



September 20, 2011

Compliance Log # 2011-247

Ms. Mary Dyas
09-AFC-06C
California Energy Commission
1516 Ninth Street, (MS-2000)
Sacramento, CA 95814

**RE: Blythe Solar Power Project (09-AFC-06C)
Palo Verde Solar I
Condition of Certification COM-06
Monthly Compliance Report #10 (August 2011)**

Dear Mary:

In compliance with Condition of Certification COM-06 as set forth in the California Energy Commission's Final Decision for the Blythe Solar Power Project, enclosed please find one hard copy and one electronic version of the Project's 10th Monthly Compliance Report for the period ending August 31, 2011.

If you have any questions regarding this submission, please feel free to contact me at (510) 463-6506.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicole", with a long horizontal line extending to the right.

Nicole Tenenbaum
Director, Compliance

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10
August 2011 Reporting Period

September 20, 2011

Blythe Solar Power Project
Monthly Compliance Report #10

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Abbreviations and Acronyms

AFC	Application of Certification
AQ	Air Quality
AQCMM	Air Quality Construction Mitigation Manager
AQCMP	Air Quality Construction Mitigation Plan
BIO	Biological
BLM	Bureau of Land Management
BM	Biological Monitor
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
BSPP	Blythe Solar Power Project
CARB	California Air Resources
Caltrans	California Department of Transportation
CBO	Chief Building Official
CDFG	California Department of Fish & Game
CEC	California Energy Commission
COM	Compliance
CPM	Compliance Project Manager
CRS	Cultural Resources Specialist
CSS	Construction Safety Supervisor's
CUL	Cultural
DB	Designated Biologist
DESCP	Drainage, Erosion, and Sediment Control Plan
FAA	Federal Aviation Administration
HTF	Heat Transfer Fluid

KPC	Kiewit Power Constructors
KPE	Kiewit Power Engineering
LF	Liner Foot
MEC/UXO	Munitions and explosives of concern/Unexploded Ordinances
MECH	Mechanical
MCR	Monthly Compliance Report
PAL	Paleontological
PPA	Project Prehistoric Archaeologist
PQAD	Prehistoric Quarries Archaeological District
PRS	Paleontological resource specialist
PVSI	Palo Verde Solar I, LLC
P&IDs	Piping and Instrumentation Diagram
ROW	Right Of Way
RCFD	Riverside County Fire Department
S&W	Soil & Water
STA	Solar Trust Of America
STRUC	Structural
SWPPP	Storm Water Pollution Prevention Plan
TRANS	Transmission
TSE	Transmission System Engineering
USFWS	United States Fish and Wildlife Service

Introduction

On September 15, 2010, the California Energy Commission (CEC) issued a license to Palo Verde Solar I, LLC (PVSI) for the construction and operation of the Blythe Solar Power Project (BSPP). On December 22, 2010 the CEC Compliance Project Manager (CPM) issued a full Notice to Proceed (NTP) letter for BSPP allowing the start of all construction activities associated with Phase 1A of the site.

This document constitutes PVSI's tenth monthly compliance report (MCR) for the BSPP, as required by Condition of Certification COM-6 in the CEC Final Decision. The information contained in this report covers engineering, procurement, construction, and environmental compliance activities that were performed during August 2011.

On August 18, 2011, Solar Trust of America (STA) announced the company intends to pursue a switch in technology from concentrated solar thermal to photovoltaics at the BSPP. This commercial decision will require some revised environmental permitting analysis. STA met with the CEC staff on August 24, 2011 to discuss next steps for re-permitting and onsite activities. On August 26, 2011 we submitted a detailed letter (see Exhibit 1) explaining the maintenance activities that are planned for the re-permitting period. The purpose of the letter was to explain what activities STA believes are necessary to implement its commitment to remain in compliance with all conditions of certification. We understand that CEC Staff is currently reviewing the letter and will provide a written response.

Overall Project Status

As stated above, and communicated to the CEC, PVSI will be shifting to a maintenance mode. It is anticipated that the Project will shift to maintenance in Mid-October 2011. The on-site staff is preparing the site for transition, and ensuring that environmental or health and safety impacts will be avoided during the maintenance stage. As of this MCR, the percentage completed will not continue to be reported as there will be no further increased in percentage completed until the Project is re-permitted.

Engineering

There was no engineering work performed in August 2011 by KPE because of STA's decision to re-design the Project.

