits. Speeding vehicles, if observed, were reported to the Environmental Compliance Manager and/or construction manager. Drivers reported to be speeding were held accountable by contractors. Vehicle speed and speed limits were discussed with contract personnel to reinforce compliance. Night time and day time speed limit hours were remained at 6:30 a.m. to dusk to account for seasonal changes in published civil twilight. The nighttime speed limit is 35 MPH. The daytime speed limit is 45 MPH.
  - Monitored fiber optic line installation activities outside of the tortoise exclusion fence – Fiber optic crews were reeducated and reminded of the need for sensitive species awareness and the need to inspect the ground beneath parked vehicles for sensitive species prior to moving. The activities were monitored and the work areas cleared daily by biologists prior to work occurring. No ground disturbance associated with the fiber optic activities

during the month of October. No sensitive species were observed during fiber optic line installation.

- Dust suppression activities and water activities that had potential to result in ponding water were monitored. The DB and Biological Monitor(s) 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. Ponding water observed associated with water trucks was reported to compliance. Ponding resulting from water trucks that required follow-up by the DB occurred on October 5, 15, and 16. All water trucks are now required to be parked empty to minimize ponding water. Ponding water at water tanks was minimized by scheduled water tank pad maintenance. Follow-up monitoring verified that ponding water issues were resolved promptly each day.
- In accordance with conditions, if reportable spills occurred, contaminated soils from spills and drips were reported to DB and cleaned up. The contaminated soil is removed from site by Evergreen Environmental Services to be disposed of at a licensed facility. No reportable spills occurred during the October reporting period.
- Exclusion Fence Monitoring
  - The temporary tortoise exclusionary fence was inspected on a weekly basis. The fence was intact and no breaches were found during the month of October 2012.
  - 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. The tortoise grate was intact and functional during the month of October 2012.
  - The permanent tortoise exclusion fence had been installed around the plant site, on the inner side of the security fence. The tortoise exclusion fence is now being installed on the outer side of the security fence. The temporary tortoise exclusion fencing is still in place outside the permanent security fencing and exclusionary fencing. Agency input has changed the inspection requirement to both sides of the fence on a monthly basis to mitigate the inside the fence installation.

- 
- Raven Monitoring
    - Monitors performed daily recording during general construction monitoring for incidental raven observations and associated activity. Ravens were typically observed along the access road perched on power poles or flying.
    - Biweekly point count surveys were performed in accordance with the conditions. Two total ravens were observed during the bi-weekly raven point count surveys in October (October 2 and October 17). 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, with the exception of fiber optic line installation, occurred within the Plant Site.
    - All biological ESAs are outside of the tortoise exclusionary fencing. ESAs along access road were confirmed to be marked.
    - One set of tire tracks that may have been associated with a project vehicle were found that crossed an ESA boundary. The Designated Botanist was contacted. The particular ESA was established for the Desert Unicorn (*Proboscidea althaeifolia*) plant. No sensitive plants appear to have been effected. It was determined that the ESA was not impacted. Lathe and flagging were improved in the area.
  
  - Special Status Species Surveys and Monitoring
    - Desert kit fox monitoring with wildlife cameras and radio 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 information from these monitoring efforts are not reported further in the MCR.
    - No kit fox dens were found within the Project Disturbance Area requiring surveys or monitoring.

## **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 October 2012 are summarized below.

### Nesting Bird Surveys

No nesting bird surveys were required or conducted during the October 2012 reporting period. It is currently outside of the nesting season.

### Raven Surveys.

Raven observations were recorded daily during construction activities and were recorded on the Daily Monitoring Log. Monitoring focused on potential subsidies such as waste disposal areas and staged equipment. There were approximately 59 incidental raven sightings during 23 monitoring days. This represents a month-over-month increase<sup>1</sup> in incidental raven observations.

Formal raven monitoring in accordance with the COCs consisted of monthly and bi-weekly surveys per the Raven Plan. There are seven raven monitoring point locations (Attachment 1). Ravens recorded are within an 800m radius. Zero ravens were observed on during both the October 2 and October 17 survey. One raven was observed during the previous monthly raven count surveys.

## **WEED AND ESA MONITORING**

Scattered individual puncture vine (*Tribulus terrestris*) and cinch weed (*Pectis papposa*) plants were observed within the Plant Site and along the access road. Desert Unicorn (*Proboscidea althaeifolia*) was observed within ESAs located south of the Plant Site and in an ESA north of the access road outside of the Plant Site. The plants are not within the Project Disturbance Area and have not been impacted. Weed densities are well below ambient levels on surrounding lands. Spot treatment within permanent and temporary disturbance areas was recommended in accordance with the Weed Management Plan; however, chemical treatment cannot occur until BLM approval is obtained. A Pesticide Use Proposal (PUP) was prepared for submittal to the

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<sup>1</sup>There were approximately 27 incidental raven sightings in September 2012. As a note, incidental raven sightings do not provide an accurate assessment of raven population changes. They are incidental sightings only and do not represent independent sightings.

---

BLM for authorization to apply herbicide to these areas. However, additional NEPA analysis was determined by the BLM to be necessary for application of herbicides at the project site. The NEPA analysis (Environmental Assessment) for the BLM PUP was submitted to BLM on May 14, 2012. It is understood that the PUP and EA have been forwarded to the State BLM office for approval as of the end of the October 2012 period. A treatment plan prepared in accordance with the Weed Management Plan will be ready for implementation in fall 2012 pending BLM approval of the PUP if weeds are present in disturbance areas at that time.

It is understood that ESA monitoring by the Designated Botanist (Alice Karl) occurred weekly during construction activities. Based on DB and BM observations during daily access to the site, one ESA had encroachment from a possible project related vehicle. The sensitive species in the ESA, unicorn plant, did not appear to be impacted. Lathe and flagging were added to the existing demarcations to prevent further entry. All other ESAs were avoided.

### **WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)**

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

### **GENERAL DAILY NOTES AND OBSERVATIONS**

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

### **REFERENCES**

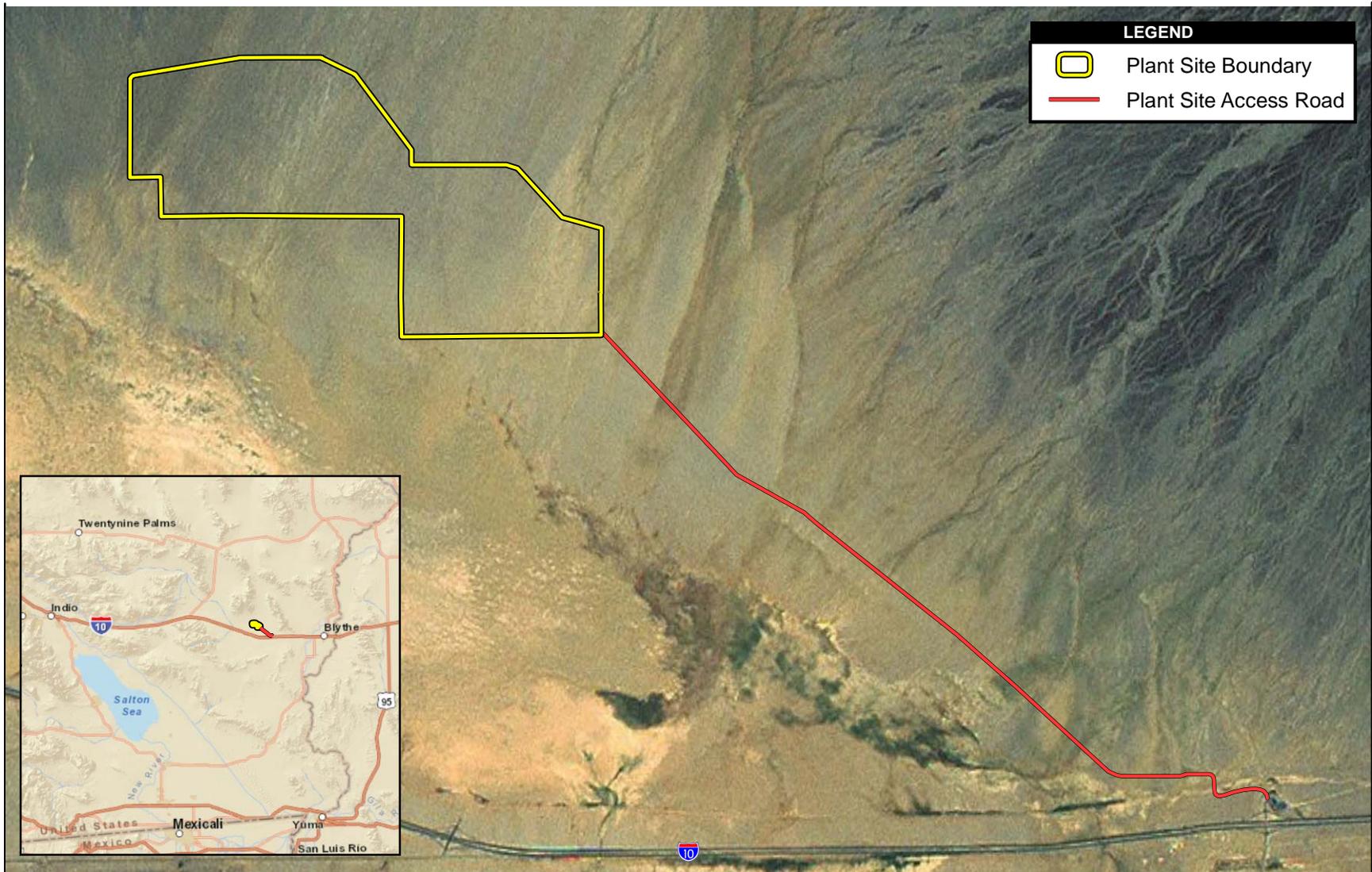
Not applicable during this reporting period.





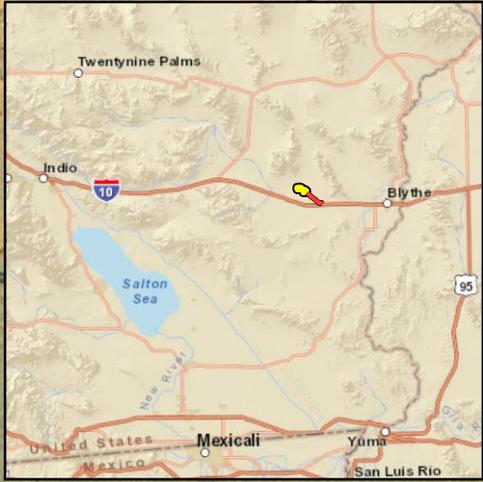
**ATTACHMENT 1**

**FIGURES**

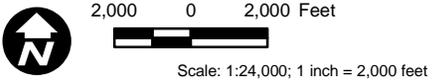


**LEGEND**

-  Plant Site Boundary
-  Plant Site Access Road



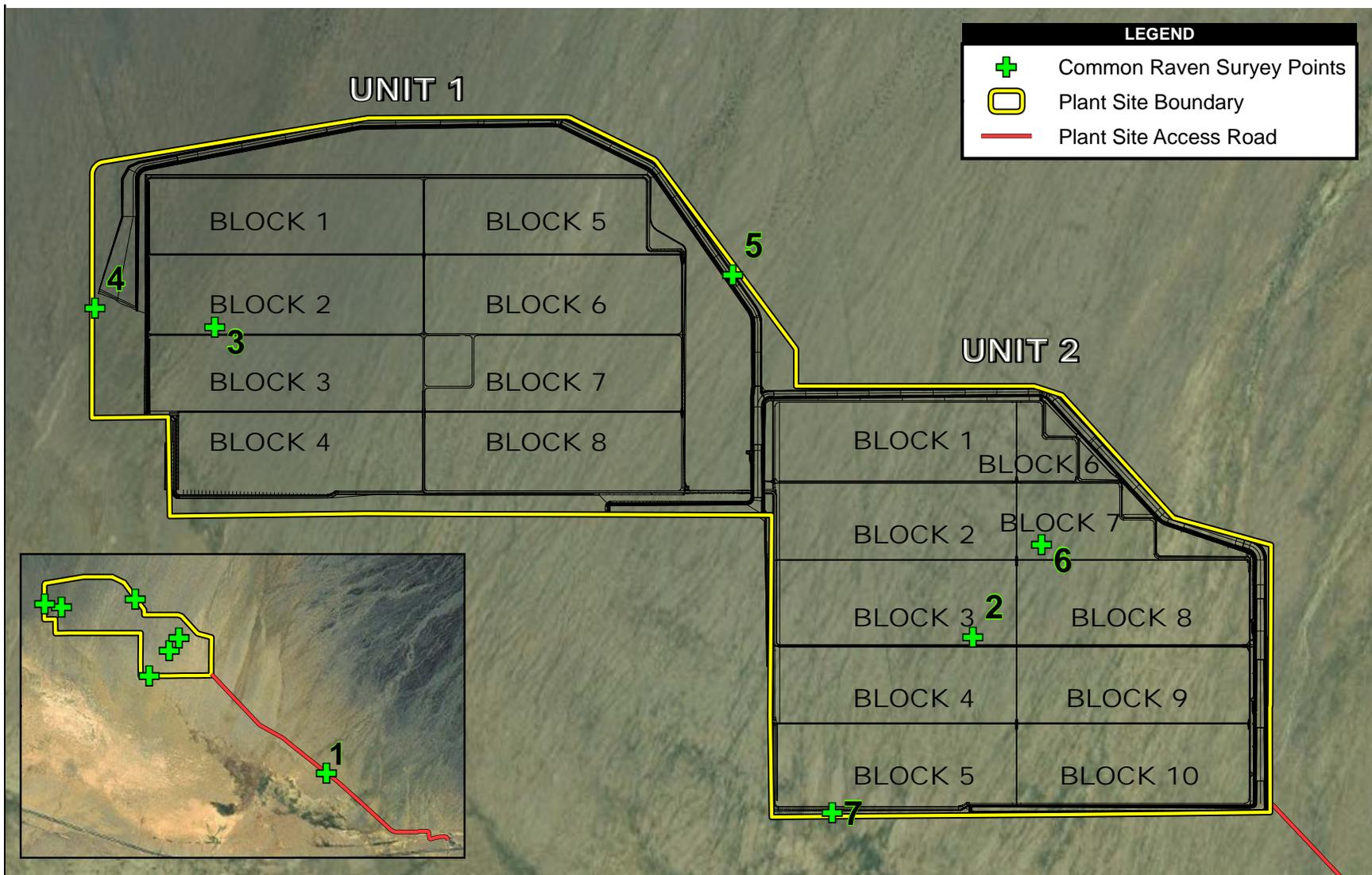
Source: GSEP 2012; AECOM 2012; i-cubed 2010; ESRI 2012



**Genesis Solar Energy Project  
Vicinity Map**

Genesis Solar Energy Project

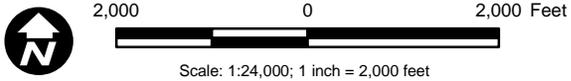
*Path: P:\2011\60220713\06GIS\6.3\_Layout\Bio\MCR\2012\3 - March\Project Site 20120412.mxd, 4/12/2012, irelandm*



**LEGEND**

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

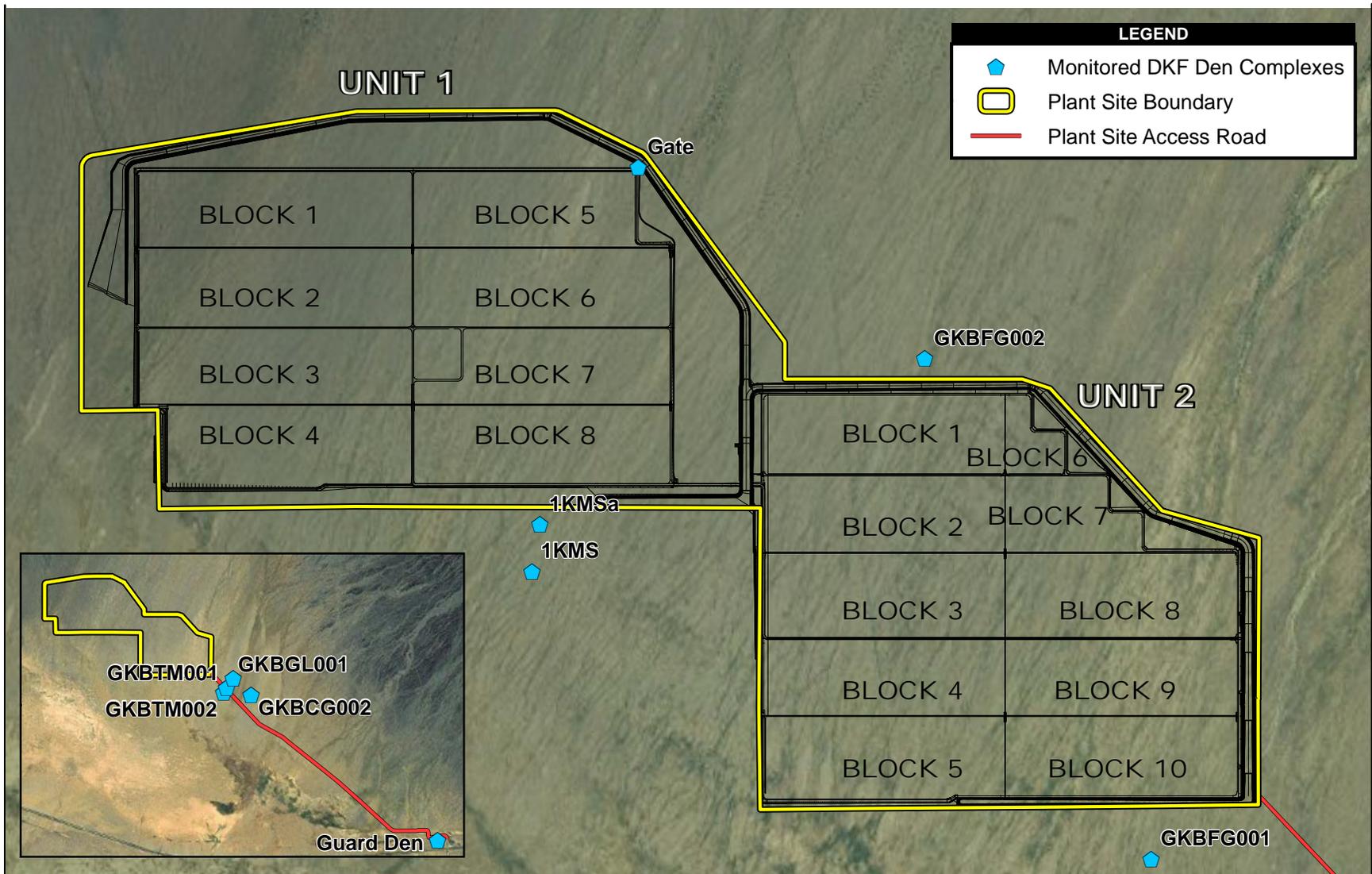
Source: GSEP 2012; AECOM 2012; i-cubed 2010



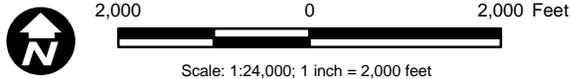
**Common Raven  
Survey Points**

Genesis Solar Energy Project

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



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



Genesis Solar Energy Project

**October 2012 DKF Den Complexes Monitored by Camera Stations and/or Periodic Biological Monitor Visits**

Path: P:\2011\60220713\06GIS\6.3\_Layout\Bio\MCR\2012\10 - October\DKF Camera Complexes 20121022.mxd, 10/25/2012, irelandm



**ATTACHMENT 2**

**SPECIES OBSERVED DURING OCTOBER  
SURVEYS AND MONITORING**



## SPECIES OBSERVED DURING OCTOBER SURVEYS AND MONITORING

### Animals:

Black-tailed jack rabbit  
Desert kit fox  
Kangaroo rat

### Birds:

American Bittern  
American Coot  
American Kestrel  
Barn Owl  
Bullock's Oriole  
Cliff swallow  
Cowbird  
  
Great Egret  
House Finch  
Loggerhead Shrike  
Northern harrier  
Osprey  
Prairie falcon  
Raven  
Red-tailed hawk  
Red-winged Blackbird  
Rock Wren  
Say's Phoebe  
Turkey vulture  
Vermillion Flycatcher  
Western Grebe

### Reptiles:

Coachwhip  
Desert Horned Lizard  
Desert Iguana  
  
Leopard Lizard  
Mojave Fringe-toed Lizard  
Side-blotched Lizard  
Sidewinder Rattlesnake  
Western Whip-tail Lizard  
Zebra-tailed Lizard



**ATTACHMENT 3**

**DAILY BIOLOGICAL MONITORING LOGS**

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/1/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 104 Low Temp (°F): 72

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

### Sites Monitored

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

**Activity Log:** 0545 JHA with cultural. 0615 inspect gate(pedestrian opening in permanent fence north of common area) for tracks. No tracks found. 0630 inspect power block 1 for bees. No bees found. 0700 inspect unit 2 for bees. Swarm in concrete form. Contacted compliance. Beekeeper to be contacted. 0815 inspect access road. Pick up litter and remove and dispose of 1 krat road mortality. 0915 inspect power block 2 and water tank 2. Water tank 2 maintained. No findings. 1015 report of hawk in shade south of pb 2. Prairie falcon. Monitored. 1020 report of bees in power block 2. Residual bees found. Swarm not present. 12:00 determination made that hawk may need rehab. 1215 Contacted CDFG. Discussed course of action. 1350 report of tarantula spider could not be located upon arrival. 1410 inspect unit 2 block 2 for bees. Earlier swarm had left. 1445 returned to power block2. 1500 removed prairie falcon from site and delivered to CDFG Blythe.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 along access road  |
| Topsoil segregated properly?  |     |    | X   | All work inside fence in previously disturbed areas.                       |
| Topsoil segregation barriers maintained?  |     |    | X   | 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 some tailgating. Will report to compliance at next 14:00 meeting. |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed                           |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | All work inside fence. Previously graded 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  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 3 ravens: all along access road. 1 flying, 2 walking on ground.            |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Prairie falcon

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/1/2012

Monitor: Gregg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 104 Low Temp (°F): 84

Start Time: 8:00:00 AM Stop Time: 6:00:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 8:00am began kit fox telemetry and camera card changes.  
 10:40am finishes telemetry and camera card changes.  
 11:00am in office downloading camera card photos.  
 11:15am finished downloading photos.  
 11:30am monitoring prairie falcon stuck in power block 2.  
 3:20pm prairie falcon was trapped and taken to cdfg. Finished monitoring prairie falcon.  
 3:30pm at office getting raven point count data sheets.  
 3:45pm surveying unit one. No wildlife observations made.  
 4:45pm surveys mirrors in unit two. No wildlife observed.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Side blotched lizard, desert iguana, zebra tailed lizard, prairie falcon, raven

Date & Time: Mon Oct 1 10:40:05 PDT 2012  
Position: 11 N 687062 3726330  
Altitude: 476ft  
Azimuth/Bearing: 188° S08W 3342mils (True)  
Elevation Angle: -16.2°  
Horizon Angle: -01.7°  
Zoom: 1X  
hawk in p 2.



NET WT  
DIMENSI  
PKG NO:  
1201002  
MADE IN

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/2/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 82

Start Time: 9:30:00 AM Stop Time: 4:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0700 office. 0930 inspect access road pick up litter debris. 1000 bees powerblock 2. Informed compliance. 1120 informed of dead bat powerblock 2. Bat disposed. 1100 perimeter fence check unit 2 south and west aide, part of unit 1 south side. Fence is intact. Tortoise grate is clean. 1230 office. 1400 meeting. Discussed bees and food waste. 1500 report of bird in powerblock 2. American bittern. Alive. Bird flushed at 1600. Could not relocate. 1620 inspect access road , no findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 debris along access road and during fence walk. |
| Topsoil segregated properly?  |     |    | X   | N/A   |
| Topsoil segregation barriers maintained?  |     |    | X   | 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<br>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   |    |     | South side of unit 2.                                     |
| 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:** American bittern

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/2/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 105 Low Temp (°F): 72

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

### Sites Monitored

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

**Activity Log:** 6:00am began raven point count survey.  
 8:30am finished raven point count survey.  
 8:45am surveyed access road for road kill. No road kill observed.  
 9:00am began kit fox telemetry and camera card changes.  
 10:20am finished telemetry and camera card changes.  
 10:45am surveyed and walked unit one tortoise exclusionary fence.  
 1:30pm finished surveying fence. Unit one fence is intact.  
 1:40pm in office downloading camera card photos.  
 2:00pm finished downloading photos.  
 2:30pm monitored American bittern in power block two.  
 3:50pm American bittern flew out of power block two.  
 3:55pm searched for American bittern in unit two. Unable to find American bittern.  
 5:15 surveyed access road for road kill. No road kill observed.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 on ground in common area parking lot. 2 ravens were foraging on garbage on ground. |
| Topsoil segregated properly?  | X   |    |     | N/A  |
| Topsoil segregation barriers maintained?  | X   |    |     | N/A  |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A  |
| Speed limit observed by all project personnel?  | X   |    |     | N/A  |
| Biological Issues   | Yes | No | N/A | Comments<br>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  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Species observed: Raven, desert iguana, whiptail, Mojave fringe toed lizard, zebra tailed lizard, side blotched lizard, coachwhip, American bittern.

Date & Time: Tue Oct 2 12:04:13 PDT 2012  
Position: 11 N 685285 3726696  
Altitude: 331ft  
Azimuth/Bearing: 082° N82E 1458mils (True)  
Elevation Angle: -87.8°  
Horizon Angle: -79.2°  
Zoom: 1X  
fox prints outside fence



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/3/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 102 Low Temp (°F): 76

Start Time: 7:15:00 AM Stop Time: 4:35:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0710 inspect access road. 0730 inspect power block 2. Notified of bird in pb2. 0810 contacted cdfg after consultation it was decided to make capture attempt. 0930 capture attempt made bird flushed. Bittern not captured. 0945 telemetry and camera card change at gkbm001 and gkbm002. 1015 met bee keeper escorted to pb2. 1045 escorted bee keeper to remove swarm in torque tube east of assembly building. Swarm removed with soap and water. 1100 meeting cancelled. 1130 return to pb2 with beekeeper. Beekeeper to return. 1145 remove and dispose of bird mortality (American coot) from unit 2 block 2. The bird had been deceased for more than a day. Cause of mortality unknown. 1200 inspect gkbfg002, old fox den and shade structure, picked up litter. No other findings. 1230 inspect permanent fence. Installation discussed. 1315 office. 1400 meeting. 1520 notified of bird in pb2. Bird is an American Coot (live). No signs of physical injury. Coot was left in place. 1600 inspect access road. 1620 remove and dispose desert iguana mortality.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 outside fence.                  |
| Topsoil segregated properly?  |     |    | X   | All work in previously disturbed areas.          |
| Topsoil segregation barriers maintained?  |     |    | X   | N/A  |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | Construction crews had weap stickers.            |
| Speed limit observed by all project personnel?  | X   |    |     | N/A  |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | All work inside fence.                           |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 1 at water tank 1.                               |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** American Loon

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/3/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None  
 High Temp (°F): 105 Low Temp (°F): 70

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

### Sites Monitored

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

**Activity Log:** 6:00am surveyed unit two in search of American bittern observed in power block two on 10/02/12. Bird was not observed.  
 7:15am located American bittern in power block two and began monitoring it.  
 9:20am bittern flushed out of power block two and began monitoring between mirrors in unit two.  
 1:30pm American bittern left unit two.  
 1:45pm began kit fox telemetry and camera card changes.  
 3:20pm finished telemetry and camera card changes.  
 3:30pm downloaded photos from wildlife cameras.  
 4:00pm monitored an American coot found in power block two.

### Monitor Checklist

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

**Additional Notes:** Species observed: side blotched lizard, desert iguana, American bittern, American coot.

Date & Time: Mon Oct 1 10:40:05 PDT 2012  
Position: 11 N 687062 3726330  
Altitude: 476ft  
Azimuth/Bearing: 188° S08W 3342mils (True)  
Elevation Angle: -16.2°  
Horizon Angle: -01.7°  
Zoom: 1X  
hawk in p 2.



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1201002  
MADE IN

MADE IN GERMANY

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/4/2012

Monitor: Eric German  
 Weather Conditions: Partly Sunny, Clouds: 10%, Pcp: None  
 High Temp (°F): 95 Low Temp (°F): 78

Start Time: 4:20:00 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:** 0420 - 1030 surveyed access road following report of desert tortoise near the blinking radar sign. The tortoise was not found. Both sides of the road were checked in the area and no sign was found. 1030 report of tarantula in unit 1 block 8 removed and released. 1030 report of bird mortality (unknown small bird) unit 2 block 10. Removed and disposed. 1100 escort beekeeper to power block2 to remove swarm beneath connex. Soap and water applied. Residual bees still present. 1215 investigate power block 2 for American coot from yesterday. Bird not seen. 1300 inspect unit 2 northern units. No findings. 1400 meeting. 1500 office. 1600 inspect permanent fence and unit 1 north side.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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   | All rough grading previously completed.                  |
| Topsoil segregation barriers maintained?  |     |    | X   | 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 persons speeding on site. Compliance is aware. |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed         |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | N/A  |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | 100% fence and tortoise grate completed.                 |
| 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 10/4/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 101 Low Temp (°F): 66

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

### Sites Monitored

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

**Activity Log:** 4:30am surveyed for desert tortoise that was reported being observed crossing the access road. 10:10am finished searching for tortoise. Tortoise was not found. No sign of desert tortoise was observed. 10:30am began kit fox telemetry and camera card changes. 12:30pm finished telemetry and camera cards. 12:40pm surveyed north and east fence of unit two.  
 1:40pm finished surveying fence. Weekly exclusionary fence check is complete. Fence is 100% intact. 2:00pm downloaded kit fox camera cards.  
 2:15am surveyed and searched for the desert tortoise that was observed this morning. 3:50pm finished surveying and was unable to locate tortoise or any tortoise sign. 4:00pm searched mirrors in unit two for dead birds. No dead birds were found. 5:00pm off site

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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  |     | Empty plastic bottles were on access road.       |
| Topsoil segregated properly?  | X   |    |     | N/A  |
| Topsoil segregation barriers maintained?  | X   |    |     | N/A  |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A  |
| Speed limit observed by all project personnel?  | X   |    |     | N/A  |
| Biological Issues   | Yes | No | N/A | Comments<br>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:** tarantula, zebra tailed lizard, side blotched lizard, desert iguana, whiptail

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/5/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 97 Low Temp (°F): 71

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

### Sites Monitored

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

**Activity Log:** 6:00am surveyed area near radar sign for tortoise. No tortoise or sign was found.  
 7:15am began kit fox telemetry and camera card changes.  
 9:40am finished kit fox telemetry and camera card downloads.  
 10:00am in office downloading photos.  
 10:30am reviewing weekly kit fox report.  
 11:30am surveyed for tortoise south of turn out where tortoise was observed.  
 2:00pm finished surveying for the tortoise. No tortoise or tortoise sign was observed.  
 2:15pm checked all three water tanks. No excessive water pooling was observed.  
 3:00pm surveyed between mirrors in unit two for dead birds. None were found.  
 4:30pm off site

### Monitor Checklist

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

**Additional Notes:** Species observed: desert iguana, whiptail, side blotched lizard, zebra tailed lizard.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/5/2012

Monitor: Shelly Dayman  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 98 Low Temp (°F): 75

Start Time: 8:15:00 AM Stop Time: 4:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

## Sites Monitored

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

**Activity Log:** 0815 drove access road, no roadkill  
 0830 removed and buried road kill sidewinder from plant site, near tortoise grate  
 0900 raven flying over common area, attempted to find attractant to remove but none observed  
 0915 office to submit yesterdays daily reports and prep DKF reports  
 1100 walked transects parallel to access road and within wash where tortoise was reported yesterday, no tortoise or sign observed  
 135 confirmed that Crown fence water truck that had been reported to be leaking earlier was no longer leaking, this may have been raven attractant to common area, water tanks at common area and powerblock 1 with no ponding water  
 150 used Omni antenna along north and west sides of project and along access road, no pings for kit fox at any location, confirmed with yagi at GKBTM002 that kit fox were not present in den, fresh tracks in area, could be foraging  
 0330 cleaned up zebra-tailed lizard roadkill that Mojave fringe-toed lizard was feeding on, returned equipment to office 430 drove access road, no mortalities

## Monitor Checklist

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

**Additional Notes:** Osprey on access road, raven, sidewinder, desert iguana, turkey vulture, western whiptail, west coast lady, MFTL, zebra-tailed lizard,

Date & Time: Fri Oct 5 11:48:04 PDT 2012  
Position: 11 N 680922 3726244  
Altitude: 361ft  
Azimuth/Bearing: 179° S01E 3102mils (frust)  
Elevation Angle: -53.3°  
Horizon Angle: +04.8°  
Zoom: 1X  
south of access road



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/8/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 94 Low Temp (°F): 70

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

### Sites Monitored

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

**Activity Log:** 0645 inspect guard shack area. Inspect ground beneath parked vehicles. 0655 meet with CDFG. 0920 inspect access road no findings. 0940 office. 1000 notified of tarantula unit2 block10 removed and released. 1100 inspect access road no findings. 1140 report of scorpion pb2. Removed and released 1215 inspect tortoise grate. Tortoise grate is clean. 1325 notified of hydraulic leak unit 2 block 2. Less than a quart. Spill kit in use. Plastic placed underneath vehicle in addition. Contaminated soil removed. 1400 meeting. 1430 inspect unit 1. Spill caused by damage to vehicle. Plastic placed beneath the car. Spill cleaned. 1545 inspect pb2. Water ponding beneath water tank 2 noted. Reported to compliance. Compliance had ponding mitigated. 1615 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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: 1 flying to power pole with cookie( on site). 1 perched on power pole off site. |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Say's phoebe.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/8/2012

Monitor: Vick Germany  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 93 Low Temp (°F): 66

Start Time: 5:50:00 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:** 5:50 drove access road twice. Did not see any desert tortoise or roadkill. 6:20 parked in turnout by electronic speed sign and walked to the next turnout on either side. 6:55 observed a prairie falcon flying south. Landed on a power pole near the electronic speed sign. Two ravens perched on top of power poles toward the desert tortoise gate. 7:55 observed a few cliff swallows flying over the desert. 8:15 finished walking the section of the access road. Picked up some trash as I walked (2 soda cans, 2 Styrofoam coffee cups, 2 empty ice bags, 1 squeeze drink). 8:20 thirty or so cliff swallows on power pole lines 8:25 male kestrel on power pole. 8:35 red-winged blackbird on creosote bush adjacent to plant site road. 8:45 picked up equipment and camera cards. 9:20 changed Gate camera card. Did not see any tracks. Checked far water tank in Unit 1. No puddles. 9:35 went back to trailers to get steps for fence. Checked water tank by trailers and no puddles. 9:55 changed camera cards at 1KMSA and 1KMS. No fresh sign at either. 10:40 changed camera cards at GKBTM002 and GKBTM001. Tracks on the dirt in front of dens at TM002 and TM001. Do not know if fresh. 11:05 changed camera cards at GLBCG002. Tracks on the dirt in front of dens. Do not know if fresh. Black camera battery at 20%. 11:45 changed camera card at Guard. No fresh sign. 11:55 one of the blue cement trucks (#146) took the corner wide heading into the cement dip while heading to the guard gate. Informed Eric. 12:10 talked to Eric about today's and tomorrow's activities. 12:20 checked water tank in Unit 2, by Power Block 2 and there is a puddle underneath. Will check back in an hour and see if it is still there. Checked areas between solar panels in Unit 2, Blocks 7, 6 and 1 for birds. None observed. 12:45 - 1:15 lunch 1:15 put some supplies away and got batteries for the back camera at CKBCG002. 1:30 downloaded camera cards. No kit fox on camera cards. 2:10 raven in shade of water tank by trailers, cawing. Two ravens flying overhead, one of which landed by the first raven. The other flying raven landed on a nearby power pole. The one on the power pole flew off after a minute or two, circling over the trailer area. One of the crows on the ground walked over to a spot underneath the fill tube and drank. Now there are two ravens on a power pole by the trailers. After a couple of minutes, the pair flew off toward Unit 2. 2:50 checked water tank in Unit 2, Power Block 2 and there was a puddle. Eric had checked it about 1:00 and there were no puddles. Sent Eric a text to check later this afternoon. 3:05 replaced batteries in black camera at CKBCG002. 3:25 while at turnout, observed a turkey vulture flying low over the desert.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>Attach Supplemental Report if needed   |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | N/A  |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  |     |    | X   | Two ravens perched on top of power poles toward the desert tortoise gate. raven in shade of water tank by trailers, cawing. Two ravens flying overhead, one of which |

|  |   |     |  |  |
|--|---|-----|--|--|
|  |   |     |  | landed by the first raven. The other flying raven landed on a nearby power pole. The one |
| All ESAs and other bio-related exclusion areas marked and avoided?   | X | N/A |  |  |
| <b>Additional Notes:</b> Prairie falcon, ravens, cliff swallows, male kestrel, red-winged blackbird, desert iguanas, zebra-tailed lizards, turkey vulture. |   |     |  |  |

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/9/2012

Monitor: Eric German  
 Weather Conditions: Partly Sunny, Clouds: 30%, Pcp: None  
 High Temp (°F): 93 Low Temp (°F): 67

Start Time: 6:30:00 PM Stop Time: 5:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0630 inspect access road. Some tissue litter. Picked up some tissue litter. No other findings. 0710 removed and disposed dead sidewinder from powerblock 2. 0800 perimeter fence check north side unit 1. No findings. Fence intact. 0925 remove and dispose of dead sidewinder. Unit 2 block 10. 1030 notified compliance of firewater discharge water to be minimized at powerblock 1. 1040 noted new scraper slight fluid leak. Reported to compliance. Contractor to clean. 1310 reported water ponding at firewater testing. Pb1 reported to compliance. Contractor supervisor mitigated water ponding at 1330. 1345 water ponding water tank 0. Reported to compliance. Compliance noted that there is a designated piece of equipment that is to rotate from each water tank at a less than an hour time period. To minimize ponding. Equipment has been seen in the past. 1400 meeting. Reported bees in powerblock 2. Under connex. 1445 watery ponding at water tank 0 appears to have been minimized. 1450 check temporary tortoise exclusionary fencing unit 1 west and south sides. Fence intact. No items of note. 1530 inspect firewater discharge area. Water ponding minimized. No findings 1540 inspect water tank 1. No findings. 1600 daily submitted remainder of day on tomorrow. 1620 remove and dispose of sidewinder. Unit 2 block 10 1645 inspect access road no findings. 1710 off site

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed    |
|---|-----|----|-----|---|
| Workspace limits verified and properly marked?  | X   |    |     | N/A   |
| All activities within approved workspace limits?  | X   |    |     | N/A   |
| Only approved access roads utilized for ingress and egress?   | X   |    |     | N/A   |
| Access road signs in place?   | X   |    |     | N/A   |
| Trash and debris contained and disposed of in proper manner?  |     | X  |     | Picked up litter along access road                  |
| Topsoil segregated properly?  |     |    | X   | N/A   |
| Topsoil segregation barriers maintained?  |     |    | X   | N/A   |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A   |
| Speed limit observed by all project personnel?  | X   |    |     | Observed vehicles appeared to be obey speed limits. |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed    |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | All work inside fence 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   |    |     | -   |
| 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:** Sidewinder. Prairie falcon. Cliff swallows From previous day.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/9/2012

Monitor: Vick Germany  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 93 Low Temp (°F): 65

Start Time: 6:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

## Sites Monitored

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

**Activity Log:** 6:00 drove access road twice, then parked at turnout by electronic speed sign and walked to turnouts in both directions. 7:10 while walking along access road, found a dead sidewinder. It was about 1 foot long and about 15 feet from road. Walked back to car and got the shovel so I could bury it.  
 8:05 finished walking loop.  
 8:20 raven flying over large employee parking lot.  
 8:30 picked up camera cards.  
 8:40 changed camera card at Gate. No sign.  
 8:50 picked up Eric at the northwest corner of Unit 1.  
 9:15 walked northern fence of Unit 2, opposite Blocks 8, 7, 6, and 1.  
 9:25 about 6 western meadowlarks flew overhead.  
 9:40 two female vermilion flycatchers in channel.  
 10:15 young Great Basin whiptail with blue tail in the rock slope protection.  
 10:40 finished walking fence. Picked up trash (ice bags, sandwich bags, chips bag, McDonalds sack, other pieces of plastic) along the way, especially at the open section of the permanent fence at the northeast corner of Block 6, Unit 1.  
 10:50 spotted several kit fox scat deposits on the channel slope by the large employee parking lot, opposite the northwest corner of Unit 1, Block 1. Gathered a few samples and brought them to Eric who verified they were kit fox.  
 11:15- 11:45 lunch  
 11:55 changed camera cards at 1KMSA and 1KMS. No fresh sign at either location.  
 12:40 changed camera cards at GKBTM001 and GKBTM002. No fresh sign at either location.  
 1:00 changed camera cards at GKBCG002. No fresh sign.  
 1:40 changed camera card at Guard. No fresh sign.  
 2:20 download camera cards.  
 2:45 discussed tomorrow's activities with Eric.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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   | flying over large employee parking lot.          |
| All ESAs and other bio-related exclusion areas marked and avoided?  |     |    | X   | N/A  |

**Additional Notes:** Side-blotched lizards, vermilion flycatchers, western meadowlarks, raven, young Great Basin whiptail, turkey vulture, loggerhead shrike

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/10/2012

Monitor: Eric German  
 Weather Conditions: Cloudy, Clouds: 60%, Pcp: None  
 High Temp (°F): 89 Low Temp (°F): 80

Start Time: 9:30:00 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:** 0930 inspect access road. Picked up some litter. 1100 inspect scraper drips reported yesterday. Drip pan has been installed. 1115 inspect north laydown and along fence for DKF prints. No prints found. Some windblown litter along permanent fence on inside. No other findings. 1130 inspect unit 1 blocks 6 thru 8. Laydown materials, ditches and ramps. Some wind blown litter. No other findings. 1215 perimeter fence check complete unit 2. Fence is intact. 1315 discussed biomonitoring needs with contractor for upcoming outside the fence work. 1400 meeting. 1445 office. 1600 inspect water tank pads 1 and 0. Pads are being maintained. 1630. Noted uncovered concrete wash out reported to compliance. 1655 inspect water tank 2. Pad is being maintained. 1710 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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  |     | Windblown trash. Reported to compliance.   |
| Topsoil segregated properly?  |     |    | X   | N/A  |
| Topsoil segregation barriers maintained?  |     |    | X   | N/A  |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A  |
| Speed limit observed by all project personnel?  | X   |    |     | Observed vehicles in compliance.   |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed                                       |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | Construction occurred on plant site inside fence.                                      |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     |    | X   | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 4 ravens western end of access road. Perched on poles. 1 raven flying. 5 ravens total. |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Red-tailed hawk

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/10/2012

Monitor: Vick Germany  
 Weather Conditions: Partly Sunny, Clouds: 50%, Pcp: None  
 High Temp (°F): 90 Low Temp (°F): 73

Start Time: 5:50:00 AM Stop Time: 3:47:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

## Sites Monitored

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

**Activity Log:** 5:50 drove access road twice and then walked to next turnouts in both directions from turnout with electronic speed sign. Saw a jackrabbit cross the road and a roadkilled k-rat, which I buried.  
 6:40 while walking along access road, saw two ravens fly up from the southwest and land on the power poles by the electronic speed sign.  
 7:25 observed pair of ravens on power poles north of where they were first observed.  
 8:00 finished walking along access road.  
 8:10 checked water tank in Unit 2, Power Block 2 and there is a puddle underneath. Check later this morning. Checked rows between mirrors in Unit 2, Block 1 for birds. None observed.  
 8:30 picked up camera cards and checked water tank by trailers. No puddles.  
 8:40 changed camera card at Gate.  
 9:00 found a pair of shorts this morning while driving the access road and threw them on the floor of the back seat. I moved them after putting some trash on the floor of the vehicle that I picked up at the Gate camera site and found a wallet in the pocket. Turned it into the office.  
 9:15 checked other water tank in Unit 1. No puddles.  
 9:20 changed camera cards at 1KMSA and 1KMS. No fresh sign at either.  
 10:05 checked water tank in Unit 2, Power Block 2 and there is a puddle underneath. Informed Eric.  
 10:10 met with Eric to discuss today's activities. Also told him about the puddle under the water tank.  
 10:25 changed camera cards at GKBTM001 and GKBTM002. No fresh sign.  
 11:00 changed camera cards at GKBCG002. No fresh sign.  
 11:35 pair of ravens flying and landing in areas around the guard shack. One drank from a puddle in a rut on the dirt road between the guard shack and rest area.  
 11:40 changed camera card at Guard. No fresh sign.  
 12:10 walked fence south of Unit 2.  
 During walk saw a Say's phoebe, a dead baby k-rat (sent photo to Mike, Shelly and Eric), a female northern harrier.  
 2:10 downloaded camera cards. No kit fox on any cameras.  
 2:45 - 3:15 lunch  
 3:15 discussed tomorrow's activities with Eric.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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 | First: fly up from the southwest and land on the power poles by the electronic speed sign. Second - flying and landing in areas around the guard shack. One drank from a puddle in a rut on the dirt road between the guard shack and rest area. |
| All ESAs and other bio-related exclusion areas marked and avoided?                              |  |  | X | N/A  |
| <b>Additional Notes:</b> Ravens, desert iguanas, turkey vulture, northern harrier, Say's phoebe |  |  |   |  |

Date & Time: Wed Oct 10 13:00:22 PDT 2012

Position: 11 N 688629 3722484

Altitude: 358ft

Azimuth/Bearing: 117° S63E 2080mils (True)

Elevation Angle: -87.6°

Horizon Angle: +08.9°

Zoom: 4X

dead baby k-rat, found while walking the fence south of Unit 2.



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/11/2012

Monitor: Eric German  
 Weather Conditions: Cloudy, Clouds: 60%, Pcp: None  
 High Temp (°F): 81 Low Temp (°F): 64

Start Time: 7:45:00 AM Stop Time: 4:50:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0745 inspect access road. Removed KRat mortality and disposed. Picked up some litter. 0815 inspect for bees at powerblock2. A few residual bees seen. Does not appear to be a swarm at this time. 0830 inspect unit 1 NW blocks. Some litter picked up. No other findings. 0845 office. 0915 inspect unit 1 SE blocks and ditches. No findings. 0930 inspect power block1 and water tank 1 No findings. 1015 reflag plant entry. Previous disturbance within right of way. 1100 meeting. 1130 check pedestrian access at NE corner of unit 1 for DKF tracks. No DKF prints found. 1140 water tank 1. Maintained and no water ponding. 1240 inspect concrete washout near admin bldg. covered. Small amount of water on cover. Reported to compliance. Contractor maintained No other findings. 1300 office. 1400 meeting. 1450 inspect power block1. No findings. 1325 inspect powerblock 2 and water tank 2. Water tank area maintained No findings. 1330 inspect access road no findings. 1545 install wildlife camera at GKBF005. 1630 inspect access road. Vehicle parked on side of road contacted driver explained importance of not stopping along access road due to wildlife. Inspected ground beneath vehicle and the vehicle left 1650 offsite.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed         |
|---|-----|----|-----|--|
| Workspace limits verified and properly marked?  | X   |    |     | N/A  |
| All activities within approved workspace limits?  | X   |    |     | N/A  |
| Only approved access roads utilized for ingress and egress?   | X   |    |     | N/A  |
| Access road signs in place?   | X   |    |     | N/A  |
| Trash and debris contained and disposed of in proper manner?  |     | X  |     | Litter unit 1 block 1.                                   |
| Topsoil segregated properly?  |     |    | X   | Rough Grading has been completed                         |
| Topsoil segregation barriers maintained?  |     |    | X   | 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<br>Attach Supplemental Report if needed         |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | All work areas inside the plant site previously 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   |    |     | 100% exclusion fence and grate completed.                |
| 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:** 100% tortoise exclusion fence completed. Intact and functional.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/11/2012

Monitor: Vick Germany  
 Weather Conditions: Partly Sunny, Clouds: 50%, Pcp: None  
 High Temp (°F): 82 Low Temp (°F): 70

Start Time: 5:45:00 AM Stop Time: 3:34:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

## Sites Monitored

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

**Activity Log:** 5:45 drove access road, no observations, 6:15 changed date and time settings for wildlife cameras. Changed camera card at Guard. No fresh sign.  
 6:30 two ravens flying west over guard shack. 6:40 along access road, a raven with food trash. A second raven was on a nearby power pole. 6:55 from turnout with electronic speed sign, walked along access road to next turnout in both directions. 8:20 changed camera cards at GKBCG002. No fresh sign,  
 9:00 changed camera cards at GKBTM002 and GKBTM001. No fresh sign at GKBTM002. Some prints at GKBTM001. Kit fox on camera. 9:30 checked water tank in Unit 2, Power Block 2 and there is a large puddle. Check later. 9:45 checked camera at Gate. No tracks. 9:55 checked far water tank in Unit 1. No puddle. 10:05 checked camera cards at 1KMSA and 1KMS. No fresh sign. Removed camera from 1KMSA per Eric's instructions, 10:50 returned 1KMSA camera and camera cards for office. 11:00 walked stretch of fence between corners of Unit 1 and 2 to location of access to 1KMS and back to office. 12:15 downloaded camera cards. 1:30 cleared some stuff out of the office.  
 1:45 checked water tank by trailers. No puddles. 2:15 a raven flying west over Unit 1, above the permanent fence south of Blocks 4 and 8. 2:20 checked far water tank in Unit 1. No puddle. 2:20 - 3:05 checked solar panels for birds, none observed. 3:10 checked water tank in Unit 2, Power Block 2 and no puddle. 3:20 a raven on a power pole a short distance to the desert tortoise grate.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>Attach Supplemental Report if needed  |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | N/A   |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A   |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A   |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A   |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 1 flying west over guard shack, 2 with food trash 1 flying west over Unit 1, near north side, 1 raven on power pole |
| All ESAs and other bio-related exclusion areas marked and avoided?  |     |    | X   | N/A   |

**Additional Notes:** Ravens, Brewer's blackbird, zebra-tailed lizards, desert iguanas, side-blotched lizards

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/12/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 10%, Pcp: None  
 High Temp (°F): 80 Low Temp (°F): 70

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

### Sites Monitored

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

**Activity Log:** 0815 inspect guard area and access road. 0835 scan for desert tortoise in vicinity of radar sign. 0915 office 1000 inspect unit 1 no findings. One Raven noted. 1115 inspect powerblock 2 area. No findings. 1200 inspect new admin area water noted at concrete washout. Relayed info to compliance. Compliance contacted contractor. 1215 inspect unit 2 SE blocks. Noted open litter container, covered to prevent wind spread and animal access. No other findings. 1245 inspect powerblock area and water tank 2. Report of honey bees at powerblock 2 connex, bees present. No other findings. 1315 inspect powerblock 1 area and water tank 1. No findings. 1500 inspect concrete washout at admin area. Contractor covered. 1545 inspect access road. No findings. 1610 notified of rattlesnake in contractor laydown. Could not locate upon arrival. 1640 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed |
|---|-----|----|-----|--|
| Workspace limits verified and properly marked?  | X   |    |     | N/A  |
| All activities within approved workspace limits?  | X   |    |     | N/A  |
| Only approved access roads utilized for ingress and egress?   | X   |    |     | N/A  |
| Access road signs in place?   | X   |    |     | N/A  |
| Trash and debris contained and disposed of in proper manner?  |     | X  |     | Litter 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<br>Attach Supplemental Report if needed |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | Work inside fence 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  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 1 flying above site                              |
| 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 10/12/2012

Monitor: Vick Germany  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 66 Low Temp (°F): 57

Start Time: 5:50:00 AM Stop Time: 11:30:00 AM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 5:50 drove access road  
 6:20 changed camera card at Guard. No fresh DKF sign.  
 6:35 buried dead KRat near Arizona crossing, picked up some trash  
 7:00 walked along access road in both directions from electronic speed sign searching for desert tortoise.  
 8:00 changed camera cards at GKBCG002. No fresh sign but a fox was caught on camera.  
 8:30 changed camera cards at GKBTM002 and GKBTM001. No fresh sign.  
 9:20 changed camera card at Gate. No tracks.  
 9:30 checked far water tank in Unit 1 and no ponding.  
 9:40 changed camera card at 1KMS. No fresh sign.  
 10:05 checked water tank by trailers and no ponding.  
 10:10 - 11:30 downloaded camera cards and returned equipment.