Procurement

The procurement for August 2011 consisted of Desert Tortoise (DT) fencing.

Construction

During August, KPC conducted safety training for new staff and visitors, installed Project signs on both of the Site entrances, continued clearing and grubbing activities on Dracker Drive and in the Shared Facilities Area, completed Solar Field Phase 1B topographical survey, continued dust control activities, and performed SWPPP-related maintenance and repairs.

Weekly coordination calls and monthly meetings were held during the reporting period between STA Compliance Team, PVSI, AECOM (PVSI's environmental contractor), KPE, and KPC. An *Early Works 3-Week Look Ahead* schedule for the construction activities is included in Exhibit 2. A key events list is included in Exhibit 3. The commercial operation date (COD) for the BSPP will be provided upon finalization of the revised Project schedule.

EPC Activities Accomplished During Reporting Period

This section of the MCR provides detailed information on the engineering, procurement, and construction activities that were accomplished during the reporting period.

All engineering and design activities are currently on hold pending the submittal and approval of the Project redesign. There are no further engineering activities planned until the Project has completed the necessary repermitting.

Procurement. KPC conducted the following procurement related activities during August 2011:

- Ordered and received 62,000 LF of DT Fencing.

Procurement activities *planned* for September 2011 include:

- None.

Construction. The following section discusses the construction activities conducted during August 2011 and those planned for September 2011. Representative photographs of the construction activities performed during the reporting period are included in Exhibit 4. Biological, cultural, and paleontological resource monitors participated in weekly look-ahead meetings to discuss planned activities and were onsite as required during the reporting period. Major construction activities performed during the reporting period included:

- Completed Phase 1B DT fence topographical survey.
- Continued clearing and grubbing on Dracker Drive and in Shared Facilities Area.
- Continued silt fence (SWPPP) maintenance.
- Continued dust control activities.
- Installed 2 STA signs at Project entrances.
- Completed check dam survey as-built drawings.
- Began ESA fence removal.
- Began to haul off cleared & grubbed material off Site.

Construction activities *planned* for September 2011 include the following:

- Continue dust control activities.
- Continue clearing and grubbing activities.
- Begin chipping cleared & grubbed material.
- Continue to haul off cleared & grubbed material off Site.
- Begin demobilizing equipment.
- Begin application of dust palliative to areas of disturbance within Phase 1A boundary.

Compliance Activities

This section of the MCR focuses on PVSI's activities related to ensuring that compliance with all the Conditions of Certification as currently outlined in the BSPP Commission Decision are achieved in a timely and satisfactory manner. The following information is provided per the requirements set forth in Condition of Certification COM-6.

Compliance Matrix. The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates approvals were obtained from the CBO, CEC CPM, or delegate agency. A reformatted compliance matrix to reflect the maintenance stage will be included as Exhibit 5 in the next MCR.

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

Date	To	Condition	Subject
08/19/12	CEC	COM-06	MCR # 9
08/19/12	CEC	COM-06	MCR #9 Confidential Sections
08/26/11	CEC	For Information Purposes	Response to BLM Compliance Maintenance Strategy

Required Documents Submitted With This Report. The Commission 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:

- ◆ AQ-SC01 (AQCMM): As required by the Condition of Certification, the Air Quality Construction Mitigation Manager (AQCMM) is responsible for directing and documenting compliance with the construction-related air quality Condition 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. A copy of the AQCMM’s monthly report is included in Exhibit 6, and the daily monitoring log is available on site for the CPM’s inspection.
- ◆ AQ-SC02 (AQCMP): Construction mitigation measures as set forth in this condition and in the Project’s approved Air Quality Construction Mitigation Plan (AQCMP) were complied with during the reporting period. Specific information on the implementation of the plan’s measures is included in the AQCMM’s Monthly Report included in Exhibit 6.
- ◆ AQ-SC03 (Construction Fugitive Dust Control): The onsite construction well continues to produce water for dust control. Clearing and grubbing operations continued with water trucks providing dust control as frequently as needed. Also in an effort to mitigate dust plumes, speeds are being limited for all construction vehicles.
- ◆ AQ-SC04 (Dust Plume Response Requirement): KPC is responding to all visible dust plumes by increasing the application of water where needed. If watering does not adequately mitigate the dust plume, construction activities in that area are suspended until conditions improve.