### Monitor Checklist

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

**Additional Notes:** Cliff swallows

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/15/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 93 Low Temp (°F): 64

Start Time: 6:15:00 AM Stop Time: 5:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0615 access road 0640 report of bird unit 2 block 4. Investigated. Western grebe. 0810 informed cdfg Attempted to flush. Grebe did not flush. Will allow to rest. Placed water next to bird.0850 inspect water tanks 0 and 1. No findings. 0900 report of possible desert tortoise scat north of unit 1. Scat found and investigated appears to be canid. Fecal smell. Non linear vegetation segmented scat. 1000 inspected dkf prints at gate north of common area. Tracks appear to be leaving. Smoothed ground. 1040 inspect water tank 2 no findings. 1050 monitored Western Grebe made unsuccessful efforts to move toward Pb2. Ended up in middle of access road. Animal in danger. Placed in box contacted CDFG and brought to blythe cdfg. 1330 inspect powerblock 2. And water tank 2. No findings. 1655 water truck inspection. Water ponding reported to compliance. Compliance to follow up. Observed one water truck being emptied. 1720 inspect pb2. No findings. 1730 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed                       |
|---|-----|----|-----|--|
| Workspace limits verified and properly marked?  | X   |    |     | N/A  |
| All activities within approved workspace limits?  | X   |    |     | N/A  |
| Only approved access roads utilized for ingress and egress?   | X   |    |     | N/A  |
| Access road signs in place?   | X   |    |     | N/A  |
| Trash and debris contained and disposed of in proper manner?  |     | X  |     | Some windblown litter picked up outside fence                          |
| Topsoil segregated properly?  |     |    | X   | N/A  |
| Topsoil segregation barriers maintained?  |     |    | X   | N/A  |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A  |
| Speed limit observed by all project personnel?  | X   |    |     | Observed vehicles appeared to be following correct speeds and spacing. |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed                       |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | Outside fence work monitored by biological monitor.                    |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 9; flying from pb2 toward unit 1.                                      |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Western Grebe.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/15/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 96 Low Temp (°F): 63

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

## Sites Monitored

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

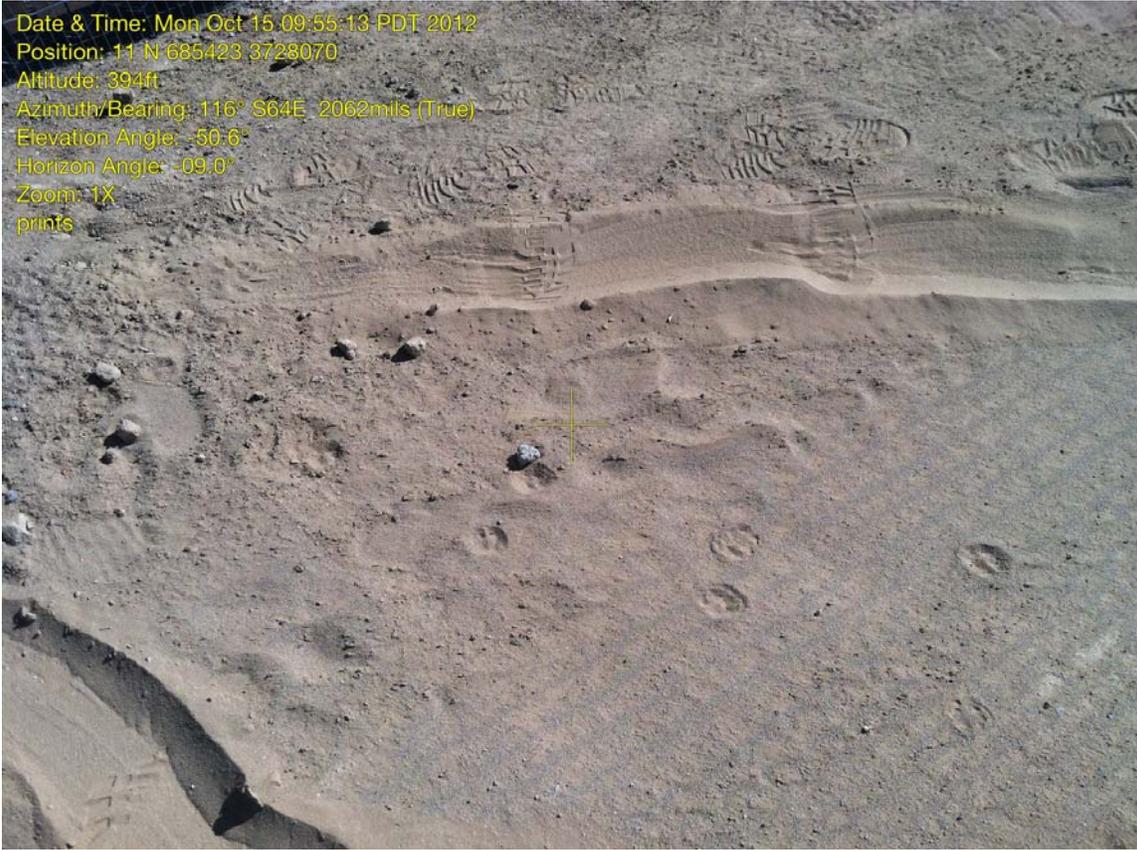
**Activity Log:** 6:15am on site  
 6:45am waited for crew to arrive for kick off meeting.  
 9:00am entire crew showed up. Had a meeting about tortoise awareness and other bio issues for work along access road.  
 9:30am cleared and monitored construction activity along access road where crew was drilling holes into utility poles.  
 1:35pm crew finished for day.  
 2:00pm removed kangaroo rat from power block two.  
 2:05pm began kit fox telemetry.  
 3:45pm finished telemetry.  
 4:00pm searched between mirrors for dead birds in unit two.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Species observed: raven, desert iguana, whiptail, side blotched lizard, zebra tailed lizard, turkey vulture, desert kangaroo rat.

Date & Time: Mon Oct 15 09:55:13 PDT 2012  
Position: 11 N 685423 3728070  
Altitude: 394ft  
Azimuth/Bearing: 116° S64E 2062mils (True)  
Elevation Angle: -50.6°  
Horizon Angle: -09.0°  
Zoom: 1X  
prints



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/16/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 95 Low Temp (°F): 67

Start Time: 6:15:00 AM Stop Time: 5:40:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0615 inspect access road. No findings 0700 office. 0730 inspect water tanks throughout day. No findings. Water tank pads appear to be maintained. 0900 inspect access road. No findings. 0930 dkf activities. 1100 inspect access road no findings. 1115 inspect gate entry some dkf prints. 1145 inspect pb 1 and water tank 1. Leaking parked water truck reported to compliance .spoke with contractor. Truck moved puddle minimized. No other findings. 1200 meeting. 1400 meeting. 1500 inspect perimeter of unit 1 and power block 1 area. No findings. 1700 inspect pb2, water tank 2 and unit 2 for water ponding. No findings. Good job. 1720 inspect access road. Litter picked up no other findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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   |    |     | Vehicles observed appeared to be following speed limit.           |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed                  |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | All work within previously disturbed areas 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  |     | N/A   |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 5 ravens noted. 2 with food trash. 3 flying.                      |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A   |

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/16/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 95 Low Temp (°F): 63

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

## Sites Monitored

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

**Activity Log:** 6:25am began checking all three water tanks. No excessive pooling was observed.  
 6:55am checked gate camera area for kit fox tracks. Two fresh tracks were observed.  
 7:10am waited for crew to arrive for work along access road.  
 7:30am tortoise awareness meeting with crew  
 8:00am cleared area for construction to begin along access road  
 8:05am crew began drilling in utility poles. Monitored crew and cleared work area as they moved west towards the plant site.  
 1:30pm crew finished work for day on access road.  
 1:45pm threw away stakes that were collected along the access road during clearance surveys today.  
 2:00pm began walking/checking tortoise exclusionary fence in unit one.  
 4:15pm finished checking tortoise exclusionary fence in unit one. Fence is 100% intact.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Species observed: raven, desert iguana, zebra tailed lizard, desert horned lizard, side blotched lizard, leopard lizard.

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/17/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 92 Low Temp (°F): 62

Start Time: 6:15:00 AM Stop Time: 4:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0620 inspect access road. Removed and disposed one krat road mortality. 0645 clear area east of tortoise grate for access road maintenance. No findings. 0705 monitor access road maintenance. All activities within cleared and delineated area. 1030 searched for rattlesnake in unit 1 block 5. Could not locate. 1100 meeting. 1200 monitor access road Coordinate with fiber optic crew. No findings. 1245 monitor access road maintenance at tortoise grate. All work within delineated area and outside the fence portion was monitored. 1330 inspect water towers 1 and 2. Water tank pads being maintained. 1400 meeting. 1500 office. 1615 inspect unit 2. No findings. 1630 inspect access road. No findings. 1645 empty water truck with slow leak reported to compliance. Water truck checked later it stopped leaking and mechanic was in area I

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed               |
|---|-----|----|-----|--|
| Workspace limits verified and properly marked?  | X   |    |     | Road maintenance area was marked.                              |
| All activities within approved workspace limits?  | X   |    |     | N/A  |
| Only approved access roads utilized for ingress and egress?   | X   |    |     | N/A  |
| Access road signs in place?   | X   |    |     | N/A  |
| Trash and debris contained and disposed of in proper manner?  |     | X  |     | Picked up food litter along access road.                       |
| Topsoil segregated properly?  |     |    | X   | N/A  |
| Topsoil segregation barriers maintained?  |     |    | X   | 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<br>Attach Supplemental Report if needed               |
| Work area cleared by BM prior to construction activity beginning?   | X   |    |     | East of tortoise grate.  |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | 100% perimeter and tortoise grate check completed fence intact |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 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 10/17/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 95 Low Temp (°F): 74

Start Time: 8:30:00 AM Stop Time: 4:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 8:30am checked all three water tanks. No excessive pooling observed.  
 9:00am began raven point count survey.  
 10:30am searched for rattlesnake that was reported in ARB laydown area.  
 11:00am left ARB laydown area. Unable to find rattlesnake that was observed. Resumed raven point count survey.  
 12:15pm finished raven point count survey.  
 12:20pm began kit fox telemetry and camera card changes.  
 1:30pm finished kit fox telemetry and camera card changes.  
 1:45pm downloaded kit fox photos in office.  
 2:15pm walked unit two tortoise exclusionary fence to check if it intact.  
 3:30pm finished fence check. Fence is 100% intact.  
 4:00pm picked up trash along access road.  
 4:30pm went to blythe to get a replacement camera card.

### Monitor Checklist

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

**Additional Notes:** Species observed: desert iguana, side blotched lizard, whiptail, zebra tailed lizard.



Date & Time: Tue Oct 16 15:30:17 PDT 2012  
Position: 11° N 685143 3726684  
Altitude: 3186  
Azimuth/Bearing: 083° N83E 1476mils (True)  
Elevation Grade: -105%  
Horizon Grade: +002%  
Zoom: 4X  
leopard lizard



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/18/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 91 Low Temp (°F): 84

Start Time: 10:30:00 AM Stop Time: 4:45:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 1030 inspect access road. Pick up access road litter. Readjust flagging stakes at turnout. No other findings. 1200 inspect unit 2, powerblock 2 and water tank 2. Noted bees still in connex pb2 about 15 bees No other findings. 1230 pick up all litter along outside fence access road. 1350 informed of bees in unit 2 block 1. Other biological monitors investigated. 1400 meeting. Informed compliance of tire tracks. Tire tracks within right of way but off pavement No resources appear impacted. 1530 inspect nw corner of unit 1. No findings. 1615 inspect water tank 2. Appears to be maintained. 1625 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed            |
|---|-----|----|-----|---|
| Workspace limits verified and properly marked?  | X   |    |     | N/A   |
| All activities within approved workspace limits?  | X   |    |     | N/A   |
| Only approved access roads utilized for ingress and egress?   | X   |    |     | N/A   |
| Access road signs in place?   | X   |    |     | N/A   |
| Trash and debris contained and disposed of in proper manner?  |     | X  |     | Picked up litter along access road.                         |
| Topsoil segregated properly?  |     |    | X   | N/A   |
| Topsoil segregation barriers maintained?  |     |    | X   | N/A   |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A   |
| Speed limit observed by all project personnel?  | X   |    |     | Observed vehicles appeared to be following speed limits.    |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed            |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | All work within tortoise 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  |     | 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   |    |     | Tire tracks off pavement. No biological resources impacted. |

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/18/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 15%, Pcp: None  
 High Temp (°F): 95 Low Temp (°F): 70

Start Time: 8:00:00 AM Stop Time: 4:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

## Sites Monitored

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

**Activity Log:** 8:15am in office getting telemetry equipment and formatting new camera card.  
 8:30am checked all three water tanks. No excessive pooling observed.  
 9:00am began kit fox telemetry and camera card changes.  
 12:45pm finished telemetry and camera card changes.  
 1:00pm in office downloading camera card photos.  
 1:15pm checked all three water tanks. No excessive pooling observed.  
 1:45pm surveyed between mirrors in unit two for dead birds. No dead birds were found.  
 2:00pm went to unit two to search for bees that were reported in area.  
 2:20pm small swarm of bees located under a pallet in unit two. Let DB know about the situation. Will check tomorrow morning if swarm is still present.  
 3:15pm removed camera from 1KMS den. Prepped camera for installation tomorrow near gate camera.  
 4:00pm searched for rattlesnake in ARB laydown area in unit one. Unable to find the snake.

## Monitor Checklist

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

**Additional Notes:** Species observed: desert iguana, whiptail, side blotched lizard, zebra tailed lizard.



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/19/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 86 Low Temp (°F): 59

Start Time: 6:00:00 AM Stop Time: 12:00:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 6:15am searched ARB laydown area for rattlesnake that was observed. Unable to locate rattlesnake.  
 7:00am began kit fox telemetry and camera card changes.  
 9:30am finished kit fox telemetry and camera card changes.  
 9:45am in office downloading camera cards.  
 10:00am finished downloading camera cards.  
 10:15am began installing wildlife camera on tortoise exclusionary fence north of gate camera.  
 10:45am checked all three water tanks. No excessive pooling observed.  
 11:15am searched for dead birds between rows of mirrors in unit two. No dead birds were observed.

### Monitor Checklist

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

**Additional Notes:** Species observed: side blotched lizard, whiptail, zebra tailed lizard, desert iguana.



# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/22/2012

Monitor: Eric German  
 Weather Conditions: Partly Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 86 Low Temp (°F): 68

Start Time: 7:30:00 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:** 0730 inspect access road. No findings. 0815 trailer 4 ponding due to plumbing problem noted. Compliance to get plumbing company to repair. 0845 inspect unit 2 block 1. Bee swarm present in pallet. 0915 inspect Unit 2, powerblock 2, and water tank 2. No findings. 1030 inspect access road no findings. 1115 dcf telemetry and camera. 1215 inspect water tank 2 no findings. 1220 remove and relocate sidewinder from unit 2 block 2. 1250 inspect unit 1, powerblock 1, water tank 1, and trenches. One trench is missing a ramp. Will report at 1400. No other findings. 1345 checked gate entry. No prints seen. 1445 trailer 4 no ponding. Water is off. Repairs still to be made. 1515 inspect powerblock 2 and water tank2. No findings. 1545 inspect access road. No findings. 1600 inspect area of tire tracks reported October 18, east of plant site entrance. Reported findings to botanist. Appears that no sensitive species were effected. 1610 inspect access road no findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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  |     | Pocked up litter.                                |
| Topsoil segregated properly?  |     |    | X   | All work in previously ground disturbed areas.   |
| Topsoil segregation barriers maintained?  |     |    | X   | 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<br>Attach Supplemental Report if needed |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | N/A  |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 1 perched in parking 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 10/22/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 87 Low Temp (°F): 63

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

## Sites Monitored

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

**Activity Log:** 6:15am checked all three water tanks. No excessive pooling was observed.  
 6:30am checked 2 areas where bees have recently been. The bees don't appear to be in power block two anymore. Bees were still in unit two block one.  
 7:00am changed camera cards at Gate camera.  
 7:15am waited for construction crew to arrive.  
 8:40am crew arrived. Held a tortoise awareness meeting and went to the starting spot along access road to clear.  
 9:00am crew began drilling in poles.  
 Began clearing and monitoring construction.  
 12:00pm crew finished for the day.  
 12:15pm began kit fox telemetry and camera card changes.  
 2:30pm finished kit fox telemetry and camera card changes.  
 2:45pm surveyed tortoise exclusionary fence in unit one.  
 3:45pm finished surveying exclusionary fence in unit one. Fence is 100% intact.  
 4:00pm downloaded kit fox camera cards.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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  |     | Plastic bottles on shoulder of access road.   |
| Topsoil segregated properly?  | X   |    |     | N/A   |
| Topsoil segregation barriers maintained?  | X   |    |     | N/A   |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A   |
| Speed limit observed by all project personnel?  | X   |    |     | N/A   |
| Biological Issues   | Yes | No | N/A | Comments<br>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   |    |     | New kit fox den was found using telemetry. June pair of collared foxes were in den. A wildlife detection form was filled out. |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A   |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A   |
| Common Ravens Present? If yes, note number and activity.  |     | X  |     | N/A   |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A   |

**Additional Notes:** Species observed: desert iguana, whiptail, side blotched lizard, zebra tailed lizard.

Date & Time: Mon Oct 22 08:54:19 PDT 2012  
Position: 11 N 686156 3727146  
Altitude: 417ft  
Azimuth/Bearing: 136° S44E 2418mils (True)  
Elevation Angle: -20.1°  
Horizon Angle: +01.1°  
Zoom: 1X  
swarm unit 2 block 1 north.



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/23/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 80 Low Temp (°F): 64

Start Time: 6:15:00 AM Stop Time: 4:35:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0615 inspect access road. No findings. 0645 inspect powerblock 2 and water tank 2 no findings. 0730 inspect northern fence unit 1. Trash along northeastern portion. Picked up some trash. No other findings. 0815 inspect unit 1, powerblock 1 and water tank 1. No findings 0850 inspect unit 1 northeast laydown for snakes and dkf tracks. No findings. 0945 removed and disposed of bird mortality(American kestrel). 1030 discuss fiber optic monitoring with contractor. 1100 inspect access road to guard shack. No findings. 1145 removed and release horned lizard ( live, desert horned lizard ). 1230 inspect water tanks. All water tanks maintained. 1335 inspected perimeter exclusion fence unit 2 Fence is intact. 1615 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 along fence. Northeast Unit1.   |
| Topsoil segregated properly?  |     |    | X   | All dirt work in previously disturbed areas.  |
| Topsoil segregation barriers maintained?  |     |    | X   | 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<br>Attach Supplemental Report if needed  |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | Inside fence in previously disturbed areas. Outside the fence is being cleared and monitored. |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A   |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | Perimeter exclusion fence 100% intact.  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A   |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 1 flying.   |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A   |

**Additional Notes:** Report of 3 kit fox on access road outside of plant site yesterday morning (10/22). Perimeter exclusion fence 100% intact. American kestrel.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/23/2012

Monitor: Greg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 81 Low Temp (°F): 58

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

### Sites Monitored

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

**Activity Log:** 6:00am removed a road killed jack rabbit from access road and buried it.  
 6:05am started kit fox telemetry and camera card changes.  
 7:30am stopped telemetry and met construction crew.  
 7:45am tortoise awareness meeting with crew.  
 8:00am cleared area for construction crew to work along access road. Began monitoring crew.  
 9:50am fire truck hit a jack rabbit on access road. Buried the road kill.  
 1:30pm crew finished work outside of the fence. Finished bio monitoring.  
 1:45pm resumed kit fox telemetry.  
 3:00pm finished kit fox telemetry.  
 3:15pm checked all three water tanks. No excessive pooling observed.  
 3:45pm checked unit two for bees. Unable to locate the bees.  
 4:15pm surveyed unit two rows of mirrors for dead birds. No dead birds were found.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 in plant site along permanent fence in unit one. Trash on shoulder of access road. |
| Topsoil segregated properly?  | X   |    |     | N/A  |
| Topsoil segregation barriers maintained?  | X   |    |     | N/A  |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A  |
| Speed limit observed by all project personnel?  | X   |    |     | N/A  |
| Biological Issues   | Yes | No | N/A | Comments<br>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  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Species observed: jack rabbit, desert iguana, whiptail, zebra tailed lizard, side blotched lizard, raven.

Date & Time: Tue Oct 23 09:49:52 PDT 2012  
Position: 11 N 686965 3726294  
Altitude: 348ft  
Azimuth/Bearing: 187° S07W 3324mils (True)  
Elevation Angle: -76.1°  
Horizon Angle: -02.4°  
Zoom: 1X  
bird mortality



# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/24/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 80 Low Temp (°F): 62

Start Time: 8:30:00 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:** 0830 inspect access road. No findings. 1010 inspect unit 1 ne laydown for snakes and dkf sign. No findings. 1035 noted two ravens. Followed to area which had ponded water due to firewater discharge. Contacted compliance. Compliance already aware Contractor had water area minimized at 1045. 1055 removed and relocated live sidewinder from powerblock 1. 1100 meeting. 1130 inspect access road. Picked up litter. No other findings. 1215 inspect unit 2 no findings. 1230 inspect firewater discharge areas unit 1. No findings. 1400 meeting 1500 inspect water discharge areas and water tank pads. No ponding water noted. No other findings. 1600 office. 1640 inspect water trucks for leaks. One truck with small leak reported to compliance. Inspect water tank pads 1 and 2. No ponding issues. 1655 inspect access road. No findings.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 on access road.  |
| Topsoil segregated properly?  |     |    | X   | N/A   |
| Topsoil segregation barriers maintained?  |     |    | X   | N/A   |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A   |
| Speed limit observed by all project personnel?  | X   |    |     | Observed vehicles appeared to be following speed limits and spacing.    |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed                        |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | All construction activities inside 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  |     | 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:** Follow-up to October 18 tracks north of access road. Tracks in sandy area. Following discussions with botanist and observations damage is negligible and no sensitive resources impacted. Appears as if environmentally sensitive area was not impacted Flagging

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/24/2012

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

Start Time: 6:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

## Sites Monitored

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

**Activity Log:** 6:00am checked all three water tanks. No excessive pooling observed.  
 6:15am began kit fox telemetry and camera card changes.  
 8:45am arrived at unit two block one to remove a bat that was observed by crew. Bat was flushed from area and not captured or relocated.  
 11:15am finished telemetry and camera card downloads.  
 11:30am checked all three water tanks. Excessive pooling at water tank two. Notified designated biologist.  
 11:35am excessive pooling was fixed by Sukut worker.  
 11:45pm searched for dead birds between rows of mirrors in unit two. No dead birds were observed.  
 12:30pm cleaned out tortoise grate.  
 1:00pm surveyed unit one trenches and holes for trapped wildlife. No trapped wildlife observed.  
 2:00pm searched unit two trenches and holes for trapped wildlife. No trapped wildlife was observed.  
 3:00pm cleaned up trash on shoulder of access road and searched for roadkill. No roadkill observed.

## Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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  |     | Lit cigarette thrown on middle of access road. Trash inside plant site and on shoulder of access road. |
| Topsoil segregated properly?  | X   |    |     | N/A  |
| Topsoil segregation barriers maintained?  | X   |    |     | N/A  |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A  |
| Speed limit observed by all project personnel?  | X   |    |     | N/A  |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed   |
| Work area cleared by BM prior to construction activity beginning?   | X   |    |     | N/A  |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 1  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Species observed: side blotched lizard, whiptail, zebra tailed lizard, desert iguana, raven, sidewinder.

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/25/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 80 Low Temp (°F): 58

Start Time: 7:30:00 AM Stop Time: 5:30:00 AM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 0600 received call that an owl had flew into the path of a vehicle on the access road about one mile west of the guard shack. Contacted bio monitor. Barn owl mortality removed and disposed. 0730 inspect access road. Removed and disposed one KRat mortality. No other findings. 0800 inspect leak, informed compliance, gave contractor bucket, leak puddle cleaned up. Vehicle checked and leak appears to have stopped. Bucket also beneath vehicle. 0830 noted spill near refuel station. Contacted compliance, compliance contacted contractor and had spill cleaned. 0900 investigate off site vehicle tracks north of unit 2. Tracks are from a full size vehicle. The vehicle had traveled north away from site. They appear to be recent (post outside the fence repairs) and not project related. 1040 inspect unit 2 and powerblock 2. No findings. 1100 meeting. 1115 inspect init 1 and powerblock 1 for water ponding. No ponding. 1250 inspect permanent fence installation. Discussed exclusion fence placement. Contractor to install exclusion fence on outside of security fence. 1345 inspect access road and pick up litter outside fence. No other findings. 1530 inspect unit 1. No findings. 1645 noted and reported water truck with water leak to compliance. Compliance to follow up. 1700 inspect power block 2. No findings. 1710 inspect access road, no findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>Attach Supplemental Report if needed |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | N/A  |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A  |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A  |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A  |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 3 flying.  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** N/A

# Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/25/2012

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

Start Time: 6:00:00 AM Stop Time: 1:00:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 6:10am removed and buried a road killed owl from access road  
 6:30am checked all three water tanks for leaks or ponding. No leaks or ponding observed.  
 6:45am began kit fox telemetry and camera card changes.  
 11:00am finishes kit fox telemetry.  
 11:30am downloaded camera cards.  
 12:00pm finished downloading camera cards.  
 12:15pm checked all three water tanks. No excessive ponding observed.  
 12:30pm surveyed trenches and holes in unit two. No trapped wildlife observed.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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:** Barn owl, side blotched lizard, whiptail, zebra tailed lizard, desert iguana, great egret, red tailed hawk

Date & Time: Wed Oct 24 11:51:35 PDT 2012  
Position: 11 N 690087 3723637  
Altitude: 338ft  
Azimuth/Bearing: 005° N05E 0089mils (True)  
Elevation Grade: -410%  
Horizon Grade: +008%  
Zoom: 2X  
sidewinder



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/26/2012

Monitor: Gregg Lukasek  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 79 Low Temp (°F): 64

Start Time: 6:00:00 AM Stop Time: 3:30:00 PM  
 Attachments: \_\_\_\_\_  
 Photographs: \_\_\_\_\_

### Sites Monitored

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

**Activity Log:** 6:00am began kit fox telemetry and camera card changes.  
 8:45am finished kit fox telemetry and camera card changes.  
 9:00am in office downloading camera cards.  
 9:30am surveyed unit one trenches and holes. No trapped wildlife was found.  
 10:15am checked dust north of trailers. Cause of dust was wind and not the equipment.  
 10:45am checked all three water tanks. Water tank one had excessive pooling. Notified Eric German.  
 11:00am crew came to fix water pooling.  
 11:30am surveyed unit two trenches and holes. No trapped wildlife was found.  
 1:00pm checked all three water tanks. No excessive pooling was observed.  
 1:30pm surveyed between the mirrors in unit two for dead birds. No dead birds were found.  
 3:00pm searched for sidewinder that was observed near ARB laydown area in unit one. Unable to locate sidewinder.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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  |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Side blotched lizard, zebra tailed lizard, whiptail, desert iguana, raven

## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/26/2012

Monitor: Shelly Dayman  
 Weather Conditions: Windy, Clouds: 0%, Pcp: None  
 High Temp (°F): 82 Low Temp (°F): 64

Start Time: 8:30:00 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:** 0830 access road, buried dead krat, walked in vicinity of tortoise observation from several weeks ago, no tortoise sign, but fresh DKFox tracks observed along access road  
 0930 office for reporting, DKF weekly report tables, daily report  
 1230 checked all solar arrays for avians, checked trenches and water tanks, no issues  
 445 drove access road, no mortalities

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>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 at permanent fence north of Unit 2      |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A  |

**Additional Notes:** Desert kangaroo rat, raven

Date & Time: Fri Oct 26 09:10:00 PDT 2012  
Position: 11 N 691961 3732164  
Altitude: 282ft  
Azimuth/Bearing: 195° S75W 3467mils (True)  
Elevation Angle: -86.0°  
Horizon Angle: -17.2°  
Zoom: 1X  
krat on access road



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/29/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 86 Low Temp (°F): 57

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:** 0730 inspect access road. Picked up litter. 0750 inspect powerblock 2 and water tank 2. No findings. 0815 and throughout day inspect mirror fields unit 2. No findings. 0845 inspect permanent install eastside unit 1. No findings. 0915 inspect water tank 0 and new admin area for water ponding. No findings. 0945 inspect powerblock 1 and water tank 1 No findings. 1015 inspect access road. No findings 1040 DKF camera and telemetry 1240 inspect powerblock 2 and water tank 2. No findings. 1330 remove and release tarantula from admin area. 1400 meeting. 1545 DKF camera and telemetry and inspect unit 1 south. No findings. 1645 inspect unit 1 north no findings. 1700 report leaking water truck to compliance. Water truck empty. 1710 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 appeared to obey vehicle rules. |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed  |
| Work area cleared by BM prior to construction activity beginning?   |     |    | X   | N/A   |
| Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form. |     | X  |     | N/A   |
| Tortoise exclusionary fence and/or ramps intact?  | X   |    |     | N/A   |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A   |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 3 flying.   |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A   |

**Additional Notes:** Northern harrier



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/30/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 0%, Pcp: None  
 High Temp (°F): 86 Low Temp (°F): 59

Start Time: 7:20:00 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:** 0730 observed a committee of turkey vultures (60+). Drying weeks appears to have been a night roost along access road on power poles and on proximate ground. Other members could be seen north about 1/2 mile roosting in olneua wash. 0845 inspect unit 1 north blocks. No findings. 0900 inspect water tank 1, power block 1. No findings. 0945 remove and release live tarantula from unit 1 block 8. 1015 inspect access road. No findings. 1030 Discuss monitoring with fiber optic. foreman. Monitor fiber optic. 1200. Dkf 1315 inspect powerblock 2. No findings. 1400 meeting. 1500 dkf. 1550 inspect powerblock 1. No findings. 1615 dkf. 1700 inspect access road. No findings.

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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<br>Attach Supplemental Report if needed                          |
| Work area cleared by BM prior to construction activity beginning?   | X   |    |     | Fiber optic work outside the fence is being monitored and area is 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   |    |     | Perimeter fence check completed. Fence is 100% intact.                    |
| Any nesting birds observed? Note species (if known) and location.   |     | X  |     | N/A   |
| Common Ravens Present? If yes, note number and activity.  | X   |    |     | 12; six flying, six perched   |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A   |

**Additional Notes:** Turkey vulture



Date & Time: Tue Oct 30 11:53:11 PDT 2012  
Position: 11 N 693176 3721134  
Altitude: 371ft  
Azimuth/Bearing: 065° N65E 1156mils (True)  
Elevation Angle: -13.3°  
Horizon Angle: +01.2°  
Zoom: 1X  
desert unicorn



## Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 10/31/2012

Monitor: Eric German  
 Weather Conditions: Sunny, Clouds: 5%, Pcp: None  
 High Temp (°F): 87 Low Temp (°F): 54

Start Time: 7:15:00 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:** 0715 inspect access road. Litter. No other findings. 0800 inspect powerblock 2 and water tank 2. No findings. 0830 north unit 1 inspection and dkf. No findings. 0940 inspect north laydown. No findings. 1000 office. 1045 inspect unit 2 trenches, power block and water tank 2 pad no findings. 1115 inspect unit 1, powerblock 1, water tank 1. No findings. Water tank pads inspected throughout day. Pads were maintained. 1200 inspect access road. No findings. 1215 dkf. 1400 meeting. 1430 office 1500 inspect unit 1 power block 1 and trenches. No findings. 1610 inspect access road. No findings

### Monitor Checklist

| General   | Yes | No | N/A | Comments<br>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 litter along access road.                      |
| Topsoil segregated properly?  |     |    | X   | N/A   |
| Topsoil segregation barriers maintained?  |     |    | X   | N/A   |
| All crew on site displaying hard-hat decals from WEAP training?   | X   |    |     | N/A   |
| Speed limit observed by all project personnel?  | X   |    |     | N/A   |
| Biological Issues   | Yes | No | N/A | Comments<br>Attach Supplemental Report if needed      |
| Work area cleared by BM prior to construction activity beginning?   | X   |    |     | Otf work monitored and cleared prior to construction. |
| Any desert tortoise or other T&E species 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 1 perched.                                   |
| All ESAs and other bio-related exclusion areas marked and avoided?  | X   |    |     | N/A   |

**Additional Notes:** N/A





**ATTACHMENT 4**

**SURVEY DATA FORMS**

# Genesis Solar - 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 |
|---------------|------------|-------------------------|-------------|-------------|------------------------|------------------------|----------------|------------------|---------------|------------|-------------|
| Greg Lukasek  | 10/2/2012  | R1. 691217 W, 3722767 N | 6:23:00 AM  | 6:33:00 AM  | 5000                   | 99999                  | Variable       | 2                | None          | 71         | 5%          |
| Greg Lukasek  | 10/2/2012  | R6. 687910 W, 3726586 N | 6:46:00 AM  | 6:56:00 AM  | 5000                   | 99999                  | Variable       | 2                | None          | 69         | 5%          |
| Greg Lukasek  | 10/2/2012  | R7. 686177 W, 3725504 N | 7:03:00 AM  | 7:13:00 AM  | 5000                   | 99999                  | Variable       | 1                | None          | 69         | 5%          |
| Greg Lukasek  | 10/2/2012  | R2. 686736 W, 3726215 N | 7:22:00 AM  | 7:32:00 AM  | 5000                   | 99999                  | Variable       | 1                | None          | 70         | 5%          |
| Greg Lukasek  | 10/2/2012  | R5. 685761 W, 3727662 N | 7:39:00 AM  | 7:49:00 AM  | 5000                   | 99999                  | Variable       | 1                | None          | 71         | 5%          |
| Greg Lukasek  | 10/2/2012  | R3. 683684 W, 3727437 N | 8:00:00 AM  | 8:10:00 AM  | 5000                   | 99999                  | Variable       | 1                | None          | 72         | 5%          |
| Greg Lukasek  | 10/2/2012  | R4. 683203 W, 3727508 N | 8:18:00 AM  | 8:28:00 AM  | 5000                   | 99999                  | Variable       | 1                | None          | 72         | 5%          |
| Greg Lukasek  | 10/17/2012 | R5. 685761 W, 3727662 N | 9:36:00 AM  | 9:46:00 AM  | 5000                   | 99999                  | Variable       | 1                | None          | 75         | 0%          |
| Greg Lukasek  | 10/17/2012 | R3. 683684 W, 3727437 N | 9:55:00 AM  | 10:05:00 AM | 5000                   | 99999                  | Variable       | 1                | None          | 75         | 0%          |
| Greg Lukasek  | 10/17/2012 | R4. 683203 W, 3727508 N | 10:17:00 AM | 10:27:00 AM | 5000                   | 99999                  | Variable       | 1                | None          | 76         | 0%          |
| Greg Lukasek  | 10/17/2012 | R2. 686736 W, 3726215 N | 11:07:00 AM | 11:17:00 AM | 5000                   | 99999                  | Variable       | 1                | None          | 86         | 0%          |
| Greg Lukasek  | 10/17/2012 | R7. 686177 W, 3725504 N | 11:22:00 AM | 11:32:00 AM | 5000                   | 99999                  | Variable       | 1                | None          | 86         | 0%          |
| Greg Lukasek  | 10/17/2012 | R6. 687910 W, 3726586 N | 11:39:00 AM | 11:49:00 AM | 5000                   | 99999                  | Variable       | 1                | None          | 87         | 0%          |
| Greg Lukasek  | 10/17/2012 | R1. 691217 W, 3722767 N | 12:02:00 PM | 12:12:00 PM | 5000                   | 99999                  | Variable       | 1                | None          | 88         | 0%          |
| Matt Kedziora | 10/29/2012 | R1. 691217 W, 3722767 N | 12:20:00 PM | 12:30:00 PM | 0                      | 99999                  | Variable       | 0                | None          | 85         | 0%          |
| Matt Kedziora | 10/29/2012 | R7. 686177 W, 3725504 N | 1:15:00 PM  | 1:25:00 PM  | 0                      | 99999                  | Variable       | 0                | None          | 85         | 0%          |
| Matt Kedziora | 10/29/2012 | R2. 686736 W, 3726215 N | 1:40:00 PM  | 1:50:00 PM  | 0                      | 99999                  | Variable       | 0                | -             | 85         | 0%          |
| Matt Kedziora | 10/29/2012 | R6. 687910 W, 3726586 N | 2:00:00 PM  | 2:10:00 PM  | 0                      | 99999                  | Variable       | 0                | None          | 85         | 0%          |
| Matt Kedziora | 10/29/2012 | R5. 685761 W, 3727662 N | 2:28:00 PM  | 2:38:00 PM  | 0                      | 99999                  | Variable       | 0                | None          | 85         | 0%          |
| Matt Kedziora | 10/29/2012 | R3. 683684 W, 3727437 N | 2:50:00 PM  | 3:00:00 PM  | 0                      | 99999                  | Variable       | 0                | None          | 86         | 0%          |
| Matt Kedziora | 10/29/2012 | R4. 683203 W, 3727508 N | 3:09:00 PM  | 3:19:00 PM  | 0                      | 99999                  | Variable       | 0                | None          | 86         | 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  |
|---------------|------------|-------------------------|------------------|---------|-------|-------------|---------------------------|-----------------------|-----------------------------------|---------------------------|----------------------------|--------------------|---------------------|--|
| Greg Lukasek  | 10/2/2012  | R6. 687910 W, 3726586 N | 6:46:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | -                  | -                   | No CORA observed.  |
| Greg Lukasek  | 10/2/2012  | R4. 683203 W, 3727508 N | 8:18:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | -                  | -                   | No CORA observed.  |
| Greg Lukasek  | 10/2/2012  | R2. 686736 W, 3726215 N | 7:22:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | -                  | -                   | No CORA observed.  |
| Greg Lukasek  | 10/2/2012  | R7. 686177 W, 3725504 N | 7:03:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | -                  | -                   | No CORA observed.  |
| Greg Lukasek  | 10/2/2012  | R1. 691217 W, 3722767 N | 6:23:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | -                  | -                   | No CORA observed.  |
| Greg Lukasek  | 10/2/2012  | R3. 683684 W, 3727437 N | 8:00:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | -                  | -                   | No CORA observed.  |
| Greg Lukasek  | 10/2/2012  | R5. 685761 W, 3727662 N | 7:39:00 AM       | Unknown | Adult | 2           | Walking on ground, Flying | Variable              | 1000                              | 1000                      | Other (provide details)    | NO                 | YES                 | A pair of ravens were observed flying and walking around in common area parking lot. The ravens were foraging on trash on ground near vehicles in parking lot. |
| Greg Lukasek  | 10/17/2012 | R6. 687910 W, 3726586 N | 11:39:00 AM      | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | NO                 | NO                  | No CORA Observed   |
| Greg Lukasek  | 10/17/2012 | R4. 683203 W, 3727508 N | 10:17:00 AM      | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | NO                 | NO                  | No CORA Observed   |
| Greg Lukasek  | 10/17/2012 | R7. 686177 W, 3725504 N | 11:22:00 AM      | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | NO                 | NO                  | No CORA Observed   |
| Greg Lukasek  | 10/17/2012 | R1. 691217 W, 3722767 N | 12:02:00 PM      | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | NO                 | NO                  | No CORA Observed   |
| Greg Lukasek  | 10/17/2012 | R2. 686736 W, 3726215 N | 11:07:00 AM      | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | NO                 | NO                  | No CORA Observed   |
| Greg Lukasek  | 10/17/2012 | R5. 685761 W, 3727662 N | 9:36:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | NO                 | NO                  | No CORA Observed   |
| Greg Lukasek  | 10/17/2012 | R3. 683684 W, 3727437 N | 9:55:00 AM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | NO                 | NO                  | No CORA Observed   |
| Matt Kedziora | 10/29/2012 | R5. 685761 W, 3727662 N | 2:28:00 PM       | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | N/A                | N/A                 | No CORA detected   |
| Matt Kedziora | 10/29/2012 | R1. 691217 W,           | 12:20:00         | -       | -     | 0           | -                         | -                     | -                                 | -                         | -                          | N/A                | N/A                 | No CORA detected   |

# 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 |
|---------------|------------|-------------------------|------------------|-----|-----|-------------|----------|-----------------------|-----------------------------------|---------------------------|----------------------------|--------------------|---------------------|-------------------|
|               | 2          | 3722767 N               | PM               |     |     |             |          |                       |                                   |                           |                            |                    |                     |                   |
| Matt Kedziora | 10/29/2012 | R7. 686177 W, 3725504 N | 1:15:00 PM       | -   | -   | 0           | -        | -                     | -                                 | -                         | -                          | N/A                | N/A                 | No CORA detected  |
| Matt Kedziora | 10/29/2012 | R6. 687910 W, 3726586 N | 2:00:00 PM       | -   | -   | 0           | -        | -                     | -                                 | -                         | -                          | N/A                | N/A                 | No CORA detected  |
| Matt Kedziora | 10/29/2012 | R3. 683684 W, 3727437 N | 2:50:00 PM       | -   | -   | 0           | -        | -                     | -                                 | -                         | -                          | N/A                | N/A                 | No CORA detected  |
| Matt Kedziora | 10/29/2012 | R4. 683203 W, 3727508 N | 3:09:00 PM       | -   | -   | 0           | -        | -                     | -                                 | -                         | -                          | N/A                | N/A                 | No CORA detected  |
| Matt Kedziora | 10/29/2012 | R2. 686736 W, 3726215 N | 1:40:00 PM       | -   | -   | 0           | -        | -                     | -                                 | -                         | -                          | N/A                | N/A                 | No CORA detected  |



**ATTACHMENT 5**  
**CORRESPONDENCE**

Not Applicable for October Monthly Compliance Report

## **Appendix C**

### **Haz-6**

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



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Genesis Site Safety Orientation OCT. 2012 / WCAP

| Signature | Print Name         | Company | Date     |
|-----------|--------------------|---------|----------|
| 1         | HARRY MAYLES       | NEWTRON | 10-8-12  |
| 2         | ANTHONY HEINE      | NEWTRON | 10-8-12  |
| 3         | TROY DIEDERICHS    | NEWTRON | 10-8-12  |
| 4         | DANIEL COISAD      | NEWTRON | 10-8-12  |
| 5         | GREGORY HYDEN      | NEWTRON | 10-8-12  |
| 6         | JORGE ESQUELA      | NEWTRON | 10-8-12  |
| 7         | FRANK BEALS        | NEWTRON | 10-8-12  |
| 8         | MOHAMED EL-SAHAGHY | NEWTRON | 10-16-12 |
| 9         | DARD ALVA          | NEWTRON | 10-23-12 |
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# Genesis Site Safety Orientation / WCAP

ARB Inc.

Month: October 2012

| Signature | Print Name         | Company            | Date       |           |
|-----------|--------------------|--------------------|------------|-----------|
| 1         | <i>[Signature]</i> | Filberto Ramirez   | ARB        | 9-25-12   |
| 2         | <i>[Signature]</i> | Dill Swinga        | ARB        | 9-26-12   |
| 3         | <i>[Signature]</i> | Steve Wilson       | Lauren     | 10-1-12   |
| 4         | <i>[Signature]</i> | Manuel V. Cruz     | A.R.B.     | 10-1-12   |
| 5         | <i>[Signature]</i> | JASON CHATMAN      | ARB        | 10-1-12   |
| 6         | <i>[Signature]</i> | Nick Cobb          | ARB        | 10/1/12   |
| 7         | <i>[Signature]</i> | JUAN M. OCHOA      | ARB        | 10/1/12   |
| 8         | <i>[Signature]</i> | SANCHEZ MANUEL     | ARB        | 10/01/12  |
| 9         | <i>[Signature]</i> | Jack Deiss         | ARB        | 10-1-12   |
| 10        | <i>[Signature]</i> | JORGE BENITEZ      | ARB        | 10-1-12   |
| 11        | <i>[Signature]</i> | Daniel Valdivia    | ARB        | 10-1-12   |
| 12        | <i>[Signature]</i> | Stephanie Revunkel | ARB        | 10.1.12   |
| 13        | <i>[Signature]</i> | JEFF Dieffenbacher | ARB        | 10.1.12   |
| 14        | <i>[Signature]</i> | Douglas Anderson   | ARB        | 10/1/12   |
| 15        | <i>[Signature]</i> | WILSON GARCIA      | ARB        | 10-1-12   |
| 16        | <i>[Signature]</i> | Dan Bellard        | ARB        | 10-1-12   |
| 17        | <i>[Signature]</i> | MICHAEL HOPKINS    | ARB        | 10-1-12   |
| 18        | <i>[Signature]</i> | Tina Ingerson      | ARB-Lauren | 10.4.12   |
| 19        | <i>[Signature]</i> | Saul merida        | ARB        | 10.4.12   |
| 20        | <i>[Signature]</i> | Rodney C. Dickison | ARB        | 10-7-12   |
| 21        | <i>[Signature]</i> | Jim H. Mortoa      | ARB        | 10-4-12   |
| 22        | <i>[Signature]</i> | SEAN Ruggles       | ARB        | 10-4-12   |
| 23        | <i>[Signature]</i> | JOHN V. VINCENT    | ARB        | 10-4-12   |
| 24        | <i>[Signature]</i> | GREG ABDUL RAHMAN  | A.R.B.     | 10-4-12   |
| 25        | <i>[Signature]</i> | JEFF WARD          | ARB        | 10.4.12   |
| 26        | <i>[Signature]</i> | Williams Walther   | ARB        | 10-4-12   |
| 27        | <i>[Signature]</i> | Brian Hickenbottom | ARB        | 10-4-12   |
| 28        | <i>[Signature]</i> | Simon Rodas        | ARB        | 10-8-12   |
| 29        | <i>[Signature]</i> | Jeremy W. Ho       | ARB        | 10/8/2012 |
| 30        | <i>[Signature]</i> | ROMAN DIAZ         | ARB        | 10/8/2012 |
| 31        | <i>[Signature]</i> | MARC RESTAIN       | ARB        | 10/8/2012 |
| 32        | <i>[Signature]</i> | TOM O'NEIL         | ARB        | 10-8-12   |
| 33        | <i>[Signature]</i> | GILBERT CORRAL     | ARB        | 10-8-12   |
| 34        | <i>[Signature]</i> | Luan Obregon       | ARB        | 10.8.12   |
| 35        | <i>[Signature]</i> | WALTER ANATAHI     | ARB        | 10.8.12   |

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# Genesis Site Safety Orientation / WEAP

ARB Inc.

Month: October 2012

| Signature | Print Name         | Company               | Date               |           |
|-----------|--------------------|-----------------------|--------------------|-----------|
| 1         | <i>[Signature]</i> | Thomas Rogers         | ARB                | 10/9/2012 |
| 2         | <i>[Signature]</i> | Stephen Jones         | ARB                | 10/10/12  |
| 3         | <i>[Signature]</i> | Jesse Casey           | ARB                | 10/10/12  |
| 4         | <i>[Signature]</i> | Manuel Alvarez        | ARB                | 10.11.12  |
| 5         | <i>[Signature]</i> | DAVID FROIM           | ARB                | 10-15-12  |
| 6         | <i>[Signature]</i> | ROBERT ROBINSON       | ARB                | 10-15-12  |
| 7         | <i>[Signature]</i> | George Arellano       | ARB                | 10/15/12  |
| 8         | <i>[Signature]</i> | Art. MAGUIRE III      | ARB                | OCT-15-12 |
| 9         | <i>[Signature]</i> | Eduardo Romo          | ARB                | 10/15/12  |
| 10        | <i>[Signature]</i> | William E. Richards   | ARB                | 10-15-12  |
| 11        | <i>[Signature]</i> | David Hadac           | ARB                | 10-15-12  |
| 12        | <i>[Signature]</i> | SOEL STURT            | ARB                | 10-15-12  |
| 13        | <i>[Signature]</i> | Michael Broome        | ARB                | 10-16-12  |
| 14        | <i>[Signature]</i> | JOSE REYES            | TERRA CONSTRUCTION | 10-22-12  |
| 15        | <i>[Signature]</i> | ROLANDO TAMAYO        | TERRA CONSTRUCTION | 10-22-12  |
| 16        | <i>[Signature]</i> | Manuel Brant          | TERRA CONSTRUCTION | 10-22-12  |
| 17        | <i>[Signature]</i> | Daniel Bell           | TERRA CONSTRUCTION | 10-22-12  |
| 18        | <i>[Signature]</i> | Juan Cardenas         | ARB                | 10-22-12  |
| 19        | <i>[Signature]</i> | Khalin Chauncy        | ARB                | 10-22-12  |
| 20        | <i>[Signature]</i> | Grant Bly             | ARB                | 10-22-12  |
| 21        | <i>[Signature]</i> | Antonio Hernandez     | ARB                | 10-22-12  |
| 22        | <i>[Signature]</i> | Ed. MORALES           | TERRA CONSTRUCTION | 10-22-12  |
| 23        | <i>[Signature]</i> | Paul E. Russell       | ARB                | 10-22-12  |
| 24        | <i>[Signature]</i> | JUAN JOSE PINO RIVERA | TERRA CONSTRUCTION | 10-22-12  |
| 25        | <i>[Signature]</i> | Sam Tolson            | ARB                | 10-22-12  |
| 26        | <i>[Signature]</i> | Renee Mangum          | ARB                | 10-25-12  |
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# Genesis Site Safety Orientation / WCAP

|    | Signature | Print Name         | Company              | Date     |
|----|-----------|--------------------|----------------------|----------|
| 1  |           | Joshua Salcido     | Goodwest             | 10-16-12 |
| 2  |           | Robert Padilla     | Goodwest             | 10-16-12 |
| 3  |           | Herb Buentjen      | Goodwest             | 10-16-12 |
| 4  |           | RAY TILLEY         | BRAGG                | 10-17-12 |
| 5  |           | Jeremy B. Koppice  | Marley               | 10-22-12 |
| 6  |           | RICHARD J. MULCAHY | MARLEY Cooling Tech. | 10-22-12 |
| 7  |           | AGUSTIN HERNANDEZ  | MCT                  | 10-22-12 |
| 8  |           | AZAM KARIM         | MCT                  | 10-22-12 |
| 9  |           | CECIL CRAWFORD     | MCT                  | 10-22-12 |
| 10 |           | David Young        | MCT                  | 10-22-12 |
| 11 |           | John E. Koppice    | MARLEY               | 10/22/12 |
| 12 |           | JOHN TREAT         | SPX                  | 10/22/12 |
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# Genesis Site Safety Orientation / WEAP

| Signature              | Print Name           | Company                           |          |
|------------------------|----------------------|-----------------------------------|----------|
| <del>Steve Treat</del> | STEVE TREAT          | MILLER BLADE                      |          |
| Richard Jain           | Richard Jain         | Glenn Johnson Cooling & Heat, Inc | 7/24     |
| Eberardo Castellanos   | Eberardo Castellanos | Glenn Johnson Cooling & Heat, Inc | 7/24/12  |
| James Emerson          | JAMES EMERSON        | Sunbelt Rentals                   | 7/27/12  |
| Edwards Lopez          | Edwards Lopez        | Coburn Equip.                     | 7/30-12  |
| Donald Glen Bateman    | DONALD GLEN BATEMAN  | SOUTHWEST V-DITCH                 | 7-30-12  |
| Lee Willis             | LEE WILLIS           | MILLER BLADE                      | 8-3-12   |
| James Pensa            | JAMES PENSA          | RILEY SCRAPERS                    | 8-8-12   |
| Jose Bolognan          | JOSE Bolognan        | SUKUT                             | 8-20-12  |
| Jose Medina            | JOSE MEDINA          | Sunbelt Rentals                   | 8-20-12  |
| Kyle Christian         | Kyle Christian       | SUKUT                             | 8-22-12  |
| Ricardo Lucas          | Ricardo Lucas        | Sukut                             | 8-21-12  |
| Barry Kelperis         | BARRY KELPERIS       | SUNBELT                           | 9-10-12  |
| Francis Maldonado      | Francis Maldonado    | Sukut                             | 9-18-12  |
| Gabriel Morales        | Gabriel Morales      | SUKUT                             | 9-18-12  |
| Fernan Perez           | Fernan Perez         | SUKUT                             | 9/18/12  |
| Hernan Calzon          | Hernan Calzon        | Sunbelt Rentals                   | 9-27-12  |
| William B. Shop        | William B. Shop      | Coburn Equip.                     | 10-1-12  |
| William Hozzer         | WILLIAM HOZZER       | SUKUT                             | 10-1-12  |
| Eric Laage             | ERIC LAAGE           | BEI                               | 10/15/12 |
| Brent Gardner          | Brent Gardner        | Wasatch Electric                  | 10/16/12 |
| Dan Kazisek            | DAN KAZISEK          | EPDS                              | 10/16/12 |
| Brent Dumil            | BRENT DUMIL          | WASATCH ELECTRIC                  | 10/16/12 |
| Julian Rangeli         | JULIAN RANGELI       | SIEMENS                           | 10/19/12 |
| Calvin Taylor          | Calvin Taylor        | SIEMENS                           | 10-19-12 |
| Thomas Kazisek         | Thomas Kazisek       | SIEMENS                           | 10-19-12 |
| Agustin Guezman        | AGUSTIN GUEZMAN      | SIEMENS                           | 10-19-12 |
| John Evans             | John Evans           | Maxim Crane                       | 10-19-12 |
| Daniel J. Martinez     | Daniel J. Martinez   | Soboba                            | 10-22-12 |
| W Ray Bryant           | W RAY BRYANT         | WASATCH ELECTRIC                  | 10-24-12 |
| Edward Ritten          | EDWARD RITTEN        | DATA DESIGN                       | 10-25-12 |
| Kevin Wilcox           | KEVIN WILCOX         | DATADesign                        | 10-25-12 |
| Daniel D. Stenman      | Daniel D. Stenman    | TEI - Struthers Wells             | 10-26-12 |