- ◆ AQ-SC05 (Diesel-Fueled Engines Control): All construction equipment on site has been inspected by the AQCMM or his delegate and meets the requirements established in the Condition of Certification AQ-SC5. Equipment log and emissions documentation are included in Exhibit 6.
- ◆ BIO-02&04: Copies of all written reports and summaries that document biological resources compliance activities, including those conducted by the Biological Monitors (BMs) are provided in the Designated Biologist's (DB) monthly report included in Exhibit 7.
- ◆ BIO-06: During August, the total number of personnel who received the Construction Worker Environmental Awareness Training was 3. The number of personnel who have received the training to date is 251. Copies of the Worker Environmental Awareness Program (WEAP) training sign-in sheets for the monthly reporting period are included in Exhibit 8.
- ◆ BIO-07 (Implementation of Biological Resources Mitigation Implementation and Monitoring Plan [BRMIMP]): The DB's monthly report is included in Exhibit 7.
- ◆ BIO-08: This condition requires that the DB/BM provide monthly documentation on how the impact avoidance and minimization measures have been implemented during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 7).
- ◆ BIO-09: This condition requires that the DB/BM provide documentation of DT clearance surveys and fencing installation during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 7).
- ◆ BIO-11: Desert Tortoise compliance verification activities conducted during the reporting period are described in the DB's monthly report included in Exhibit 7.
- ◆ BIO-16: This condition requires that the DB/BM provide documentation of pre-construction nest surveys conducted during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 7).
- ◆ BIO-17: This condition requires that the DB/BM provide documentation of implementation of Kitfox/Badger mitigation and avoidance measures during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 7).
- ◆ BIO-18: This condition requires that the DB/BM provide documentation of implementation of burrowing owl mitigation and avoidance measures during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 7).
- ◆ BIO-19: There are no special status plants on the Project Site. No further analysis required.

- ◆ BIO-22: Not applicable to this reporting period.
- ◆ CIVIL-01: Not applicable to this reporting period.
- ◆ COM-05: A reformatted compliance matrix to reflect the maintenance stage will be submitted in the next MCR.
- ◆ COM-06: Key Events List is included in Exhibit 3.
- ◆ CUL-15: During August, the total number of personnel who received the Construction Worker Environmental Awareness Training was 3. The number of personnel who have received the training to date is 251. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Exhibit 8.
- ◆ CUL-16: Daily monitoring reports were provided by the Cultural Resources Specialist (CRS) to the CEC electronically during August. The CRS's monthly report for the reporting period is included in Exhibit 7.
- ◆ GEN-02: Not applicable to this reporting period.
- ◆ GEN-03: PVSJ's payments to the CBO during August were in the amount of \$74,761.78.
- ◆ GEN-06: There were no activities requiring special inspection for August.
- ◆ GEN-07: No discrepancy in design and/or construction has been discovered in any engineering work that has undergone CBO design review and approval.
- ◆ GEN-08: To date, no work has been completed that has required CBO inspection and approval.
- ◆ MECH-01: Not applicable to this reporting period.
- ◆ PAL-04: During August, the total number of personnel who received the Construction Worker Environmental Awareness Training was 3. The number of personnel who have received the training to date is 251. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Exhibit 8.
- ◆ PAL-05: The Paleontological Resource Specialist's monthly report for the reporting period is included in Exhibit 7.
- ◆ PAL-06: Any signed contracts or agreements executed during the monthly period are referenced in the paleontological resource specialist's monthly report included in Exhibit 7.

- ◆ S&W-01: There was 0.005 inches of precipitation during the month of August. SWPPP maintenance was completed on all DT fencing and Check Dams. All erosion and sediment control measures will remain as planned for the foreseeable future and the effectiveness of the DESCP will continue to be evaluated as circumstances warrant (see SWPPP Inspection checklists included in Exhibit 9). The measures set forth within the DESCP were effective for this month. A Daily Water Usage Log is included in Exhibit 10.
- ◆ STRUCT-01: Not applicable to this reporting period.
- ◆ STRUC-03: No design changes have been filed with the CBO.
- ◆ STRC-04: There have been no CBO approvals of plan checks this month for submittal to the CPM.
- ◆ TRANS-03: No heavy haul permits were obtained from Caltrans or Riverside County during August.
- ◆ TRANS-04: No encroachment permits were received from Caltrans or Riverside County during August.
- ◆ TRANS-06: No hazardous materials transportation permits were received from Caltrans during August.
- ◆ TSE-01: In accordance with this condition, an updated master submittal log is available online via the CBO's website for the BSPP.
- ◆ TSE-04: Not applicable to this reporting period.
- ◆ Worker Safety-03: A copy of site construction safety supervisor's (CSS) safety report for August is included in Exhibit 11.
- ◆ Worker Safety-04b: A copy of the CBO safety monitor's report for August is included in Exhibit 12.