## **Appendix D**

### **Civil-1**

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

## Genesis PCF Matrix for October 2012

| Project                      | Submittal Title   | Submittal Description | Plan Checker  | Lead Plan Reviewer | Approval On |
|------------------------------|---|-----------------------|---------------|--------------------|-------------|
| Genesis Solar Energy Project | STRUC-1-27.0X3 - STG East West PW- Lube Oil Enclosure and STG Area Misc Supports and Platform - PCF | CBO Approved          |               | Ho, Alan           | 10/2/2012   |
| Genesis Solar Energy Project | STRUC-1-61.0X1 - Power Block Unit 1 and Unit Calc & Dwg for Atmospheric Drains Tank - PCF           | CBO Approved          |               | Ho, Alan           | 10/2/2012   |
| Genesis Solar Energy Project | STRUC-1-92.0 - Power Block Unit and 2 Disch Vessel Plan-Steel Details and Calcs - PCF               | CBO Approved          |               | Rodriguez, Eric    | 10/2/2012   |
| Genesis Solar Energy Project | ELEC-1-45.0X2 - Underground Plan Power Block 2 - PCF  | CBO Approved          |               | Son, Cristian      | 10/3/2012   |
| Genesis Solar Energy Project | ELEC-1-65.0 - ELECTRICAL CABLE SCHEDULE-STREET LIGHTING - PCF                                       | CBO Approved          |               | Son, Cristian      | 10/3/2012   |
| Genesis Solar Energy Project | ELEC-1-66.0 - ELECTRICAL OVERALL STREET LIGHTING PLAN - PCF   | CBO Approved          |               | Son, Cristian      | 10/3/2012   |
| Genesis Solar Energy Project | STRUC-1-14.0X6 - Structural Concrete Drawings and Calculations - PCF                                | CBO Approved          |               | Ho, Alan           | 10/3/2012   |
| Genesis Solar Energy Project | STRUC-1-50.0X2 - Power Block Unit 1 and 2 PDC 1-2A Foundations and Steel Supports - PCF             | CBO Approved          |               | Ho, Alan           | 10/3/2012   |
| Genesis Solar Energy Project | GEN-6-11.0 PSI Special Inspector Nathon Lorenz - PCF  | CBO Approved          |               |                    | 10/4/2012   |
| Genesis Solar Energy Project | STRUC-1-49.0X2 - Power Block Unit 1 and Unit 2 Steam Turbine Bypass Valve Structure - PCF           | CBO Approved          |               | Ho, Alan           | 10/4/2012   |
| Genesis Solar Energy Project | STRUC-1-88.0 - Power Block Unit 1 and 2 Circuit Breaker and Iso Bus Duct Supt - PCF                 | CBO Approved          |               | Ho, Alan           | 10/5/2012   |
| Genesis Solar Energy Project | STRUC-1-67.0 - Solar Field HTF UPS Superstructure - PCF   | CBO Approved          |               | Ho, Alan           | 10/9/2012   |
| Genesis Solar Energy Project | STRUC-1-76.0 - ACC Aux Platform - PCF   | CBO Approved          |               | Rodriguez, Eric    | 10/10/2012  |
| Genesis Solar Energy Project | FAB-1-20.0-USA TANK - PCF   | CBO Approved          |               | Trimberger, Tom    | 10/10/2012  |
| Genesis Solar Energy Project | FAB-1-21.0-CALDWELL - PCF   | CBO Approved          |               | Trimberger, Tom    | 10/10/2012  |
| Genesis Solar Energy Project | ELEC-1-64.0X1 - ELECTRICAL CONDUIT SCHEDULE - COMMON AREA - PCF                                     | CBO Approved          |               | Son, Cristian      | 10/11/2012  |
| Genesis Solar Energy Project | STRUC-1-504-AMMC Structural Steel Substitute - PCF  | CBO Approved          | Lee, Daniel   | Wedman, Kevin      | 10/12/2012  |
| Genesis Solar Energy Project | GEN-1-500- AMMC Temporary Fire Protection Plan for Trailer City - PCF                               | CBO Approved          | Long, Keith   | Moss, Dennis       | 10/12/2012  |
| Genesis Solar Energy Project | MECH-1-2.0 - Piping Stress Analysis - Low Pressure Feedwater Heater - PCF                           | CBO Approved          | Danandeh, Sid | Trimberger, Tom    | 10/12/2012  |
| Genesis Solar Energy Project | STRUC-1-28.0 - East West Condenser Pipeway Steel and Concrete - PCF                                 | CBO Approved          | Son, Cristian | Rodriguez, Eric    | 10/12/2012  |
| Genesis Solar Energy Project | STRUC-1-90.0 - Common Area Sleeper Way Concrete and Steel Dwg and Calcs - PCF                       | CBO Approved          | Son, Cristian | Amirazizi, Saeed   | 10/17/2012  |
| Genesis Solar Energy Project | STRUC-1-11.00-Construction Trailer Complex Plan - PCF   | CBO Approved          | Long, Keith   | Trimberger, Tom    | 10/18/2012  |

Genesis PCF Matrix for October 2012

|                              |  |              |                 |                    |            |
|------------------------------|--|--------------|-----------------|--------------------|------------|
| Genesis Solar Energy Project | STRUC-1-800.0 - Water Treatment Building Architectural Package - PCF                                 | CBO Approved | Moss, Dennis    | Long, Keith        | 10/19/2012 |
| Genesis Solar Energy Project | STRUC-1-69.0X1 - Demin Tank and Foundation - PCF   | CBO Approved | Trimberger, Tom | Ho, Alan           | 10/19/2012 |
| Genesis Solar Energy Project | STRUC-1-66.0 - Power Block PDC 1D Superstructure - PCF   | CBO Approved |                 | Ho, Alan           | 10/22/2012 |
| Genesis Solar Energy Project | STRUC-1-702.0X1 - Water Treatment Outdoor Equipment Foundations & Calcs - PCF                        | CBO Approved |                 | Amirazizi, Saeed   | 10/23/2012 |
| Genesis Solar Energy Project | ELEC-1-34.0X1 - Solar Field 2 ELECTRICAL CABLE SCHEDULE - PCF  | CBO Approved |                 | Son, Cristian      | 10/23/2012 |
| Genesis Solar Energy Project | ELEC-1-67.0 - ELECTRICAL CABLE SCHEDULE - SOLAR FIELD NO. 2 - PCF                                    | CBO Approved |                 | Son, Cristian      | 10/23/2012 |
| Genesis Solar Energy Project | ELEC-1-68.0 - CABLE TRAY AND ABOVEGROUND POWER BLOCK - SOLAR FIELD NO. 2 - PCF                       | CBO Approved |                 | Son, Cristian      | 10/23/2012 |
| Genesis Solar Energy Project | STRUC-1-64.0X2- Power Block Unit 1 and 2 PCD 1/2B -1/2C and 1/2D Foundation and Steel Supports - PCF | CBO Approved |                 | Talmage, Doug      | 10/24/2012 |
| Genesis Solar Energy Project | CIVIL-1-11.0X3 - Solar Field 2 Site Grading Drawings - PCF   | CBO Approved |                 | Bartholomew, David | 10/24/2012 |
| Genesis Solar Energy Project | ELEC-1-69.0 - ACC Lightning Protection - PCF   | CBO Approved |                 | Son, Cristian      | 10/24/2012 |
| Genesis Solar Energy Project | ELEC-1-70.0 - ELECTRICAL UNDERGROUND PLAN - SOLAR FIELD NO. 2 - PCF                                  | CBO Approved |                 | Son, Cristian      | 10/24/2012 |
| Genesis Solar Energy Project | CIVIL-1-10.0X3 - Solar Field 1 Site Grading Drawings- PCF  | CBO Approved |                 | Bartholomew, David | 10/24/2012 |
| Genesis Solar Energy Project | STRUC-1-42.0X1 - Administration Control Building Complete - PCF                                      | CBO Approved |                 | Ho, Alan           | 10/25/2012 |
| Genesis Solar Energy Project | STRUC-1-94.0 - Common Area Misc Pipe Supports Fdn and Steel MPS-00-01-030 and 035 - PCF              | CBO Approved | Son, Cristian   | Ho, Alan           | 10/26/2012 |
| Genesis Solar Energy Project | STRUC-1-95.0 - Common Area Raw Water Tank FDN - PCF  | CBO Approved |                 | Ho, Alan           | 10/26/2012 |
| Genesis Solar Energy Project | STRUC-1-306.0 - HTF Expansion Platform - PCF   | CBO Approved | Long, Keith     | Ho, Alan           | 10/29/2012 |
| Genesis Solar Energy Project | STRUC-1-27.0X4 - STG East West PW-Lube Oil Enclosure and STG Area Misc Supports and Platforms - PCF  | CBO Approved |                 | Ho, Alan           | 10/29/2012 |
| Genesis Solar Energy Project | STRUC-1-96.0 - PB 1 and 2 - Vacuum Pump A-B and Hogging Ejector FDN and MPS steel - PCF              | CBO Approved | Son, Cristian   | Ho, Alan           | 10/29/2012 |
| Genesis Solar Energy Project | ELEC-1-71.0 - ELECTRICAL ON-LINE DIAGRAM - POWER BLOCK NO 1 - PCF                                    | CBO Approved |                 | Son, Cristian      | 10/30/2012 |
| Genesis Solar Energy Project | ELEC-1-72.0 - ELECTRICAL ON-LINE DIAGRAM - POWER BLOCK NO 2 - PCF                                    | CBO Approved |                 | Son, Cristian      | 10/30/2012 |
| Genesis Solar Energy Project | STRUC-1-14.0X7 - Structural Concrete Drawings and Calculations - PCF                                 | CBO Approved |                 | Ho, Alan           | 10/30/2012 |
| Genesis Solar Energy Project | STRUC-1-705.0X1 - Cooling Towers and Water/Sump Pumps - PCF  | CBO Approved |                 | Ho, Alan           | 10/30/2012 |

Genesis PCF Matrix for October 2012

|                              |  |              |               |          |            |
|------------------------------|--|--------------|---------------|----------|------------|
| Genesis Solar Energy Project | STRUC-1-93.0 - Power Block Unit and 2 drawings and Calcs for STG East West Pipeway - PCF | CBO Approved | Son, Cristian | Ho, Alan | 10/30/2012 |
| Genesis Solar Energy Project | STRUC-1-97.0 - Common Area - Raw Water Cooler Structure FDN and Steel - PCF              | CBO Approved |               | Ho, Alan | 10/31/2012 |



# NON CONFORMANCE REPORT

Bureau Veritas North America, Inc.

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Sacramento, CA 95834

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https://bvnet.bureauveritas.com

|  |  |   |                      |
|--|--|---|----------------------|
| <b>NCR NUMBER:</b> 1   |  | <b>DATE:</b> 10-08-12                   |                      |
| <b>ORIGINATED BY:</b> Robert DeKruise  |  | <b>BUILDING/AREA:</b> Site perimeter    |                      |
| <b>CONTRACTOR/VENDOR:</b> Crown Fence  |  | <b>INSPECTED BY:</b> Robert DeKruise    |                      |
| <b>DATE REPAIR NEEDED BY :</b> Final Fence Inspection  |  |   |                      |
| <b>REFERENCE: (DRAWING, SPECIFICATION, STANDARD, EQUIPMENT NUMBER, LOCATION, ETC.)</b><br><br>Sheet A4PA-0-CV-OFE-355 for tortoise fence detail  |  |   |                      |
| <b>NON-CONFORMANCE DESCRIPTION:</b><br>Tortoise fence is installed on the inside of the security fence instead of the outside.   |  |   |                      |
| <b>SUPER/INSPECTOR:</b> <i>Robert DeKruise</i>   |  | <b>CONTRACTOR REP:</b> <i>Phil Paul</i> |                      |
| <b>DATE :</b> <i>10-08-12</i>  |  | <b>DATE :</b> <i>10/08/12</i>           |                      |
| <b>CORRECTIVE ACTION:</b><br>CEC ruled that the existing tortoise fence installed incorrectly on the inside of the security fence can remain, but the remaining 30% of fencing to be installed needs to be done per approved drawing with the tortoise fence on the outside of the security fence with a minimum 12" overlap where the inside installed tortoise fence meets the outside installed tortoise fence. |  |   |                      |
| <b>DISPOSITION:</b> <input type="checkbox"/> REWORK <input checked="" type="checkbox"/> REPAIR <input checked="" type="checkbox"/> USE AS IS <input type="checkbox"/> SCRAP <input type="checkbox"/> RETURN TO VENDOR  |  |   |                      |
| <b>REINSPECTION RESULTS:</b> <input type="checkbox"/> ACCEPTABLE <input type="checkbox"/> UNACCEPTABLE   |  |   | <b>SIGNED:</b> _____ |
| <b>PE/PM SIGNATURE</b>   |  | <b>DATE :</b>                           |                      |
| <b>ENG. APPROVAL</b>   |  | <b>DATE :</b>                           |                      |
| <b>QC APPROVAL</b>   |  | <b>DATE :</b>                           |                      |
| <b>CLOSURE DATE:</b>   |  | <b>REMARKS:</b>                         |                      |

**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

MCR for Cultural Resources

**CUL-7: Worker Environmental Awareness Program (WEAP)**

Requirement: Submit past 30 days of training records

**Workers Environmental Awareness Program**

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

**CUL-8: Construction Monitoring Program**

Requirement: Submit report of any noncompliance.

There were no compliance issues this month.

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

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

Table 1. CRMs onsite during October (by week)

| Date                    | CRMs on site |
|-------------------------|--------------|
| 10/1/2012 – 10/5/2012   | 10           |
| 10/8/2012 – 10/12/2012  | 10           |
| 10/15/2012 – 10/19/2012 | 7            |
| 10/22/2012 – 10/26/2012 | 7            |
| 10/29/2012 – 11/2/2012  | 6            |

Construction activities were monitored along parts of the main access road, in portions of Unit 1 (Blocks 1,2, 3, 4, 5, 6, 7, and 8, Channel A, Northern Contour Area, Southern Contour Area, Western Contour Area, and Common Area) and in Unit 2 (Blocks 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10). Construction activities monitored included cut and fill activities, scarification/soil preparation, caisson drilling, and various trenching activities on site. Thirty-seven of these were recorded as new isolated finds and one was recorded within the boundaries of site CA-RIV-9216. DPR 523A forms for all newly identified isolates and sites and updated DPR 523L forms for all artifacts from previously identified sites are attached to this report. These artifact numbers are preliminary pending laboratory confirmation of cultural modification.

Laboratory analysis of all finds from October is being conducted by archaeologists at AECOM’s San Diego office. To date, analysis has determined that one item is non-cultural and has been deaccessioned (GEN-JM-800). Deaccessioned materials will be kept until all cultural materials are curated, at which point they will be culled from the final collection.

**CUL-13: Flag and Avoid**

Requirement: Submit compliance documentation regarding flagging inspections.

All flagged areas are inspected weekly.



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

November 2, 2012

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

Dear Mr. Veerkamp,

This letter is to update you on SWCA Environmental Consultants paleontological mitigation monitoring activities at the GSEP site during the period of October 1 to October 31, 2012. One SWCA Paleontological Resources Monitor (PRM) was onsite full time during all grading and excavation activities exceeding 1.5 feet in depth within Unit 1 Solar Blocks 1, 2, 3, 4, 7, and 8, and Unit 2 Solar Blocks 3, 4, 5, 7, 8, 9, and 10, Power Blocks 1 and 2, the Common Area, Evaporation Ponds, and Water Diversion Channel A. All paleontological monitoring occurred in Quaternary alluvium.

During the course of monitoring in October, no fossil localities were observed, collected or recorded. No issues or concerns regarding paleontological resources were identified during the month of October. It is a pleasure working with you on this project, if you have any questions please do not hesitate to contact me.

Respectfully,

A handwritten signature in black ink that reads "Cara Corsetti". The signature is written in a cursive, flowing style.

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

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

## Safety, Environmental and Compliance Summary Safety

The Project Safety Man-Hours captured are as follows:

136653 Man hours logged this month  
843811 Man hours logged during 2012  
963493 Job total man-hours

Project total RIR 1.24  
2012 RIR 0.95

During the Month of October 2012 Genesis Solar Energy Project counted one OSHA Recordable injury.

1<sup>st</sup> aid October 18, BPC employee working in the assembly building felt pain in his back while trying to engage the crane rigging onto a torque tube. The employee reported promptly. BPC protocol includes phone interview with occupational medical professionals. The suggested treatment was ice for comfort during the evening and return to work. This was initially reported as a 1<sup>st</sup> aid Thursday October 18<sup>th</sup>. Monday October 22 the employee stated he wanted to see a doctor. The employee was prescribed pain medication upon that visit.

Four 1st Aid cases were reported for the month.

- 1<sup>st</sup> aid October 25<sup>th</sup>, Largo employee was pulling a nail with a claw hammer. The nail head broke and the employee hit himself on the lip with the hammer handle. His lip was cut from the blow and required 1<sup>st</sup> aid. The employee was able to return to work without further incident.
- 1<sup>st</sup> Aid – October 15, PMI employee was sorting small iron components pinched his gloved little finger between 2 components. The finger was cleaned and bandaged. The employee returned to work.
- 1<sup>st</sup> Aid – October 09, USA Tank employee was pinning tank dome cover components, pulled a pin loose from a connection and he struck himself on the lower lip. His lip was cleaned and bandaged onsite. The employee returned to work without further incident.
- 1<sup>st</sup> Aid – October 03, Newtron employee placing conduit into a cable tray punctured the back of his left upper forearm just below the glove cuff with a tie wire mounted on the cable tray. The wound was cleaned and bandaged. The employee returned to work.

Non –work related illness – October 23, Emergency crews responded onsite to a BPC employee who had fainted during work. The employee was transported to the hospital in Blythe and diagnosed with having a reaction to weight loss pills she had started taking the previous day. The employee was released without restrictions.

The project Safety Professionals as a group continued weekly cross audit “Job Walks”.

Contractor Safety Audits were completed and actioned.

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

The Genesis Project Safety Committee met weekly.

3<sup>rd</sup> party audits continued from Bureau Vertis weekly.

The total Safety Orientations/WEAP training for the month 184.

Weekly Focus Topics were:

- Near Miss Reporting
- Backing and Spotters
- Hot Work
- Thinking about Safety
- Falls and Fall Protection



Make the RIGHT Choice

October 1, 2012

### Vehicle Backing Safety

According to the National Safety Council, one out of four vehicle accidents can be blamed on poor backing techniques. Backing accidents cause 500 deaths and 15,000 injuries per year. The use of safe vehicle backing tips by employers and employees can help prevent accidents while on the job.

- **Get to know a vehicle's blind spots.** In a medium-sized truck, blind spots can extend up to 16 feet in front and 160 feet behind a vehicle. Drivers need to remember that mirrors can never give the whole picture while backing.
- **Think in advance.** Drivers should not put themselves into unnecessary backing situations, whenever possible back in to a parking spot so that you will be able to drive out.
- **Park defensively.** Drivers must choose easy-exit parking spaces that don't crowd neighboring vehicles and park their vehicle in the center of the parking space.
- **Do a walk-around.** Walking around a vehicle gives a driver firsthand view of the backing area and any limitations.
- **Every backing situation is new and different.** Sometimes a driver visits the same location several times a day and should be watchful each visit for changes and any new obstacles.
- **Use a spotter.** A driver should use another person to help them when backing. The driver and spotter should use hand signals instead of verbal ones and make sure they understand each other's signals. Don't have the spotter walking backwards while giving instructions.
- **When driver's spot for themselves,** they need to return to the vehicle and start backing within a few seconds after finishing the walk-around. This will allow very little time for people and/or obstacles to change behind the vehicle. Backing without a spotter should only take place after a driver has as much information about the area as possible. A back up alarm can help warn away employees and drivers of other vehicles who may try to enter the area the vehicle is backing into.

#### Long-Term Solutions to Safe Backing

- Installation of rear-vision camera systems in vehicles eliminates rear blind spots. Investing in a rear-vision camera system for vehicles can put drivers in full visual control of the rear of a vehicle.
- No amount of forward-driving experience can help a driver with backing a truck or other vehicles. All drivers need to practice in safe surroundings until they become familiar with the way the vehicle backs up compared to the direction the steering wheel is turned.
- Creation and support of a company-wide training program. The program should include a driver's course to teach and review backing techniques, as well as covering equipment usage, hand signals, dangers to avoid and other risk-lowering topics.



Welding Preheat- Hydrogen cracking in carbon steels can occur if normal precautions are not taken. Normal precautions include the preheat required or recommended by the Codes, the care of electrodes and fluxes to minimize the moisture content, and the normal use of multiple pass welds.



Make the RIGHT Choice

October 15, 2012

### Think the Job Through Safely

For years, safety experts have tried to implement programs to prevent worker injuries, and government has passed many regulations to help OSHA enforce workplace safety. But all of the laws, programs and rules in the world can't keep you from injury – if you don't *think*.

Statistics reveal that for every on-the job accident caused by unsafe conditions, there are at least four that can be attributed to unsafe acts.

What an employee does or fails to do can directly affect their safety and the safety of others. **Thinking** is a personal action that no one else can do for you. "**Failure to fully think the task through**" has been referred to as the hidden safety hazard or unsafe act that contributes to workplace accidents. Unsafe acts include both actions that are taken, as well as those failed to take to avoid risk exposures or accidents. So what are some of the reasons we fall into this trap of not thinking – before we act?

- **Anger:** Anger is another common problem and we all get angry at times. However, if you get mad enough you may not think straight, act in haste and act unsafely. If you feel yourself getting angry – stop and think about the situation, before you act or respond in anger. Count to 10 or take a deep breath before you do anything else.
- **Confusion:** If you find this happening, stop what you are doing and think. If you don't understand the instructions you have been given – ask. It's not wrong to ask questions, but it could be a hazard if you don't – if it exposes you or others to danger.
- **Daydreaming:** Daydreaming or inattention on the job is dangerous and it could kill you. If this is happening to you, force yourself to focus and concentrate on the task at hand. Don't allow your attention to drift and thoughts to wander.
- **Fatigue:** Fatigue often gets in the way of straight thinking too. If you are tired, it's often hard to think things out clearly. You can avoid this problem by getting enough sleep, eating properly and keeping yourself fit.
- **Complacency:** This can also lead to accidents. Don't let yourself become unaware of the hazards associated with your task if you feel your job is becoming routine, no matter how long you have been doing it – think about ways to improve things.
- **Worry:** This is a common problem for all of us, and no one is completely free of it all of the time. However, worry can be very distracting unless you learn to control it. There is no magic formula for controlling worry, but if you have a serious problem that you are preoccupied with – talk to your supervisor about it. He may not be able to completely solve it for you.

Think about the last accident you had at work. Where was your mind immediately before the accident? Was it focused on what you were doing? Or were you thinking about the past or some event in the future? Maybe your thoughts were just drifting. Were you bored, angry or tired?

Keeping your attention focused on what you are doing will enable you to work safely, more enjoyable and more productively.



Radiation is not the only hazard when performing radiography. On November 7th 2007 a contract radiographic technician died while working in a truck mounted x-ray darkroom on a construction site in Rock Springs, WY. The unit was standard RT equipment; 8 foot dark room mounted on a 4-wheel extend-a-cab truck. The generator was stored in a cut out on the driver's side and was pulled out to start and operate. The cause of death is believed to be carbon monoxide poisoning. Following this incident the site owner required RV type CO monitors in all contractor mobile darkrooms worldwide.



Make the RIGHT Choice

October 22, 2012

### Falls

In 2011, OSHA recorded 13 workers died on the job per day, with an average of 362 fatalities per year over the past decade as a direct result of falls.

Each year, falls consistently account for a large number of accidents and fatalities in the workplace. Events surrounding these types of accidents often involve a number of factors; including unstable work surfaces, misuse or lack of fall protection equipment and human error. Studies have shown that the many deaths and injuries from falls can be prevented with the use of guardrails, fall arrest systems, safety nets, covers and barrier guards.

Everyone must be alert to the hazards that can cause falls. If hazards are discovered, they must be reported to the supervisor and immediate action must be taken to eliminate them.

The following hazards cause a majority of falls:

- Working at elevated areas without the use of proper fall protection, always wear a personal fall arrest system that is properly fitted. Match the system to the particular work situation and keep the potential free fall distance to a minimum.
- Serious fall hazards can be caused by debris, slippery surfaces and unorganized materials and equipment in the work area. Good housekeeping practices can eliminate these hazards and reduce falls.
- Many falls can occur while hurrying -- walk, don't run.
- Stairways and stairwells can become a serious hazard. Handrails should always be placed on stairs and stairwells but in most cases, failure to use the handrails results in the most serious injuries. Also, never place or store materials or tools on stairways.
- Excavations must always be barricaded or covered. Use adequate barricades or covers that are securely fastened to prevent accidental falls.

Misuse of ladder contributes to a large number accidents and even deaths. Follow proper ladder procedures to reduce your chances:

- Ladder rails and rungs must always be of the proper design, material and size. Ladders should never be used if the rails are cracked or the rungs are broken.
- Ladders that lead to landings or walkways should extend at least 36 inches above the landing and must be securely fastened.
- Improper placement of the ladder can result in a sudden shift. The base of the ladder should be set at a distance of one-fourth the height of the ladder away from the wall or structure.
- Always use two hands when climbing a ladder. Carrying objects in one hand can cause a sudden fall. Place both hands on the side rails, or rungs.
- Ascending or descending a ladder backwards is a sure way to head for trouble. Always face the ladder when climbing, descending or working on it.

Your employer can do everything possible to provide safe working conditions but your help is essential. Report any unsafe condition you discover to your supervisor immediately, including fall hazards.



Make the RIGHT Choice

October 29, 2012

### Near Misses

A "near miss" is an unplanned event that has the potential for property damage or injury and could prevent a task from being completed. It has been reported that near misses preceded 75 percent of on-the-job injuries.

How do you handle those minor accidents or near misses in your workplace? What's your attitude toward a near miss? Do you feel momentarily relieved a near miss wasn't any worse and return to your routine? Are you told or do you tell workers to be more careful next time? Is there a plan for preventing mishaps?

Developing a proactive, not reactive, safety program should be an on-going role of everyone. The warning signs of "near misses" cannot be neglected. Understand what happened before you try to reduce or control any hazards. The following questions can help you analyze the cause of an incident:

- Was the worker using unsafe practices?
- Was the worker violating any safety practices?
- Were conditions unsafe?
- Did the worker have proper lighting?
- Was the worker taking short-cuts?
- Is the worker accident-prone?
- Was the near-victim authorized to be in that work area?

Everyone should be especially interested in each near miss occurring in their work area. Reporting the near miss is key in preventing future occurrences and should never be viewed as telling on someone. The accident that you prevent could be your own. Consider the following to assist in preventing accidents:

- Determine if proper safety practices were being used when a "near miss" occurred.
- Did a lack of skills or possibly a training concern lead up to the incident?
- Has enough time been spent on loss-control? Remember that accident prevention controls losses. Conduct safety inspections of working conditions and practices each time you walk through your work area.

Share safety responsibilities with employees. Repeat your mishap prevention message to all your workers, not just those involved in a "near miss."

Hold safety meetings following incidents so everyone hears about problem areas or about mistakes to avoid in the future. They need to understand those one-time minor injuries or damages could be extremely serious next time.

You don't need to wait for a serious injury or accident in order to analyze what changes need to be made in working conditions or safety practices. Rather, use a near miss as an opportunity to find and eliminate causes of problems that could result in injuries or property-damaging accidents.

To meet contract requirements for in-process weld inspection verify the following:

- Root pass or first layer meets the specified acceptance criteria.
- Interpass temperatures meet the specified WPS requirements.
- Cleanliness between weld passes, appearance of subsequent passes, and general compliance with specified WPS is achieved.
- Compliance of weld variables with specified WPS requirements.



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

# Genesis Site Daily Report

October 1, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** "Vehicle Backing Safety"

**Weather Conditions:** Sunny, Temp – High 105; Southeast winds at 6 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Backfilling Sleepers/pipe supports in the West end of Block 3. Drilling Pipe supports on the South side of block 2, Setting forms for equipment pads for Substation 2D in Block 6, installing rebar cages and forms for Electrical Supports between blocks 2 & 7. Caisson Installation continues in Block 10.
3. Blythe Power Constructors (K100): Completed SCE installation in Solar Field 2 Block 3 and began SCE installation in Solar Field 2 Block 4. Completed aligning pylons in Solar Field 2 Block 4 and moved to Solar Field 2 Block 2. Continued to receive material.
4. Blythe Power Constructors (K102): Continued to receive material and welding Schott Tubes. Installing pipe supports in Solar Field 2 Blocks 1 and 6 and triple joints in Unit 2 Block 1. Crossover and spool layout in Unit 2 Blocks 1 and 6.
5. Sukut (K010): Continued with site cleanup, dust control on the main access road and material receiving activities.
6. Newtron (K014): Continue ground grid installation in both Power Blocks, backfill main access road crossing into Common Area, installing wire and cable solar Rings 2 and 3
7. Largo (K015): Unit 2 – Stripped forms and backfilling Power Distribution Center 2B. Stripping and Installing column forms for the Steam Turbine Generator East/West pipe rack and forming the auxiliary boiler and the HTF steam heater foundation. Constructing the miscellaneous Steam Generation System foundations. Unit 1 – Installing rebar and stainless steel water stop for half of the Heat Transfer Fluid Drain Pit slabs. Backfilling the feed water heater. Common Area – Excavating the Wastewater sump.
8. Blythe Power Constructors (K011): Common Area- Excavating and installing drains near the Treat Water Tank. Unit 1- Excavating and installing Waste Water lines in Demin area.
9. Newtron (K029): Continue terminations Local Control Boxes in Rings 1 and 6, received and off loaded 480v panel boards.

10. SPX Technologies (K057): Installing A-Frames on Street 1 and tube bundles on Street 2. Prebuilding Turbine Exhaust Duct. Received load of steel for Unit 1.
11. Whiting Turner (K067 – Buildings): Administration Building interior rough-ins and gypsum board installations continued. Water Treatment Building slab on grad preparation continued.
12. Crown Fence (K009): Continued Security and wind fence install in Unit 1.
13. PMI (K022): Millwrights verifying sole plate elevation on the Steam Turbine Generator. Installing Pipe Rack 23 and Steam Drum Platforms. Setting pipe on Pipe rack 25 continued. Continued to receive material and equipment.
14. USA Tank (K068): Hydro Testing Treated Water Tank and staging material for Raw Water Tank install.
15. Electrical Consultants, Inc (K016): Stripping forms, setting cages and anchor bolts for switchyard foundations.
16. Blythe Power Constructors (K021): Continued staging out pipe and supports in Unit 2 Block 1. Continued to receive material.
17. Caldwell Tanks (K071): Began installing floor on Demin tank in Unit 2.



**Power Block 1 Air Cooled Condenser Steel Deliveries**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 5          |
| SWCA                    | 1          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 6          |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 25         |
| BPC(K021)               | 10         |
| Sener                   | 4          |
| Newtron (K014)          | 20         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| CRIT Representatives    | 2          |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 5          |
|                         |            |
| <b>Total</b>            | <b>711</b> |

# Genesis Site Daily Report

October 2, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** "Vehicle Backing Safety"

**Weather Conditions:** Sunny, Temp – High 103; Southeast winds at 8 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 1 – No Activity (Caissons Complete). Unit 2 – Backfilling Sleepers/pipe supports in the West end of Block 3. Drilling Pipe supports on the South side of block 2, Drilling Substation 2B on the North side of Block 3, setting forms for equipment pads for Substation 2D in Block 6, installing rebar cages and forms for Electrical Supports between blocks 2 & 7. Caisson Installation continues in Block 10.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Welding Schott Tube and installing triple joints in Unit 2 Block 1. Crossover and spool layout in Unit 2 Blocks 1 and 6. Material Receiving is ongoing.
5. Sukut (K010): Continued with site cleanup, dust control on the main access road and material receiving activities.
6. Newtron (K014): Ground grid installation Power Block 1, testing fiber optic cable Ring 5, installing wire and cable Field 1 Rings 3 and 2, setting manhole west end Field 2 Ring 2.
7. Largo (K015): Unit 2 – Backfilling Power Distribution Center 2B. Installing column forms for the STG East/West pipe rack and forming the auxiliary boiler and the Heat Transfer Fluid steam heater foundation. Constructing the miscellaneous SGS foundations. Unit 1 – Installing pump cans for the Boot Pit, excavating the Steam Generating System foundations, installing rebar in Power Distribution Center 1A. Backfilling the feed water heater. Common Area – Installing rebar in the Power Distribution Center 0A.
8. Blythe Power Constructors (K011): Common Area- Excavating and installing drains near the Treat Water Tank. Unit 1- Excavating and installing Waste Water lines in Demin area.
9. Newtron (K029): Continue terminations Local Control Boxes and installation of panel boards in Field 2 Rings 1 and 6.

10. SPX Technologies (K057): Installing A-Frames and Collection Condensate manifolds on Street 1 and tube bundles on Street 2. Prebuilding Turbine Exhaust Duct. Continued to receive material for Unit 1.
11. Whiting Turner (K067 – Buildings): Administration Building interior rough-ins and gypsum board installations continued. Water Treatment Building slab on grad preparation continued.
12. Crown Fence (K009): Continued Security and wind fence install in Unit 1.
13. PMI (K022): Millwrights verifying sole plate elevation on the Steam Turbine Generator. Installing Pipe Rack 23, 22 and Steam Drum Platforms. Setting pipe on Pipe rack 25 continued. Continued to receive material and equipment.
14. USA Tank (K068): Installing Ring 9 on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Setting rebar cages, bolt templates and forms to preparation for tomorrow's pour.
16. Blythe Power Constructors (K021): Continued staging out pipe and supports in Unit 2 Block 1. Continued to receive material.
17. Caldwell Tanks (K071): Set and Weld Rings 1 and 2 on Demin tank in Unit 2. Verifying foundation in Unit 1.



**Power Block 2 Demin Tank**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 5          |
| SWCA                    | 1          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 6          |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 27         |
| BPC(K021)               | 10         |
| Sener                   | 4          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| CRIT Representatives    | 2          |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 5          |
| <b>Total</b>            | <b>714</b> |

# Genesis Site Daily Report

October 3, 2012

**Safety:** 1st Aid reported, Newtron employee placing conduit into a cable tray punctured the back of his left upper forearm just below the glove cuff with a tie wire mounted on the cable tray. The wound was cleaned and bandaged. The employee returned to work.

**Safety Topic of the Week:** "Vehicle Backing Safety"

**Weather Conditions:** Sunny, Temp – High 106; Southwest winds at 12 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 1 – Clean-up in Block 8 (Caissons Complete). Unit 2 – Drilling Pipe supports on the South side of block 2, Setting cages/forms for Substation 2B on the North side of Block 3, Poured equipment pads for Substation 2D in Block 6, pouring Electrical Supports between blocks 2 & 7. Caisson Installation continues in Block 10.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Welding Schott Tube and installing triple joints in Unit 2 Block 1. Crossover and spool layout in Unit 2 Blocks 1 and 6. Material Receiving is ongoing.
5. Sukut (K010): Continued with site cleanup, dust control on the main access road and material receiving activities.
6. Newtron (K014): Ground grid installation Power Block 1 and 2, testing fiber optic cable Ring 5, installing wire and cable Field 1 Rings 3 and 2, setting manhole west end Field 2 Ring 5.
7. Largo (K015): Unit 2 – Backfilling Power Distribution Center 2B. Installing column forms for the Steam Turbine Generator East/West pipe rack and forming the Dearator support. Constructing the miscellaneous Steam Generation System foundations. Poured the mat for the Auxiliary Transformer and cable tray pedestals. Unit 1 – Installing pump cans for the Boot Pit, excavating the Steam Generating System foundations, installing rebar in Power Distribution Center 1A. Common Area – Installing rebar in the Power Distribution Center 0A and a few aquatic equipment pads.
8. Blythe Power Constructors (K011): Common Area- Excavating and installing drains near the Treat Water Tank. Unit 1- Excavating and installing Waste Water lines in Demin area.

9. Newtron (K029): Continue terminations Local Control Boxes and installation of panel boards in Field 2 Rings 1 and 6.
10. SPX Technologies (K057): Installed last A-Frame and Collection Condensate manifolds on Street 1 and tube bundles on Street 2. Building Turbine Exhaust Duct on East side. Installed piping on Streets 3 & 4. Receiving material for Unit 1.
11. Whiting Turner (K067 – Buildings): Administration Building interior rough-ins and gypsum board installations continued. Water Treatment Building slab on grad preparation continued.
12. Crown Fence (K009): Continued Security and wind fence install in Unit 1.
13. PMI (K022): Millwrights verifying sole plate elevation on the Steam Turbine Generator. Installing Pipe Rack 22 and Steam Drum Platforms. Setting pipe on Pipe rack 25 continued. Preparing for Steam Drum shipment tomorrow. Continued to receive material and equipment.
14. USA Tank (K068): Installing Ring 9 and eve angle on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Poured 27 switchgear steel foundations.
16. Blythe Power Constructors (K021): Continued staging out pipe and supports in Unit 2 Block 1 and qualify welders. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Setting and welding Rings 1 and 2 on Demin tank in Unit 1.



**Power Block 2**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 5          |
| SWCA                    | 1          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 6          |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 4          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| CRIT Representatives    | 2          |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 5          |
|                         |            |
| <b>Total</b>            | <b>716</b> |

# Genesis Site Daily Report

October 4, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Vehicle Backing Safety”

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

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 1 – Clean-up in Block 8. Unit 2 – Drilling Pipe supports on the South side of Block 2, setting cages/forms for Substation 2B on the North side of Block 3, pouring Electrical Supports between Blocks 2 & 7. Caisson Installation continues in Block 10.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Welding Schott Tube and installing triple joints in Unit 2 Block 1. Crossover and spool layout in Unit 2 Blocks 1 and 6. Material Receiving is ongoing.
5. Sukut (K010): Continued with site cleanup, dust control on the main access road and material receiving activities.
6. Newtron (K014): Ground grid installation Power Block 1 and 2, testing fiber optic cable Ring 5 and installing wire and cable Field 1 Rings 3 and 2.
7. Largo (K015): Unit 2 – Backfilling Power Distribution Center 2B. Installing column forms for the Steam Turbine Generator East/West pipe rack and forming the Dearator support. Constructing the miscellaneous Steam Generation System foundations. Unit 1 – Installing pump cans for the Boot Pit, excavating the Steam Generating System foundations, installing rebar in Power Distribution Center 1A. Common Area – Installing rebar in the Power Distribution Center 0A.
8. Blythe Power Constructors (K011): Common Area- Excavating and installing drains near the Treat Water Tank. Unit 1- Excavating and installing Waste Water lines in Demin area.
9. Newtron (K029): Continue terminations Local Control Boxes and installation of panel boards in Field 2 Rings 1 and 6.

10. SPX Technologies (K057): Installing tube bundles on Street 2 and Turbine Exhaust Duct. Installing pipe on Street 3 and 4. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Administration Building interior rough-ins and gypsum board installations continued. Poured Water Treatment building slab.
12. Crown Fence (K009): Continued Security and wind fence install in Unit 1.
13. PMI (K022): Millwrights verifying sole plate elevation on the Steam Turbine Generator. Installing Pipe Rack 22 and Steam Drum Platforms. Setting pipe on Pipe rack 25 continued. Offloaded and set Steam Drum on Train 1.
14. USA Tank (K068): Continued installing Ring 9 and eve angle on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Pouring and stripping foundations in switch gear yard.
16. Blythe Power Constructors (K021): Continued staging out pipe and supports in Unit 2 Block 1 and qualify welders. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Unit 1-Setting and welding Rings 1 and 2. Unit 2- Setting and welding Ring 3.



**Power Block 2**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 5          |
| SWCA                    | 1          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 6          |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 4          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| CRIT Representatives    | 2          |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 5          |
|                         |            |
| <b>Total</b>            | <b>716</b> |

# Genesis Site Daily Report

October 5, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Vehicle Backing Safety”

**Weather Conditions:** Sunny, Temp – High 98; Southeast winds at 2 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): No Activity.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Welding Schott Tube and installing triple joints in Unit 2 Block 1. Crossover and spool layout in Unit 2 Blocks 1 and 6. Material Receiving is ongoing.
5. Sukut (K010): Continued with dust control on the main access road and material receiving activities.
6. Newtron (K014): No Activity.
7. Largo (K015): No Activity.
8. Blythe Power Constructors (K011): No Activity.
9. Newtron (K029): No Activity.
10. SPX Technologies (K057): Installing tube bundles on Street 2 and Turbine Exhaust Duct on East side. Installing pipe on Street 3 and 4. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): No Activity.
12. Crown Fence (K009): No Activity.
13. PMI (K022): Installing the Boiler Feed Water Motor and structural steel. Continued stringing pipe on Pipe Rack 25.

14. USA Tank (K068): Began framing dome on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): No Activity.
16. Blythe Power Constructors (K021): Continued staging out pipe and supports in Unit 2 Block 1 and qualifying welders. Material Receiving is ongoing.
17. Caldwell Tanks (K071): No Activity.



**Power Block 2**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 3          |
| SWCA                    | 1          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 3          |
| Terracon                | 1          |
| AECOM                   | 4          |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 0          |
| Largo (K015)            | 0          |
| BPC (K100)              | 78         |
| BPC (K011)              | 0          |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 4          |
| Newtron (K014)          | 0          |
| Newtron (K029)          | 0          |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 0          |
| Crown Fence (K009)      | 0          |
| PMI (K022)              | 83         |
| CRIT Representatives    | 2          |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 0          |
| Caldwell Tank (K071)    | 0          |
| <b>Total</b>            | <b>420</b> |

# Genesis Site Daily Report

October 8, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Forklift Safety”

**Weather Conditions:** Sunny, Temp – High 94; South winds at 12 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Constructing Pipe supports on the South side of block 4. Caisson Installation continues in Block 10.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Welding Schott Tube and installing triple joints in Unit 2 Block 1. Crossover and spool layout in Unit 2 Blocks 1 and 6. Material Receiving is ongoing.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Installing ground wire in both Power Blocks. Installing cable in Ring 2 Unit 1. Backfilling cable in Ring 3 Unit 1. Excavating cable trenches in Ring 8 Unit 1.
7. Largo (K015): Unit 2 – Installing column forms for the Steam Turbine Generator East/West pipe rack. Constructing the miscellaneous Steam Generation System foundations. Working on the wall for the Auxiliary transformer and forming for the service station transformer. Installing conduit in the Main Transformer to Switchyard duct bank. Unit 1 – Constructing the Boot Pit, excavating the Steam Generating System foundations, Power Distribution Center 1A. Common Area – Installing rebar in the Power Distribution Center 0A pedestals and a few aquatic equipment pads.
8. Blythe Power Constructors (K011): Common Area- Backfilling Waste Water Drains near the Treated Water Tank and excavating Waste Water pipe to the evaporation ponds. Filling Fire Water lines for hydro test. Unit 1- Installing Waste Water Drains near Demin Tank.
9. Newtron (K029): Installing flex and Local Control Boxes in Unit 2 Block 6.

10. SPX Technologies (K057): Installing tube bundles on Street 1 and Turbine Exhaust Duct on East side. Installing pipe on Street 3 and 4. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations commenced today. Administration Building interior finishes continued along with mechanical, electrical, and plumbing finishes.
12. Crown Fence (K009): Installing Security and Wind Fence in Unit 1.
13. PMI (K022): Installing the Boiler Feed Water Motor and structural steel. Continued stringing pipe on Pipe Rack 25.
14. USA Tank (K068): Continued framing dome on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Installing rebar cages for pour on Wednesday.
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Welding Rings 3 and 4 on the Demin Tank in Unit 2.



**Solar Field 2 Blocks 3 and 4**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 3          |
| SWCA                    | 1          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 4          |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 4          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| CRIT Representatives    | 2          |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 7          |
|                         |            |
| <b>Total</b>            | <b>714</b> |

# Genesis Site Daily Report

October 9, 2012

**Safety:** A 1st aid was reported today when a U.S.A. Tank Employee pinning tank dome cover components pulled a pin loose from a connection and he struck himself on the lower lip. His lip was cleaned and bandaged onsite. The employee returned to work without further incident.

**Safety Topic of the Week:** "Forklift Safety"

**Weather Conditions:** Sunny, Temp – High 93; South winds at 14 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Constructing Pipe supports on the South side of block 4. Caisson Installation continues in Block 10.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Install and set elevation for miscellaneous pipe supports in Unit 2 Block 3. Installing triple joints and fixed ends in Unit 2 Block 1. Orbital welding of Triple joints and material receiving continued.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Installing ground in both Power Blocks. Installing cable in Ring 2 Unit 1. Backfilling cable in Ring 3 Unit 1. Excavating and installing cable in Ring 8 Unit 1.
7. Largo (K015): Unit 2 – Installing column forms for the Steam Turbine Generator East/West pipe rack. Constructing the miscellaneous Steam Generation System foundations. Working on the wall for the Auxiliary transformer and forming for the service station transformer. Poured duct bank for a portion of the Main Transformer to Switchyard. Installing Post installed bolts in the main transformer blast wall. Forming drain trench for the containment slab. Forming the Atmospheric Drain Tank. Unit 1 – Constructing the Boot Pit, excavating the Steam Generating System foundations, installing bottom mat rebar in the Power Distribution Center 1A. Common Area – Installing rebar in the Power Distribution Center 0A pedestals and forming a few aquatic equipment pads, installing slab rebar dowels in the Wastewater Sump.

8. Blythe Power Constructors (K011): Common Area- Installing Waste Water pipe to the evaporation ponds. Filling Fire Water line for hydro test. Unit 1- Installing Waste Water Drains near Demin Tank.
9. Newtron (K029): Installing flex and Local Control Boxes in Unit 2 Block 6.
10. SPX Technologies (K057): Installing tube bundles on Street 1 and Turbine Exhaust Duct on East side. Installing pipe on Street 3 and 4. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations continued. Administration Building interior finishes continued along with mechanical, electrical, and plumbing finishes.
12. Crown Fence (K009): Installing Security and Wind Fence in Unit 1.
13. PMI (K022): Installing Feed Water structure and stringing pipe on Pipe Rack 25. Began staging out Siemens Pipe.
14. USA Tank (K068): Continued framing dome on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Installing rebar cages and bolts for pour on tomorrow.
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Fit and Weld Ring 3 on the Demin Tank in Unit 2.



**Solar Field 2 Block 1**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 9          |
| SWCA                    | 2          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 12         |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 7          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 7          |
| <b>Total</b>            | <b>730</b> |

# Genesis Site Daily Report

October 10, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Forklift Safety”

**Weather Conditions:** Sunny, Temp – High 90; South winds at 14 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Constructing Pipe supports on the South side of block 4, drilling on the North side of Block 2. Started drilling alternate sleepers on the North side of Block 5. Caisson and sleeper Installation continues in Block 10, with drilling starting in Block 9.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Install and set elevation for miscellaneous pipe supports in Unit 2 Block 3. Installing triple joints and fixed ends in Unit 2 Block 1. Orbital welding of Triple joints and material receiving continued.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Installing ground in both Power Blocks. Installing cable in Ring 2 Unit 1. Testing cable in Ring 3 Unit 1. Excavating and installing cable in Ring 8 Unit 1.
7. Largo (K015): Unit 2 – Installing column forms for the Steam Turbine Generator East/West pipe rack. Constructing the miscellaneous Steam Generation System foundations. Working on the Auxiliary transformer and the service station transformer. Poured duct bank for a portion of the Main Transformer to Switchyard. Continued installing Post installed bolts in the main transformer blast wall. Forming drain trench for the containment slab. Forming the Atmospheric Drain Tank. Excavating for Pipe rack 23 West. Unit 1 – Constructing the Boot Pit, excavating the Steam Generating System foundations, installing bottom mat rebar in the Power Distribution Center 1A. Common Area – Installing rebar in the Power Distribution Center 0A pedestals and forming a few aquatic equipment pads, poured slab in the Wastewater Sump.
8. Blythe Power Constructors (K011): Common Area- Installing Waste Water pipe to the evaporation ponds. Filling Fire Water line for hydro test. Unit 1- Installing Waste Water Drains near Demin Tank.