Submittal Deadlines Not Met. None.

Approved Changes to Conditions of Certification. On June 14, 2011 PVSII in accordance with Title 20 CCR Section 1769, PVSII filed a petition for amendment to the BSPP Final Decision (Petition). The amendment reflected modifications to the design of the facility and the location of its transmission line to reflect the new proposed location of the Colorado River Substation. On August 24, 2011, the CEC issued an Order which deemed this Amendment approved.

Filings or Permits Issued by Other Governmental Agencies. None.

Projected Compliance Activities for September 2011/October 2011. In addition to continued reporting on the standard compliance items that require monthly updates, PVSI anticipates that the following compliance documents will be submitted in the September or October MCRs:

- AQ-SC01: AQCMP Update/AQCMM Change Request
- AQ-SC-08: Surrender ATCs
- COM-05: Updated Matrix for Maintenance period
- COM-06: Monthly Compliance Report
- CUL-13: Phase 1B Evaluation Report
- Waste-01: MEC/UXO After Action Report that was for Phase 1B
- Worker Safety-01: Updated Worker Safety Plan

Listing of Additions to Onsite Compliance Files During Reporting Period. Copies of the documents included in the exhibits to this monthly compliance report have been added to the onsite compliance files.

Requests to Dispose of Items Required to be in Compliance Files. For this reporting period, no requests are being made for the disposal of items listed in the Project owner's compliance files.

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 1
Response to BLM
(Compliance Maintenance Strategy)

VIA OVERNIGHT MAIL AND EMAIL

Mr. John R. Kalish
Field Manager
U.S. Bureau of Land Management
Palm Springs – South Coast Field Office
1201 Bird Center Drive
Palm Springs, CA 92262-8001
John_Kalish@blm.gov

August 25, 2011

Re: 2800(P) CACA-048811 (CA660)

Dear Mr. Kalish:

Palo Verde Solar I, (PVSI) acknowledges receipt of your Notice/Order for Immediate Temporary Suspension of Activities Issued dated August 23, 2011 (Attachment 1). Although we disagree that we have violated any term or condition of our ROW Grant or any state and federal law or regulation, we are committed to cooperate with you and your staff to resolve any issues resulting from our decision and announcement to switch the solar electric generating facilities from using concentrated solar trough design to photovoltaic panels. Please understand that PVSI acknowledges that it cannot construct a project utilizing photovoltaic panels without specific authorization from BLM and appropriate state and federal permits. PVSI never intended to imply that it could continue construction on site to build a photovoltaic facility without repermitting.

As directed by BLM, we are including a 299 Application to Amend our ROW Grant (Attachment 2). This application is not yet supported by an Amended Plan of Development which will be developed and submitted within the next 90 days. Please note, as instructed, the 299 Application to Amend includes the request to modify the generation tie-line transmission route to accommodate the modified location of the Colorado River Substation and to accommodate an overlap of ROW Grants with the Desert Southwest Transmission Project.

The purpose of this letter is to outline the activities that PVSI believes should be undertaken on site during the time while the BLM and other agencies are processing modifications to the existing permits. PVSI looks forward to continued cooperative discussions to outline these issues clearly so it has a clear path forward to comply with all terms and conditions of its permits in order to avoid environmental or health and safety impacts.

Current Site Status

PVSI has installed desert tortoise fencing for a portion of the Phase IA approved area. No desert tortoise fencing for Phase IB has been installed. Within the Phase IA fenced area, some of the site has been cleared and grubbed (primarily within the Shared Facilities Area and a portion of the access road corridor). Attachment 3 identifies the portions where clearing and grubbing was conducted. The clearing and grubbing activities ceased on August 23, 2011 but have resulted in piles of vegetative material that should be chipped to discourage its use as habitat. PVSI is currently staging these areas on site to accommodate chipping. The chipping equipment is currently scheduled to arrive on site on September 7, 2011. PVSI requests confirmation that this activity can commence as planned. The site has temporary storm drainage with check dams in compliance with the approved Storm Water Pollution Prevention Plan (SWPP) and the Drainage Erosion Sedimentation Control Plan (DESCP). One production well and one test well have been installed on site and is currently operational.

Planned activities for the next three weeks are provided as Attachment 4.

MAINTENANCE, MONITORING AND REPORTING ACTIVITIES PROPOSED

Monitoring and Security

We propose to have our Construction Manager and Environmental Compliance Manager (Amandeep Singh) located in our office in the City of Blythe physically inspect the site every weekday. We propose to have a security guard on-site during nights and weekends.

We propose to maintain our on-call contracts with the approved Designated Biologist(s) and monitors, the approved Cultural Resource Specialists and monitors, Native American Monitors, and UXO specialists.

We propose to arrange a monthly site visit conducted by the Environmental Compliance Manager for the purposes of accommodating inspections by a biological monitor, a cultural resource monitor, a Native American monitor, and a BLM representative who will all be invited to attend.

If there is any need to repair the desert tortoise or security fencing or cattle guards identified by the daily site monitoring, such work will be performed under the supervision of the monitors in compliance with the conditions and approved plans. Such supervision will include cultural and Native American monitors, a biological monitor and a UXO specialist.

PVSI does not envision modifications to compliance plans will be necessary. We will comply with all compliance plans as applicable to the activities that will be undertaken to maintain the site during the re-permitting process. PVSI will continue to maintain all activities to remain in compliance with the Biological Opinion and specifically plans relating to the desert tortoise.

Reporting

PVSI proposes continuing monthly compliance reporting to the CEC CPM and the BLM in the same manner that has been employed since the beginning of construction of Phase IA. PVSI will provide additional reports to comply with various Plans that require separate reporting, such as the SWPPP.

Maintenance Activities

PVSI will be executing an on-call agreement with a contractor capable of providing fence repair, drainage structure repair and maintenance, and maintaining dust suppression.

Dust Palliative

In order to minimize dust, PVSI proposes to treat all disturbed areas within the Phase IA fenced area with the approved dust palliative in September 2011 prior to demobilization of the contractor. If the dust palliative is disturbed by a rain event or otherwise needs to be reapplied, the Construction Manager will direct the contractor to reapply the dust palliative as necessary.

Hazardous Materials

Currently, the contractor has some hazardous materials on site that are necessary for construction activities, including a diesel fuel tank, oil, etc. These items will be removed from the site when the contractor demobilizes. Demobilization is planned for October 14, 2011.

Endangered Species Act Exclusion Fencing

There are three areas outside the Phase IA fenced areas where Endangered Species Act Exclusion Fencing (Exclusion Fencing) was installed to ensure these areas will be avoided by construction crews. Since no further activity will take place outside the Phase IA fence line, PVSI proposes to remove the Exclusion Fencing.

Weed Management

At this time, PVSI does not have an approved Pesticide Use Permit to implement its Weed Management Plan. Once the permit is issued by BLM, PVSI proposes to conduct weed prevention and abatement activities on the site in accordance with our CEC-approved Weed Management Plan.

Water Well and Tank

PVSI proposes to have the contractor remove the water tank but the well and meter will remain operational to support the dust palliative, weed management and any fence or drainage repair activities. Water use will be minimal but will be reported in the monthly compliance report. However, PVSI proposes to cease off-site well monitoring and resume after repermitting is completed.

Drainage Control

PVSI proposes to monitor the drainage structures during and after rain events using the Construction and Compliance Managers, who will visit the site every weekday. If a rain event damages the drainage structures, silt fencing, or desert tortoise or security fencing, the damage will be repaired with the use of the on-call contractor and will be supervised by the monitors in accordance with the compliance plans.

As reported in the latest Monthly Compliance Report, there was a rain event on July 6, 2011 that caused silt to build up along silt fencing installed along the access road. The concern was localized to four or five locations along the access road where the corridor crossed an existing wash feature. The silt fencing was not installed as part of the BMPs for the SWPPP or the DESCP but instead was installed to warn OHV/recreational drivers to avoid damaging the fencing. PVSI proposes to remove the silt fencing in these localized areas to avoid the build up during future rain events, which is consistent with the SWPPP and DESCP.

WEAP Training

The Compliance Manager will continue to provide WEAP Training for the new on-call contractor and for those that will be on-site that have not been previously trained.