9. Newtron (K029): Terminating and installing flex in Unit 2 Block 6. Installing Local Control in Unit 2 Ring 3.
10. SPX Technologies (K057): Installing tube bundles on Street 1 and Turbine Exhaust Duct on East side. Installing pipe on Street 3 and 4. Working on the wind wall on the North side. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations continued. Administration Building interior finishes continued along with mechanical, electrical, and plumbing finishes.
12. Crown Fence (K009): Installing Security and Wind Fence in Unit 1.
13. PMI (K022): Installing Feed Water structure and stringing pipe on Pipe Rack 25. Rattling out pipe rack 23. Offloaded and set Train 2 Steam Drum.
14. USA Tank (K068): Continued framing dome on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Continue foundation layout, support bolt set locations, drilling caisson foundations, setting rebar cages, mounting foundation forms and placing concrete.
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Fit and Weld Ring 3 and 4 on the Demin Tanks in both Units. .



**Power Block 2**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 9          |
| SWCA                    | 2          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 12         |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 7          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 10         |
| Caldwell Tank (K071)    | 7          |
| <b>Total</b>            | <b>733</b> |

# Genesis Site Daily Report

October 11, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Forklift Safety”

**Weather Conditions:** Sunny, Temp – High 85; Southwest winds at 18 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Pouring pipe supports on the south side of Block 3 and drilling on the North side of Block 2. Continued drilling sleepers on the North side of Block 5. Caisson and sleeper installation continues in Block 10, with drilling continuing in Block 9.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Install and set elevation for miscellaneous pipe supports in Unit 2 Block 3. Installing triple joints and fixed ends in Unit 2 Block 1. Orbital welding of Triple joints and material receiving continued.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Installing ground in both Power Blocks. Inspecting cable in Ring 2 Unit 1. Testing cable in Ring 3 Unit 1. Installing cable in Ring 8 Unit 1. Excavating in Ring 10 Unit 2.
7. Largo (K015): Unit 2 – Installing column forms for the Steam Turbine Generator East/West pipe rack. Constructing the miscellaneous Steam Generation System foundations. Working on the Auxiliary transformer and the service station transformer. Poured duct bank the remainder of the Main Transformer to Switchyard. Continued installing Post installed bolts in the main transformer blast wall. Forming drain trench for the containment slab. Forming the Atmospheric Drain Tank. Excavating for Pipe rack 23 West. Unit 1 – Constructing the Boot Pit, excavating the Steam Generating System foundations, installing bottom mat rebar in the Power Distribution Center 1A. Common Area – Installing rebar in the Power Distribution Center 0A pedestals and forming a few aquatic equipment pads.
8. Blythe Power Constructors (K011): Common Area- Installing Waste Water pipe to the evaporation ponds. Filling Fire Water and Treated Water line for hydro test. Unit 1- Installing Potable Water Lines.

9. Newtron (K029): Terminating and installing flex in Unit 2 Block 6. Installing Local Control in Unit 2 Ring 3.
10. SPX Technologies (K057): Installing Turbine Exhaust Duct on East side. Installing pipe on Streets 2, 3 and 4. Working on the wind wall on the North side. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations continued. Administration Building interior finishes continued along with mechanical, electrical, and plumbing finishes.
12. Crown Fence (K009): Installing Security and Wind Fence in both Units.
13. PMI (K022): Installing Feed Water structure and aligning pump. Stringing air and Natural Gas lines on Pipe Rack 25.
14. USA Tank (K068): Hanging platforms on the Waste Water Tank and installing Ring 8 on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Continue foundation layout, support bolt set locations, drilling caisson foundations, setting rebar cages, mounting foundation forms and placing concrete.
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Fit and Weld Ring 5 on the Demin Tanks in both Units. .



**Common Area-Water Treatment Building**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 9          |
| SWCA                    | 2          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 12         |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 38         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 4          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 83         |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 10         |
| Caldwell Tank (K071)    | 7          |
|                         |            |
| <b>Total</b>            | <b>730</b> |

# Genesis Site Daily Report

October 12, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Forklift Safety”

**Weather Conditions:** Sunny, Temp – High 78; Southeast winds at 5 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): No Activity.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Install and set elevation for miscellaneous pipe supports in Unit 2 Block 3. Installing triple joints and fixed ends in Unit 2 Block 1. Orbital welding of Triple joints and material receiving continued.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): No Activity.
7. Largo (K015): Unit 2 – Constructing the miscellaneous SGS foundations. Working on the Auxiliary transformer and the service station transformer. Backfilling a portion of duct bank from the Main Transformer to Switchyard, also drilling and epoxying bolts on the blast wall. Forming and installing angle embed on the drain trench for the containment slab. Forming the Atmospheric Drain Tank. Excavating for Pipe rack 23 West. Poured some of the Air Cooled Condenser footings. Unit 1 – No Activity. Common Area – Forming Pedestals in the Power Distribution Center 0A, and forming walls in the Wastewater Sump.
8. Blythe Power Constructors (K011): No Activity.
9. Newtron (K029): No Activity.
10. SPX Technologies (K057): Installing Turbine Exhaust Duct on East side. Installing pipe on Streets 2, 3 and 4. Working on the wind wall on the North side. Shaking out structural steel in Unit 1.

11. Whiting Turner (K067 – Buildings): Cleaning up work areas.
12. Crown Fence (K009): No Activity.
13. PMI (K022): Prepping for Steam Turbine Generator install. Installing Air, Closed Cooling and Natural Gas lines on Pipe Rack 25. Grouting leveling plates and aligning Boiler Feeder Water Pump. Set the Auxiliary Heater. Continue work on Pipe Rack 23 and Steam Drum Train.
14. USA Tank (K068): Installing Ring 8 on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): No Activity.
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1. Material Receiving is ongoing.
17. Caldwell Tanks (K071): No Activity.



**Power Block 2**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 2          |
| SWCA                    | 1          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 7          |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 0          |
| Largo (K015)            | 35         |
| BPC (K100)              | 78         |
| BPC (K011)              | 0          |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 4          |
| Newtron (K014)          | 0          |
| Newtron (K029)          | 0          |
| Holt Group              | 1          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 7          |
| Crown Fence (K009)      | 0          |
| PMI (K022)              | 92         |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 0          |
| Caldwell Tank (K071)    | 0          |
|                         |            |
| <b>Total</b>            | <b>472</b> |

# Genesis Site Daily Report

October 15, 2012

**Safety:** 1st aid reported today from PMI when an employee sorting small iron components pinched his gloved little finger between 2 components. The finger was cleaned and bandaged. The employee returned to work.

**Safety Topic of the Week:** “Think the Job Through Safely”

**Weather Conditions:** Sunny, Temp – High 95; Southeast winds at 2 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Drilling Pipe supports and sleepers on the South side of block 4, Constructing Sleepers on the North side of Block 10 and pipe supports on the South side of Block 3. Completed pouring Caisson in Block 10 and started pouring in Block 9. Continued drilling and setting rebar cages in Block 9.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Install and set elevation for miscellaneous pipe supports in Unit 2 Block 3 and 7. Installing triple joints and fixed ends in Unit 2 Block 1. Orbital welding of Triple joints and material receiving continued.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Installing ground in both Power Blocks. Installing cable in Ring 8 Unit 1. Excavating in Ring 10 Unit 2.
7. Largo (K015): Unit 2 – Installing column ties for the Steam Turbine Generator North/South pipe rack. Constructing the miscellaneous Steam Generation System foundations. Working on the Auxiliary transformer and the service station transformer walls. Continued drilling for the Post installed bolts in the main transformer blast wall. Installing water stop for the drain trench for the containment slab. Excavating for the main circular pumps just south of Pipe rack 23 West. Unit 1 – Constructing the Boot Pit, Installing rebar in the Steam Generating System foundations, installing bottom mat rebar in the Power Distribution Center 1A. Common Area – Installing rebar in the Power Distribution Center 0A pedestals, and installing rebar in the Wastewater Sump.

8. Blythe Power Constructors (K011): Began excavation and installation of Treated Water near the Power Distribution Center 1B. Installing Waste Water pipe to evaporation ponds. Installing bollards in Power Block 2.
9. Newtron (K029): Installing instruments and flex in unit 2 Blocks 1 and 6.
10. SPX Technologies (K057): Installing Turbine Exhaust Duct riser on Streets 3 and 4. Installing Steam Duct Manifold on Street 2. Working on the wind wall on the South side. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations continued. Administration building finishes continued.
12. Crown Fence (K009): Installing wind fence in Unit 1.
13. PMI (K022): Set Unit 2 Low Pressure Turbine. Installing Compressed Air, Closed Cooling and Natural Gas lines on Pipe Rack 25. Continue work on Pipe Rack 23 grating. Prepped Steam Generation interstitial pipe.
14. USA Tank (K068): No Activity.
15. Electrical Consultants, Inc (K016): Stripping forms and cleaning up switch yard area.
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1 and 6. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Continue fitting and welding Demin Tanks in both Units.



**Power Block 2- Setting Low Pressure Turbine**

**Personnel on Site:**

|                         |     |
|-------------------------|-----|
| Genesis Team            | 25  |
| NAM                     | 9   |
| SWCA                    | 2   |
| Sukut (K010)            | 12  |
| Sukut (K008)            | 28  |
| PSI Testing (K007)      | 5   |
| Terracon                | 1   |
| AECOM                   | 10  |
| Guardsmark (K005)       | 5   |
| Largo (K013)            | 110 |
| Largo (K015)            | 62  |
| BPC (K100)              | 78  |
| BPC (K011)              | 32  |
| BPC (K102)              | 27  |
| BPC(K021)               | 12  |
| Sener                   | 6   |
| Newtron (K014)          | 20  |
| Newtron (K029)          | 10  |
| Holt Group              | 2   |
| SPX Technologies (K057) | 123 |
| Whiting Turner (K067)   | 22  |
| Crown Fence (K009)      | 15  |
| PMI (K022)              | 92  |
| USA Tank (K068)         | 0   |
| ECI(K016)               | 7   |
| Caldwell Tank (K071)    | 7   |

**Total** **722**

# Genesis Site Daily Report

October 16, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Think the Job Through Safely”

**Weather Conditions:** Sunny, Temp – High 95; Southeast winds at 7 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Drilling Pipe supports and sleepers on the South side of block 4, Constructing Sleepers on the North side of Block 10 and pipe supports on the South side of Block 3. Pouring pipe supports on the south side of Block 2. Constructing Caissons in Block 9 and started layout in Block 8.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Install and set elevation for miscellaneous pipe supports in Unit 2 Block 3 and 7. Installing triple joints and fixed ends in Unit 2 Block 1. Orbital welding of Triple joints and material receiving continued.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Installing ground in both Power Blocks. Installing cable in Ring 8 Unit 1. Excavating in Ring 10 Unit 2.
7. Largo (K015): Unit 2 – Installing column ties and forms for the Steam Turbine Generator North/South pipe rack. Constructing the miscellaneous Steam Generation System foundations. Poured the center pedestal for the Auxiliary transformer wall and the service station transformer slab. Backfilling the main transformer blast wall. Poured the atmospheric drain tank foundation. Excavating for the main circular pumps just south of Pipe rack 23 West. Installing rebar in the Heat Transfer Fluid Expansion Vessel foundations. Unit 1 – Constructing the Boot Pit, Installing rebar in the Steam Generating System foundations, installing pedestal rebar in the Power Distribution Center 1A. Common Area – Stripped forms on the Power Distribution Center 0A pedestals, and installing rebar in the Wastewater Sump.

8. Blythe Power Constructors (K011): Began excavation and installation of Treated Water near the Power Distribution Center 1B. Installing Waste Water pipe to evaporation ponds. Installing bollards in Unit 2.
9. Newtron (K029): Installing instruments and flex in Unit 2 Blocks 1 and 6.
10. SPX Technologies (K057): Installing Turbine Exhaust Duct riser on Streets 3 and 4. Installing Steam Duct Manifold on Street 2. Working on the wind wall on the South side. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations continued. Administration building finishes continued.
12. Crown Fence (K009): Installing wind fence in Unit 1.
13. PMI (K022): Set Unit 2 Siemens Generator. Installing Compressed Air, Closed Cooling and Natural Gas lines on Pipe Rack 25. Continue work on Pipe Rack 23 grating. Prepped Steam Generation interstitial pipe.
14. USA Tank (K068): Installing Ring 7 on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Excavating for control house foundation..
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1 and 6. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Continue fitting and welding Demin Tanks in both Units.



**Power Block 2**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 9          |
| SWCA                    | 2          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 10         |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 110        |
| Largo (K015)            | 62         |
| BPC (K100)              | 78         |
| BPC (K011)              | 32         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 6          |
| Newtron (K014)          | 20         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 92         |
| USA Tank (K068)         | 0          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 7          |
|                         |            |
| <b>Total</b>            | <b>722</b> |

# Genesis Site Daily Report

October 17, 2012

**Safety:** No Accident or Injury.

**Safety Topic of the Week:** “Think the Job Through Safely”

**Weather Conditions:** Sunny, Temp – High 93; Southwest winds at 5 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Drilling Pipe supports and sleepers on the South side of block 4, Constructing Sleepers on the North side of Block 10 and pipe supports on the South side of Block 3. Pouring pipe supports on the south side of Block 2. Constructing Caissons in Block 9 and started layout in Block 8.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 4 and shaking out pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Install and set elevation for miscellaneous pipe supports in Unit 2 Block 3 and 7. Installing triple joints and fixed ends in Unit 2 Block 1. Orbital welding of Triple joints and material receiving continued.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Installing ground in both Power Blocks. Installing cable in Ring 8 Unit 1. Excavating in Ring 10 Unit 2.
7. Largo (K015): Unit 2 – Poured remaining columns for the Steam Turbine Generator North/South pipe rack. Constructing the miscellaneous Steam Generation System foundations. Backfilling the main transformer blast wall. Excavating for the main circular pumps just south of Pipe rack 23 West. Pouring the Heat Transfer Fluid Expansion Vessel foundations. Unit 1 – Constructing the Boot Pit, Installing rebar in the Steam Generating System foundations, Poured first 3 slabs in the Heat Transfer Fluid Pit, working on the Steam Turbine Generator block. Common Area – Backfilling the Power Distribution Center 0A pedestals.
8. Blythe Power Constructors (K011): Installing Treated Water near the Power Distribution Center 1B. Installing Waste Water pipe to evaporation ponds. Installing bollards in Unit 2. Performed Hydro Test of Solar Field Treated Water Lines.

9. Newtron (K029): Installing instruments and flex in Unit 2 Blocks 1 and 6. Installing Local Control Boxes in Unit 2 Ring 3.
10. SPX Technologies (K057): Installing Turbine Exhaust Duct riser on Streets 3 and 4. Installing Steam Duct Manifold on Street 2. Installing pipe on Streets 2, 3 and 4. Working on the wind wall on the South side. Shaking out structural steel in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations continued. Administration building finishes continued.
12. Crown Fence (K009): Installing security fence in Unit 1 and trenching for the wind fence in Unit 2.
13. PMI (K022): Set Unit 2 Siemens Generator. Installing Compressed Air, Closed Cooling and Natural Gas lines on Pipe Rack 25. Continue work on Pipe Rack 23 grating. Prepped Steam Generation interstitial pipe.
14. USA Tank (K068): Completed Ring 7 on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Completed cage installation and forms for control house foundation.
16. Blythe Power Constructors (K021): Continued staging out and welding pipe in Unit 2 Block 1 and 6. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Continue fitting and welding Demin Tanks in both Units. Began dome roof frame up on Unit 2 Tank.



**Common Area**

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 9          |
| SWCA                    | 2          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 10         |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 103        |
| Largo (K015)            | 76         |
| BPC (K100)              | 78         |
| BPC (K011)              | 32         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 6          |
| Newtron (K014)          | 20         |
| Newtron (K029)          | 10         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 92         |
| USA Tank (K068)         | 0          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 7          |
|                         |            |
| <b>Total</b>            | <b>729</b> |

# Genesis Site Daily Report

October 18, 2012

**Safety:** 1st aid reported from BPC when an employee working in the assembly building felt pain in his back while trying to engage the crane rigging onto a torque tube. The employee reported promptly. BPC protocol includes phone interview with occupational medical professionals. The suggested treatment was heat for comfort during the evening and return to work.

**Safety Topic of the Week:** “Think the Job Through Safely”

**Weather Conditions:** Sunny, Temp – High 92; Southeast winds at 6 mph

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

## Items completed and working:

1. Site Preparation (K008): Trapezoidal ditch installation continued.
2. Largo (K013): Unit 2 – Drilling Pipe supports and sleepers on the South side of block 4, Constructing Sleepers on the North side of Block 10 and pipe supports on the South side of Block 3. Pouring pipe supports on the south side of Block 2. Constructing Caissons in Block 9 and continuing layout in Block 8.
3. Blythe Power Constructors (K100): Continued SCE installation in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 5. Material Receiving is ongoing.
4. Blythe Power Constructors (K102): Prepping and aligning double swivels for install. Continuing triple joint and fixed ends install.
5. Sukut (K010): Continued with dust control, miscellaneous site clean-up and material receiving activities.
6. Newtron (K014): Continue ground installation Power Block 1, supporting underground installation, excavation in Ring 10 Field 2, final cleanup Ring 3 Field 1, backfill/compaction Ring 2 and installing cabling Ring 8, setting electrical vaults Ring 8 and Power Block 1.
7. Largo (K015): Unit 2 –Constructing the miscellaneous Steam Generation System foundations. Backfilling the main transformer blast wall. Excavating for the main circular pumps just south of Pipe Rack 23 West. Pouring the Heat Transfer Fluid Expansion Vessel foundations. Unit 1 – Constructing the Boot Pit, Installing rebar in the Steam Generating System foundations, working the Steam Turbine Generator block. Common Area – Backfilling the Power Distribution Center 0A pedestals.
8. Blythe Power Constructors (K011): Installing Treated Water near the Power Distribution Center 1B. Excavation Waste Water Drain Lines in the Common Area. Installing bollards in both Units. Prepping for Raw Water Hydro Test.

9. Newtron (K029): Continue Local Control Box, panel boards, raceway and devices install in Ring 3 Field 2. Setting switchgear, selector switch, transformer Field 2 Substation 2D, pulling cable tails.
10. SPX Technologies (K057): Installing Turbine Exhaust Duct riser on Streets 3 and 4. Installing Steam Duct Manifold on Street 2. Installing pipe on Streets 2, 3 and 4. Working on the wind wall on the South side. Shaking out Steam Duct and Collection Condensate Manifolds in Unit 1.
11. Whiting Turner (K067 – Buildings): Water Treatment Building steel installations continued. Administration building finishes continued.
12. Crown Fence (K009): Installing security fence and trenching for the wind fence in Unit 2.
13. PMI (K022): Installing Compressed Air, Closed Cooling and Natural Gas lines on Pipe Rack 25. Continue work on Pipe Rack 23 grating. Prepped Steam Generation interstitial pipe.
14. USA Tank (K068): Installing Ring 6 on the Filtered Water Tank.
15. Electrical Consultants, Inc (K016): Completed framing control house foundations, completed inspection and placed concrete.
16. Blythe Power Constructors (K021): Welding pipe in Unit 2 Block 1 and 6. Staging out pipe in Unit 2 Block 3. Material Receiving is ongoing.
17. Caldwell Tanks (K071): Continue fitting and welding Demin Tanks in both Units. Continue dome roof frame up on Unit 2 Tank.
18. Siemens (K038): Completed offloading Main GSU #2, set on foundation and verified locations. Dressage crew mobilization on project Friday, Oct 19 for set up, oil fill, testing, commission unit.

**Personnel on Site:**

|                         |            |
|-------------------------|------------|
| Genesis Team            | 25         |
| NAM                     | 9          |
| SWCA                    | 2          |
| Sukut (K010)            | 12         |
| Sukut (K008)            | 28         |
| PSI Testing (K007)      | 5          |
| Terracon                | 1          |
| AECOM                   | 10         |
| Guardsmark (K005)       | 5          |
| Largo (K013)            | 103        |
| Largo (K015)            | 76         |
| BPC (K100)              | 78         |
| BPC (K011)              | 32         |
| BPC (K102)              | 27         |
| BPC(K021)               | 12         |
| Sener                   | 6          |
| Newtron (K014)          | 21         |
| Newtron (K029)          | 15         |
| Holt Group              | 2          |
| SPX Technologies (K057) | 123        |
| Whiting Turner (K067)   | 22         |
| Crown Fence (K009)      | 15         |
| PMI (K022)              | 92         |
| USA Tank (K068)         | 7          |
| ECI(K016)               | 7          |
| Caldwell Tank (K071)    | 7          |
| Siemens (K038)          | 4          |
|                         |            |
| <b>Total</b>            | <b>746</b> |



**Power Block 2**



Genesis Solar Energy Project

Unit 2 COD: November 1<sup>st</sup>, 2013  
 Unit 1 COD: April 1<sup>st</sup>, 2014

**October 19 , 2012**

**Safety:**

- ♦ No Accidents or Injury.

**Compliance:**

- ♦ No issues to report.

**Site Preparation (K008):**

- ♦ Trapezoidal ditch installation completed today.

**Permanent Site Security and Wind Fence(K009):**

- ♦ No Activity.

**Underground Piping(K011):**

- ♦ Performed Hydro Test of Underground Raw Water System. Installing Thrust blocks and bollards.

**Solar Field Foundations (K013):**

- ♦ No Activity.

**Solar Field Underground Electrical (K014):**

- ♦ No Activity.

**Power Block Foundations (K015):**

- ♦ Unit 2- Poured Station Service Transformer Pads, Power Distribution Center 2A HVAC Pads, Auxiliary Boiler Pad, and Dearator Support Pedestal. Layout and drilling for doweling of pedestals North of the Steam Turbine Generator, and Post Installed Bolts on the Transformer Blast wall. Installing Water stop in the Southern containment slab trench drain. Tying Rebar in the Sample Panel.

**230 Kv Line and Switchyard(K016):**

- ♦ Receiving material.

**Solar Field Header Piping (K021):**

- ♦ Welding and staging out pipe in Unit 2 Block 6. Material receiving is ongoing.

**Power Block Piping and Mechanical(K022):**

- ♦ Aligning Low and High Pressure Turbines. Prepping Train 2 Piping. Working the Boiler Feed Water structure and stringing pipe on Pipe Rack 23.

**Site Safety Topic Of The Week:**  
*"Think the Job Through Safely"*

| Weather |               |                           |
|---------|---------------|---------------------------|
| Sunny   | Temp- High 94 | Winds- Southeast at 5 mph |



Solar Field 2 Block 1



Power Block 2

**Solar Field Above Ground Electrical (K029):**

- ♦ No Activity.

**Power Block Above Ground Electrical(K030):**

- ♦ No Activity.

**Buildings (K067):**

- ♦ Administration Building Architectural finishes continued.

**Bolted Tanks(K068):**

- ♦ Installing the hand rail on the Treated Water Tank and installing Ring 5 on the Filtered Water Tank.

**Welded Demin Tanks(K071):**

- ♦ No Activity.

**Pylon, SCE Assembly and Installation(K100):**

- ♦ Installing SCE's in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 5.

**HCE Tube Installation (K102):**

- ♦ Fabricating and installing triple joints in Solar Field 2 Block 1. Prepping and aligning double swivels for install.

| <b>Personnel Onsite</b>       | <b>Total</b> |
|-------------------------------|--------------|
| Genesis Management            | 20           |
| Compliance Monitors           | 10           |
| Guardsmark (K005)             | 5            |
| PSI (K007)                    | 6            |
| Sukut (K008)                  | 28           |
| Crown(K009)                   | 0            |
| Sukut (K010)                  | 15           |
| BPC (K011)                    | 16           |
| Largo (K013)                  | 0            |
| Newtron (K014)                | 0            |
| Largo (K015)                  | 65           |
| EPC (K016)                    | 7            |
| BPC (K021)                    | 21           |
| PMI (K022)                    | 93           |
| Newtron (K029)                | 0            |
| Newtron (K030)                | 0            |
| USA Tank (K068)               | 7            |
| Caldwell Tank (K071)          | 0            |
| BPC (K100)                    | 85           |
| BPC (K102)                    | 49           |
| Sener                         | 7            |
| <b>Total Personnel Onsite</b> | <b>427</b>   |



Unit 2 COD: November 1<sup>st</sup>, 2013  
 Unit 1 COD: April 1<sup>st</sup>, 2014

**October 22 , 2012**

Site Safety Topic Of The Week:  
*"Falls"*

Safety:

- ♦ No Accidents or Injury.

Compliance:

- ♦ No issues to report.

Permanent Site Security and Wind Fence(K009):

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

Underground Piping(K011):

- ♦ Installing Waste Water Drains in the Common Area. Installing thrust blocks and bollards.

Solar Field Foundations (K013):

- ♦ Drilling and pouring Caissons in Solar Field 2 Block 9. Installing sleepers in Solar Field 2 Block 5. Pouring pipe supports in Solar Field 2 Block 2.

Solar Field Underground Electrical (K014):

- ♦ Power Block 1 and 3 ground grid installation. Trenching Ring 10 Field 2, backfilling Ring 2 Field 1, testing Ring 3 Field 1 and installing ground conductor in Ring 1 Field 1.

Power Block Foundations (K015):

- ♦ Unit 2 – Poured the Heat Transfer Fluid PSV, Sample Panel, Intermittent Blow down Drum, Moisture Separator. Installing rebar in Steam Turbine Generator East / West Pipe rack, Auxiliary transformer wall, Duct banks to the main circular pumps. Setting forms for the Heat Transfer Fluid Expansion Vessel pedestals. Unit 1 – Installing Conduit for the Steam Turbine Generator, working on the boot pit and Heat Transfer Fluid Drain Pit. Common Area – Poured Wastewater Sump.