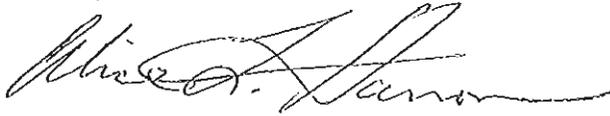
Administrative Changes

PVSI will also make a few administration changes related to Kiewitt demobilization from the site. The SWPPP currently identifies Kiewitt personnel as the parties responsible for implementation. PVSI will modify the SWPPP to identify a PVSI representative as the party responsible for implementation. Additionally, the Site Safety Plans will be modified to reflect that PVSI, rather than Kiewitt, will be implementing the measures in the plans. The Compliance Manager has the qualifications to be the approved Air Quality Construction Mitigation Monitor and PVSI will be submitting his resume to obtain approval to replace the current AQCMM.

PVSI looks forward to continued working with BLM and its agency partners to ensure that the activities outlined in this letter will address any concerns related to maintenance of the site in compliance with all terms and conditions of its ROW Grant and related permits and applicable state and federal laws. Please provide written confirmation that the activities described in this letter can be undertaken during the period PVSI seeks to amend and acquire its permits to construct a solar photovoltaic facility on the site.

Thank you for your cooperation.

Sincerely,



Alice L. Harron
President, STA Development
PVSI Authorized Signatory

**APPLICATION FOR TRANSPORTATION AND
 UTILITY SYSTEMS AND FACILITIES
 ON FEDERAL LANDS**

FORM APPROVED
 OMB NO. 1004-0189
 Expires: April 30, 2012

FOR AGENCY USE ONLY

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

Application Number
Date filed

1. Name and address of applicant (include zip code)	2. Name, title, and address of authorized agent if different from Item 1 (include zip code)	3. TELEPHONE (area code)
Palo Verde Solar I, LLC 1111 Broadway, 5th Floor Oakland, CA 94607	Alice Harron President, STA Development LLC	Applicant 510-463-6512 Authorized Agent Alice Harron

4. As applicant are you? (check one)	5. Specify what application is for: (check one)
a. <input type="checkbox"/> Individual b. <input checked="" type="checkbox"/> Corporation* c. <input type="checkbox"/> Partnership/Association* d. <input type="checkbox"/> State Government/State Agency e. <input type="checkbox"/> Local Government f. <input type="checkbox"/> Federal Agency *If checked, complete supplemental page	a. <input type="checkbox"/> New authorization b. <input type="checkbox"/> Renewing existing authorization No. c. <input checked="" type="checkbox"/> Amend existing authorization No. d. <input type="checkbox"/> Assign existing authorization No. e. <input type="checkbox"/> Existing use for which no authorization has been received* f. <input type="checkbox"/> Other* *If checked provide details under Item 7

6. If an individual, or partnership are you a citizen(s) of the United States? Yes No

7. Project description (describe in detail): (a) Type of system or facility, (e.g., canal, pipeline, road); (b) related structures and facilities; (c) physical specifications (length, width, grading, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (Attach additional sheets, if additional space is needed.)

CACA 48811 Right of Way Application: Palo Verde Solar I, LLC (PVSI) received a ROW Grant to develop and construct a solar thermal (parabole trough) power plant on BLM land near Blythe on November 4, 2010. PVSI would like to amend its previous approvals and ROW grant to change the authorized technology from solar thermal to solar photovoltaics. PVSI plans to develop these PV facilities at the Blythe site including: design, engineer, permit, construct, interconnect, operate and maintain the plants over the term of the power purchase agreements with the utilities, which can be as long as thirty (30) years, with options to extend. PVSI plans to begin construction of a PV facility by 2013.

Please see Blythe Solar Power Project Final Environmental Impact Statement filed dated August 20, 2010. This analysis will be updated to reflect the technology change to photovoltaic equipment in a forthcoming Plan of Development within the next 90 days.

In addition, the attached legal descriptions and figure as well as the forthcoming update to the Plan of Development reflect a minor revision to the previous gentle alignment. This change will accommodate an overlapping, existing ROW approval for the Desert Southwest transmission line and a recently revised location for the Colorado River substation.

8. Attach a map covering area and show location of project proposal

9. State or local government approval: Attached Applied for Not required

10. Nonreturnable application fee. Attached Not required

11. Does project cross international boundary or affect international waterways? Yes No (If "yes," indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

Palo Verde Solar I, LLC is a subsidiary of STA Development, LLC. We are technically and financially capable of completing the project described in this application.

13a. Describe other reasonable alternative routes and modes considered.