230 Kv Line and Switchyard(K016):

- ♦ Receiving switchyard steel and beginning grounding and underground conduit installation.

Solar Field Header Piping (K021):

- ♦ Welding and staging out pipe in Unit 2 Block 6. Material receiving is ongoing.

Power Block Piping and Mechanical(K022):

- ♦ Trimming out and detailing pipe racks. Installing pipe on Pipe Rack 23 and 25. Prepping to grout the Boiler Feed Water Heater.

| Weather |               |                            |
|---------|---------------|----------------------------|
| Sunny   | Temp- High 88 | Winds- Southeast at 11 mph |



Solar Field 2 Block 4



Solar Field 2 Block 1

**Solar Field Above Ground Electrical (K029):**

- ♦ Receiving Local Control Boxes and 480v Panel Boards in Ring 3 Field 2. Installing flex raceway, pulling and terminating cable in Ring 6 and 3 in Field 2. Tailing cable ends into Substation 2D.

**Power Block Above Ground Electrical(K030):**

- ♦ Receiving material.

**Air Cooled Condenser (K057):** Installing Turbine Exhaust riser on Streets 3 and 4. Installing Steam Duct Manifold on Street 2. Installing drain pipe on Streets 2,3 and 4. Shaking out Steam Duct and Collection Condensate Manifolds in Unit 1.

**Buildings (K067):**

- ♦ Administration Building Architectural finishes and Water Treatment wall sheeting install continued.

**Bolted Tanks(K068):**

- ♦ Installed Ring 5 on the Filtered Water Tank.

**Welded Demin Tanks(K071):**

- ♦ Unit 2- Continue dome frame up. Unit 1- Setting and welding Rings.

**Pylon, SCE Assembly and Installation(K100):**

- ♦ Installing SCE's in Solar Field 2 Block 4. Erecting and aligning pylons in Solar Field 2 Block 5.

**HCE Tube Installation (K102):**

- ♦ Fabricating and installing triple joints in Solar Field 2 Block 1. Prepping and aligning double swivels for install.

| <b>Personnel Onsite</b>       | <b>Total</b> |
|-------------------------------|--------------|
| Genesis Management            | 25           |
| Compliance Monitors           | 21           |
| Guardsmark (K005)             | 5            |
| PSI (K007)                    | 6            |
| Sukut (K008)                  | 0            |
| Crown(K009)                   | 15           |
| Sukut (K010)                  | 40           |
| BPC (K011)                    | 27           |
| Largo (K013)                  | 110          |
| Newtron (K014)                | 21           |
| Largo (K015)                  | 75           |
| EPC (K016)                    | 7            |
| BPC (K021)                    | 21           |
| PMI (K022)                    | 93           |
| Newtron (K029)                | 15           |
| Newtron (K030)                | 7            |
| SPX (K057)                    | 105          |
| USA Tank (K068)               | 7            |
| Caldwell Tank (K071)          | 7            |
| BPC (K100)                    | 85           |
| Sener                         | 7            |
| <b>Total Personnel Onsite</b> | <b>748</b>   |



Unit 2 COD: November 1<sup>st</sup>, 2013  
 Unit 1 COD: April 1<sup>st</sup>, 2014

**October 23 , 2012**

**Safety:**

- ♦ Emergency crews responded onsite to a BPC employee who had fainted during work. The employee was transported to the hospital in Blythe and diagnosed with having a reaction to weight loss pills she had started taking the previous day. The employee was released without restrictions.

**Compliance:**

- ♦ No issues to report.

**Permanent Site Security and Wind Fence(K009):**

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

**Underground Piping(K011):**

- ♦ Installing Waste Water Drains in the Common Area. Installing thrust blocks and bollards. Hydro Testing Common Area Fire Water.

**Solar Field Foundations (K013):**

- ♦ Drilling and pouring Caissons in Solar Field 2 Block 9. Installing sleepers in Solar Field 2 Block 5. Pouring pipe supports in Solar Field 2 Block 2.

**Solar Field Underground Electrical (K014):**

- ♦ Power Block 1 and 2 ground grid installation. backfilling Ring 2 Field 1 and install fiber and power cable in Ring 8 Field 1. Began ground installation in Common Area Administration Building.

**Power Block Foundations (K015):**

- ♦ Unit 2 – Poured Heat Transfer Fluid Expansion Vessel pedestals. Installing rebar and bolts in Steam Turbine Generator East / West Pipe rack. Installing rebar and conduit for Duct banks to the main circular pumps. Installing water stop in the containment slab trench drain, prepping for epoxying North Steam Turbine Generator Pedestals, Backfilling the exhaust stack foundation, laying out for the lube oil foundation. Unit 1 – Poured the Boot pit walls. Common Area – Installing duct banks.

**230 Kv Line and Switchyard(K016):**

- ♦ Receiving switchyard steel. Continue grounding and underground conduit installation.

**Solar Field Header Piping (K021):**

- ♦ Welding and staging out pipe in Unit 2 Block 6. Material receiving is ongoing.

Site Safety Topic Of The Week:  
*"Falls"*

| Weather |               |                            |
|---------|---------------|----------------------------|
| Sunny   | Temp- High 81 | Winds- Southeast at 11 mph |



Solar Field 2



Solar Field 2 Block 3

**Power Block Piping and Mechanical(K022):**

- ♦ Welding closed cooling water and installing gas line. Continue Cable Tray pipe rack and erecting Boiler Feed Water Structure. Fabricating Siemens pipe and grouting Boiler Feed Water Pump.

**Solar Field Above Ground Electrical (K029):**

- ♦ Local Control Box, race way, grounding and terminations in Ring 3 Field 2.

**Power Block Above Ground Electrical(K030):**

- ♦ Receiving material.

**Main Transformer Assembly (K038):**

- ♦ Dressing out 230 Kv Unit. Installed fin callers, surplus oil tank, cooler control boxes and tailing wire/terminations.

**Air Cooled Condenser (K057):**

- ♦ Installing Turbine Exhaust riser on Streets 3 and 4. Installing Steam Duct Manifold on Street 2. Installing drain pipe on Streets 2,3 and 4. Shaking out Steam Duct and Collection Condensate Manifolds in Unit 1.

**Buildings (K067):**

- ♦ Administration Building architectural, mechanical, electrical, and plumbing finishes continued. Water Treatment building steel and wall installations continued.

**Bolted Tanks(K068):**

- ♦ Installing Ring 4 on the Filtered Water Tank.

**Welded Demin Tanks(K071):**

- ♦ Unit 2- Continue dome frame up. Unit 1- Setting and welding Rings.

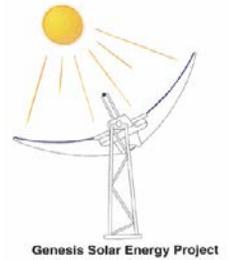
**Pylon, SCE Assembly and Installation(K100):**

- ♦ Completed installing SCE's in Solar Field 2 Block 4. Began installing SCE's in Solar Field 2 Block 2. Erecting and aligning pylons in Solar Field 2 Block 5.

**HCE Tube Installation (K102):**

- ♦ Fabricating and installing triple joints and fixed ends in Solar Field 2 Block 1. Welding and setting crossover pipe on supports.

| <b>Personnel Onsite</b>       | <b>Total</b> |
|-------------------------------|--------------|
| Genesis Management            | 25           |
| Compliance Monitors           | 21           |
| Guardsmark (K005)             | 5            |
| PSI (K007)                    | 6            |
| Sukut (K008)                  | 0            |
| Crown(K009)                   | 15           |
| Sukut (K010)                  | 40           |
| BPC (K011)                    | 27           |
| Largo (K013)                  | 110          |
| Newtron (K014)                | 21           |
| Largo (K015)                  | 75           |
| EPC (K016)                    | 7            |
| BPC (K021)                    | 21           |
| PMI (K022)                    | 93           |
| Newtron (K029)                | 15           |
| Siemens(K038)                 | 7            |
| Newtron (K030)                | 7            |
| SPX (K057)                    | 105          |
| USA Tank (K068)               | 7            |
| Caldwell Tank (K071)          | 7            |
| BPC (K102)                    | 49           |
| Sener                         | 7            |
| <b>Total Personnel Onsite</b> | <b>755</b>   |



Unit 2 COD: November 1<sup>st</sup>, 2013  
 Unit 1 COD: April 1<sup>st</sup>, 2014

**October 29 , 2012**

**Safety:**

- ♦ No Accident or Injury.

**Compliance:**

- ♦ No issues to report.

**K008 Site Preparation:**

- ♦ Continued retention area pipe installation and earthwork.

**Permanent Site Security and Wind Fence(K009):**

- ♦ Installing Wind Fence in Unit 2.

**Underground Piping(K011):**

- ♦ Installing Waste Water Drains in the Common Area. Installing thrust blocks and bollards. Hydro Testing Underground Water Lines.

**Solar Field Foundations (K013):**

- ♦ Unit 2 – Constructing caissons in Block 8, pipe supports on the North side of Block 4, and Sleepers on the North side of Block 5.

**Solar Field Underground Electrical (K014):**

- ♦ Completed cable installation and began backfill/compaction in Ring 8 Field 1. Began power and fiber cabling installation in Ring 10 Field 2. Continue ground grid installation in Power Block 1.

**Power Block Foundations (K015):**

- ♦ Unit 2 – Installed rebar and poured some footings in the West Pipe rack. Forming Auxiliary transformer containment walls. Working on post installed rebar dowels on the East side Steam Turbine Generator pedestals. Poured Air compressor and air receiver foundation. Installing duct banks in the Power Distribution center 2B. Unit 1 – Working on the conduit in the Steam Turbine Generator and forming columns for the Power Distribution Center 1A. Common Area – Backfilling the wastewater sump.

**230 Kv Line and Switchyard(K016):**

- ♦ Placing concrete at Unit 1 GSU substation. Continue ground and conduit installation in Power Block 2 switchyard. Receiving and offloading steel and equipment.

**Solar Field Header Piping (K021):**

- ♦ Welding and staging out pipe in Unit 2 Block 6. Began installation of Solar Field 2 Pipe Bridge 1. Material receiving is ongoing.

Site Safety Topic Of The Week:  
*"Near Misses"*

| Weather |               |                       |
|---------|---------------|-----------------------|
| Sunny   | Temp- High 88 | Winds- South at 3 mph |



Solar Field 2 Pipe Bridge 1



Power Block 2

**Power Block Piping and Mechanical(K022):**

- ♦ Welding closed cooling water and installing gas line. Setting elevations on the High Pressure Turbine. Working trim on Auxiliary Boiler and aligning steam drums.

**Solar Field Above Ground Electrical (K029):**

- ♦ Local Control Box install in Field 2 Ring 4. Installing race way, mounting devises and terminations in Ring 3 Field 2.

**Power Block Above Ground Electrical(K030):**

- ♦ Receiving material and mobilization.

**Main Transformer Assembly (K038):**

- ♦ Completed oil fill of main GSU in Power Block 2. Mounting instrumentation, race and terminating. Testing crew is scheduled to be onsite tomorrow for inspection and commissioning.

**Air Cooled Condenser (K057):**

- ♦ Installing Turbine Exhaust riser on Streets 3 and 4. Installing Steam Duct Manifold on Street 2. Installing drain pipe on Streets 2,3 and 4. Shaking out Steam Duct and Collection Condensate Manifolds in Unit 1.

**Buildings (K067):**

- ♦ Administration Building architectural, mechanical, electrical, and plumbing finishes continued. Water Treatment building steel and wall installations continued.

**Bolted Tanks(K068):**

- ♦ Installing platforms and lightning protection on all Tanks.

**Welded Demin Tanks(K071):**

- ♦ Unit 2- Continue dome frame up. Unit 1- Setting and welding Rings.

**Pylon, SCE Assembly and Installation(K100):**

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

**HCE Tube Installation (K102):**

- ♦ Fabricating and installing triple joints and fixed ends in Solar Field 2 Block 1. Continue installation of temporary fabrication shop.

| <b>Personnel Onsite</b>       | <b>Total</b> |
|-------------------------------|--------------|
| Genesis Management            | 25           |
| Compliance Monitors           | 21           |
| Guardsmark (K005)             | 5            |
| PSI (K007)                    | 6            |
| Sukut (K008)                  | 27           |
| Crown(K009)                   | 15           |
| Sukut (K010)                  | 40           |
| BPC (K011)                    | 27           |
| Largo (K013)                  | 110          |
| Newtron (K014)                | 21           |
| Largo (K015)                  | 75           |
| EPC (K016)                    | 7            |
| BPC (K021)                    | 21           |
| PMI (K022)                    | 93           |
| Newtron (K029)                | 15           |
| Siemens(K038)                 | 7            |
| Newtron (K030)                | 7            |
| SPX (K057)                    | 105          |
| USA Tank (K068)               | 7            |
| Caldwell Tank (K071)          | 7            |
| BPC (K102)                    | 49           |
| Sener                         | 7            |
| <b>Total Personnel Onsite</b> | <b>782</b>   |



Unit 2 COD: November 1<sup>st</sup>, 2013  
 Unit 1 COD: April 1<sup>st</sup>, 2014

**October 30, 2012**

**Safety:**

- ♦ 1st aid reported today by BPC when an employee attaching arms to a torque tube felt pain in his lower back while reaching down for an impact gun. The employee received 1st aid at the end of the shift.

**Compliance:**

- ♦ No issues to report.

**K008 Site Preparation:**

- ♦ Continued retention area pipe installation and earthwork.

**Permanent Site Security and Wind Fence(K009):**

- ♦ Installing Wind Fence in Unit 2.

**Underground Piping(K011):**

- ♦ Installing Waste Water Drains in the Common Area. Installing thrust blocks and bollards. Hydro Testing Underground Water Lines.

**Solar Field Foundations (K013):**

- ♦ Unit 2 – Constructing caissons in Block 9, pipe supports in Block 2, 4, and 5. Constructing Sleepers on the North side of Block 10.

**Solar Field Underground Electrical (K014):**

- ♦ Completed cable installation and began backfill/compaction in Ring 8 Field 1. Began power and fiber cabling installation in Ring 10 Field 2. Continue ground grid installation in Power Block 1.

**Power Block Foundations (K015):**

- ♦ Unit 2 – Installed rebar and poured more footings and the first 6 pedestals in the West Pipe rack. Finished forming and Poured Auxiliary transformer containment walls. Working on post installed rebar dowels on the East side Steam Turbine Generator pedestals. Poured duct banks in the Power Distribution center 2B. Unit 1 – working on the conduit in the Steam Turbine Generator and forming columns for the Power Distribution Center 1A. Common Area – Backfilling the wastewater sump, installing embeds and forming the softener water sump.

**230 Kv Line and Switchyard(K016):**

- ♦ Placing concrete at Unit 1 GSU substation. Continue ground and conduit installation in Power Block 2 switchyard. Receiving and offloading steel and equipment.

Site Safety Topic Of The Week:  
*"Near Misses"*

| Weather |               |                           |
|---------|---------------|---------------------------|
| Sunny   | Temp- High 88 | Winds- Southeast at 3 mph |



**Power Block 2**



**Solar Field 2 Block 1**

**Solar Field Header Piping (K021):**

- ♦ Welding pipe in Unit 2 Blocks 1 and 6. Installing of Solar Field 2 Pipe Bridge 2. Material receiving is ongoing.

**Power Block Piping and Mechanical(K022):**

- ♦ Welding closed cooling water and installing gas line. Setting elevations on the Low Pressure Turbine. Working trim on Auxiliary Boiler and aligning steam drums.

**Solar Field Above Ground Electrical (K029):**

- ♦ Local Control Box install in Field 2 Ring 4. Installing race way, mounting devices and terminations in Ring 3 Field 2.

**Power Block Above Ground Electrical(K030):**

- ♦ Receiving material and mobilization.

**Main Transformer Assembly (K038):**

- ♦ Mounting instrumentation, race and terminating. Testing crew is scheduled to be onsite for inspection and commissioning.

**Air Cooled Condenser (K057):**

- ♦ Installing Turbine Exhaust riser on Streets 3 and 4. Installing pipe on streets 2,3 and 4. Working South wind wall. Welding Steam Duct Manifold on Street 2.

**Buildings (K067):**

- ♦ Administration Building architectural, mechanical, electrical, and plumbing finishes continued. Water Treatment building steel and wall installations continued.

**Bolted Tanks(K068):**

- ♦ Installing platforms and lightning protection on all Tanks.

**Welded Demin Tanks(K071):**

- ♦ Unit 2- Continue dome frame up. Unit 1- Setting and welding Rings.

**Pylon, SCE Assembly and Installation(K100):**

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

**HCE Tube Installation (K102):**

- ♦ Fabricating and installing triple joints and fixed ends in Solar Field 2 Block 1. Continue installation of temporary fabrication shop.

| <b>Personnel Onsite</b>       | <b>Total</b> |
|-------------------------------|--------------|
| Genesis Management            | 25           |
| Compliance Monitors           | 21           |
| Guardsmark (K005)             | 5            |
| PSI (K007)                    | 6            |
| Sukut (K008)                  | 27           |
| Crown(K009)                   | 15           |
| Sukut (K010)                  | 40           |
| BPC (K011)                    | 27           |
| Largo (K013)                  | 110          |
| Newtron (K014)                | 21           |
| Largo (K015)                  | 76           |
| EPC (K016)                    | 7            |
| BPC (K021)                    | 21           |
| PMI (K022)                    | 93           |
| Newtron (K029)                | 15           |
| Siemens(K038)                 | 7            |
| Newtron (K030)                | 7            |
| SPX (K057)                    | 105          |
| USA Tank (K068)               | 7            |
| Caldwell Tank (K071)          | 7            |
| BPC (K102)                    | 49           |
| Sener                         | 7            |
| <b>Total Personnel Onsite</b> | <b>783</b>   |



Unit 2 COD: November 1<sup>st</sup>, 2013  
 Unit 1 COD: April 1<sup>st</sup>, 2014

**October 31, 2012**

**Safety:**

- ♦ No Accident or Injury.

**Compliance:**

- ♦ No issues to report.

**K008 Site Preparation:**

- ♦ Continued retention area pipe installation and earthwork.

**Permanent Site Security and Wind Fence(K009):**

- ♦ Installing Wind Fence in Unit 2.

**Underground Piping(K011):**

- ♦ Installing Waste Water Drains in Power Block 2. Installing bollards and testing all lines.

**Solar Field Foundations (K013):**

- ♦ Unit 2 – Unit 2 – Constructing caissons and finished drilling in Block 9, Pipe supports in Block 2, 4, and 5. Constructing Sleepers on the North side of Block 10

**Solar Field Underground Electrical (K014):**

- ♦ Ground grid installation Power Block 1, backfill/compaction Ring 8, installing cabling Ring 10, ground grid common area water treatment and admin area.

**Power Block Foundations (K015):**

- ♦ Unit 2 – Continued foundations in the 22 West Pipe rack and Main pumps, and freeze protection pumps. Stripping forms from the Auxiliary transformer containment walls. Working on post installed rebar dowels and tying columns on the East side Steam Turbine Generator pedestals. Backfilling duct banks in the Power Distribution center 2B. Layout and excavating for the duct bank going from the Electrical building to the Steam Turbine Generator. Unit 1 – working on the conduit in the Steam Turbine Generator and forming columns for the Power Distribution Center 1A. Common Area – Backfilling the wastewater sump, installing embeds and forming the softener water sump.

**230 Kv Line and Switchyard(K016):**

- ♦ Stripping foundation forms and clean up at Power Block 1. Installing ground grid in Switchyard 2.

Site Safety Topic Of The Week:  
*"Near Misses"*

| Weather |               |                           |
|---------|---------------|---------------------------|
| Sunny   | Temp- High 86 | Winds- Southeast at 3 mph |



**Power Block 2**



**Raw Water Tank**

**Solar Field Header Piping (K021):**

- ♦ Welding pipe in Unit 2 Blocks 1 and 6. Installed Solar Field 2 Pipe Bridge 2. Material receiving is ongoing.

**Power Block Piping and Mechanical(K022):**

- ♦ Welding closed cooling water and installing gas line. Setting elevations on the Low Pressure Turbine. Working trim on Auxiliary Boiler and aligning steam drums. Work continues on Feed Water structure.

**Solar Field Above Ground Electrical (K029):**

- ♦ Local Control Box install in Field 2 Ring 4. Installing race way, mounting devices and terminations in Ring 3 Field 2. UPS 2D set tailing cabling and prepping for termination.

**Power Block Above Ground Electrical(K030):**

- ♦ Receiving material and mobilization.

**Main Transformer Assembly (K038):**

- ♦ Punch list items and testing transformer equipment.

**Air Cooled Condenser (K057):**

- ♦ Installing Turbine Exhaust riser on Streets 3 and 4. Installing pipe on streets 2,3 and 4. Working South wind wall. Welding Steam Duct Manifold on Street 2.

**Buildings (K067):**

- ♦ Administration Building architectural, mechanical, electrical, and plumbing finishes continued. Water Treatment building steel and wall installations continued.

**Bolted Tanks(K068):**

- ♦ Installing Ring 1 on Raw Water Tank.

**Welded Demin Tanks(K071):**

- ♦ Unit 1 and 2- Welding and framing up dome roof.

**Pylon, SCE Assembly and Installation(K100):**

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

**HCE Tube Installation (K102):**

- ♦ Fabricating and installing triple joints and fixed ends in Solar Field 2 Block 1. Continue installation of temporary fabrication shop.

| <b>Personnel Onsite</b>       | <b>Total</b> |
|-------------------------------|--------------|
| Genesis Management            | 25           |
| Compliance Monitors           | 21           |
| Guardsmark (K005)             | 5            |
| PSI (K007)                    | 6            |
| Sukut (K008)                  | 27           |
| Crown(K009)                   | 15           |
| Sukut (K010)                  | 40           |
| BPC (K011)                    | 27           |
| Largo (K013)                  | 103          |
| Newtron (K014)                | 21           |
| Largo (K015)                  | 76           |
| EPC (K016)                    | 7            |
| BPC (K021)                    | 21           |
| PMI (K022)                    | 93           |
| Newtron (K029)                | 15           |
| Siemens(K038)                 | 7            |
| Newtron (K030)                | 7            |
| SPX (K057)                    | 105          |
| USA Tank (K068)               | 7            |
| Caldwell Tank (K071)          | 7            |
| BPC (K102)                    | 49           |
| Sener                         | 7            |
| <b>Total Personnel Onsite</b> | <b>776</b>   |

Genesis Daily Well Readings - Well Pads in acre feet x .001

| New meters<br>10/21 | Serial No#: 11-07803                               | Serial No#: 11-07804    | Serial No#: 11-07805    | Serial No#: 022037<br>Currently not in use | Sundays not worked so no meter readings |
|---------------------|--|-------------------------|-------------------------|--|---|
|                     | All McCalls Propeller Meter McCrometer Flow Meters |                         |                         | Hendley Nitro Performance                  |   |
| Date                | Well 0   | Well 1                  | Well 2                  | Front Well Gauge (in gal)                  | Comments                                |
| Mon. 10/01          | 159995   | 162786                  | 228138                  |  |   |
| Tues. 10/02         | 160265   | 162975                  | 229025                  |  |   |
| Wed. 10/03          | 160566   | 163174                  | 229943                  |  |   |
| Thur. 10/04         | 160823   | 163372                  | 230838                  |  |   |
| Fri. 10/05          | 161099   | 163563                  | 231378                  |  |   |
| Sat. 10/06          | 161099   | 163563                  | 231378                  |  |   |
| Sun. 10/07          | 161099 acre feet x .001                            | 163563 acre feet x .001 | 231378 acre feet x .001 | 78762 00 (out of service)                  | Friday reading 10/05                    |
| Mon. 10/08          | 161289   | 163919                  | 231939                  |  |   |
| Tues. 10/09         | 161492   | 164289                  | 232477                  |  |   |
| Wed. 10/10          | 161681   | 164614                  | 232996                  |  |   |
| Thur. 10/11         | 161813   | 164909                  | 233708                  |  |   |
| Fri. 10/12          | 161941   | 165214                  | 234433                  |  |   |
| Sat. 10/13          | 161941   | 165214                  | 234433                  |  |   |
| Sun. 10/14          | 161941 acre feet x .001                            | 165214 acre feet x .001 | 234433 acre feet x .001 | 78762 00 (out of service)                  | Friday reading 10/12                    |
| Mon. 10/15          | 162081   | 165515                  | 235145                  |  |   |
| Tues. 10/16         | 162232   | 165798                  | 235892                  |  |   |
| Wed. 10/17          | 162362   | 166092                  | 236560                  |  |   |
| Thur. 10/18         | 162829   | 166447                  | 237140                  |  |   |
| Fri. 10/19          | 163338   | 166777                  | 237751                  |  |   |
| Sat. 10/20          | 163338   | 166777                  | 237751                  |  |   |
| Sun. 10/21          | 163338 acre feet x .001                            | 166777 acre feet x .001 | 237751 acre feet x .001 | 78762 00 (out of service)                  | Friday reading 10/19                    |
| Mon. 10/22          | 163802   | 167147                  | 238329                  |  |   |
| Tue. 10/23          | 164254   | 167511                  | 238899                  |  |   |
| Wed. 10/24          | 164699   | 167868                  | 239462                  |  |   |
| Thur. 10/25         | 164827   | 168227                  | 240036                  |  |   |
| Fri. 10/26          | 164964   | 168597                  | 240525                  |  |   |
| Sat. 10/27          | 164964   | 168597                  | 240525                  |  |   |
| Sun. 10/28          | 164964 acre feet x .001                            | 168597 acre feet x .001 | 240525 acre feet x .001 | 78762 00 (out of service)                  | Friday reading 10/26                    |
| Mon. 10/29          | 165101   | 168861                  | 241061                  |  |   |
| Tue. 10/30          | 165285   | 169164                  | 246074                  |  |   |
| Wed. 10/31          | 165445   | 169407                  | 246572                  |  |   |