The area requested for the right of way was selected based on nearly flat topology and short distance to Southern California Edison's new Colorado River substation, Highway I-10, and other infrastructure.

b. Why were these alternatives not selected?

Alternative sites would require longer road, transmission line and telecom construction which would result in greater cost and environmental impact.

c. Give explanation as to why it is necessary to cross Federal Lands

The project site was selected to be located on Federal Lands because it is a short distance of undeveloped and potentially available lands that will connect the solar power project to the proposed Colorado River substation and Highway I-10.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number, date, code, or name)

STA Development, LLC has another pending application CACA 48810 (Pala). This application will support the CACA 48811 (Blythe) application. PVSI is aware of similar applications by other parties in the greater Mojave & Sonoran Desert region. Federal, executive, legislative, and departmental leadership supports use of Federal lands for renewable energy development.

15. Provide statement of need for project, including the economic feasibility and items such as: (a) cost of proposal (construction, operation, and maintenance); (b) estimated cost of next best alternative; and (c) expected public benefits.

The right of way will support the proposed solar power projects that will serve the large and pressing need for clean renewable electric power throughout California, specifically in view of the aim of AB32. The construction cost of the transmission line is close to \$20 million. The project will be built in phases over several years and create a stable supply of engineering and construction jobs in the region.

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

This proposed PV project would bring hundreds of workers during construction. Obtaining locally available goods and services would result in the expenditure of funds in the local economy, and the production of renewable energy in the area may draw additional visitors and revenue to the area.

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

Please see Blythe Solar Power Project Final Environmental Impact Statement filed dated August 20, 2010. This analysis will be updated to reflect photovoltaic technology in a forthcoming Plan of Development within the next 90 days.

18. Describe the probable effects that the proposed project will have on (a) populations of fish, plantlife, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

Please see Blythe Solar Power Project Final Environmental Impact Statement filed dated August 20, 2010, the Biological Opinion dated October 8, 2010, and amendment to the Biological Opinion dated March 28, 2011. This analysis will be updated to reflect photovoltaic technology in a forthcoming Plan of Development within the next 90 days.

19. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq., and its regulations. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, 42 U.S.C. 9601 et seq., and its regulations. The term hazardous materials also includes any nuclear or byproduct material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCLA Section 101(14), 42 U.S.C. 9601(14), nor does the term include natural gas.

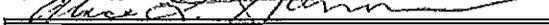
Please see Blythe Solar Power Project Final Environmental Impact Statement filed dated August 20, 2010. Information will be provided for photovoltaic technology in a forthcoming Plan of Development within the next 90 days.

20. Name all the Department(s)/Agency(ies) where this application is being filed.

DLM - Palm Springs

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant



Date

8/25/11

Title 18, U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS
AND FACILITIES ON FEDERAL LANDS

GENERAL INFORMATION
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.
4. Systems for the transmission and distribution of electric energy.
5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.
6. Improved rights-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.
7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application must be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

U.S. Department of Agriculture
FOREST SERVICE (USFS)
Alaska Regional Office (Region 10)
Physical Address:
Federal Office Building
709 West 9th Street
Juneau, Alaska 99801
Mailing Address:
P.O. Box 21628
Juneau, Alaska 99802
Telephone: 907-586-8806

U.S. Department of the Interior
BUREAU OF INDIAN AFFAIRS (BIA)
Alaska Regional Office (Juneau)
Mailing/Physical Address:
P.O. Box 25520
709 West 9th Street
Juneau, Alaska 99802
Telephone: 800-645-8397

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT (BLM)
Alaska State Office
Mailing/Physical Address:
222 West 7th Avenue #13
Anchorage, Alaska 99513
Telephone: 907-271-5960

U.S. Department of the Interior
NATIONAL PARK SERVICE (NPS)
Alaska Regional Office (Anchorage)
Mailing/Physical Address:
240 West 5th Avenue, Room 114
Anchorage, Alaska 99501
Telephone: 907-644-3501

U.S. Department of the Interior
FISH AND WILDLIFE SERVICE
Alaska Regional Office (Region 7)
Mailing/Physical Address:
1011 East Tudor Road
Anchorage, Alaska 99501
Telephone: 907-271-5011

Note: Filings with any Department of the Interior agency may be filed with any office noted above or with the:

U.S. Department of the Interior
OFFICE OF ENVIRONMENTAL POLICY AND COMPLIANCE
Alaska Regional Office (Anchorage)
Regional Environmental Officer
1689 C Street, Room 119
Anchorage, Alaska 99501
Telephone: (907) 271-5011

U.S. Department of Transportation
FEDERAL AVIATION ADMINISTRATION
Alaska Regional Office (Anchorage)
222 West 7th Avenue, #14
Anchorage, Alaska 99513
Telephone: 907-271-5269

NOTE - The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual departments/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS
(Items not listed are self-explanatory)

- Item*
- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
 - 8 Generally, the map must show the section(s), township(s), and ranges within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
 - 9, 10, and 12 - The responsible agency will provide additional instructions.
 - 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
 - 14 The responsible agency will provide instructions.
 - 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
 - 16 through 19 - Providing this information in as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use a sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.
- Application must be signed by the applicant or applicant's authorized representative.

If additional space is needed to complete any item, please put the information on a separate sheet of paper and identify it as "Continuation of Item".

SUPPLEMENTAL

NOTE: The responsible agency(ies) will provide additional instructions	CHECK APPROPRIATE BLOCK	
	ATTACHED	FILED*
I - PRIVATE CORPORATIONS		
a. Articles of Incorporation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Corporation Bylaws	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.	<input type="checkbox"/>	<input type="checkbox"/>
f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications	<input type="checkbox"/>	<input type="checkbox"/>
g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.	<input type="checkbox"/>	<input type="checkbox"/>
II - PUBLIC CORPORATIONS		
a. Copy of law forming corporation	<input type="checkbox"/>	<input type="checkbox"/>
b. Proof of organization	<input type="checkbox"/>	<input type="checkbox"/>
c. Copy of Bylaws	<input type="checkbox"/>	<input type="checkbox"/>
d. Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
e. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.	<input type="checkbox"/>	<input type="checkbox"/>
III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY		
a. Articles of association, if any	<input type="checkbox"/>	<input type="checkbox"/>
b. If one partner is authorized to sign, resolution authorizing action is	<input type="checkbox"/>	<input type="checkbox"/>
c. Name and address of each participant, partner, association, or other	<input type="checkbox"/>	<input type="checkbox"/>
d. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.	<input type="checkbox"/>	<input type="checkbox"/>

* If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information (e.g., number, date, code, name). If not on file or current, attach the requested information.

NOTICES

NOTE: This applies to the Department of the Interior/Bureau of Land Management (BLM).

The Privacy Act of 1974 provides that you be furnished with the following information in connection with the information provided by this application for an authorization.

AUTHORITY: 16 U.S.C. 310 and 5 U.S.C. 301.

PRINCIPAL PURPOSE: The primary uses of the records are to facilitate the (1) processing of claims or applications; (2) recordation of adjudicative actions; and (3) indexing of documentation in case files supporting administrative actions.

ROUTINE USES: BLM and the Department of the Interior (DOI) may disclose your information on this form: (1) to appropriate Federal agencies when concurrence or supporting information is required prior to granting or acquiring a right or interest in lands or resources; (2) to members or the public who have a need for the information that is maintained by BLM for public record; (3) to the U.S. Department of Justice, court, or other adjudicative body when DOI determines the information is necessary and relevant to litigation; (4) to appropriate Federal, State, local, or foreign agencies responsible for investigating, prosecuting violation, enforcing, or implementing this statute, regulation, or order; and (5) to a congressional office when you request the assistance of the Member of Congress in writing.

EFFECT OF NOT PROVIDING THE INFORMATION: Disclosing this information is necessary to receive or maintain a benefit. Not disclosing it may result in rejecting the application.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certifications for the use of Federal Lands.

Federal agencies use this information to evaluate your proposal.

No Federal agency may request or sponsor and you are not required to respond to a request for information which does not contain a currently valid OMB Control Number.

BURDEN HOURS STATEMENT: The public burden for this form is estimated at 25 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to: U.S. Department of the Interior, Bureau of Land Management (1004-0189), Bureau Information Collection Clearance Officer (WO-630) 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

A reproducible copy of this form may be obtained from the Bureau of Land Management, Division of Lands, Realty and Cadastral Survey, 1620 L Street, N.W., Rm. 1000 LS, Washington, D.C. 20036.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Palm Springs/South Coast Field Office

1201 Bird Center Drive

Palm Springs, CA 92262

(760) 833-7100 Fax (760) 833-7199



Visit us on the Internet at

www.blm.gov/ca/palmsprings/

August 23, 2011

In Reply Refer to:
2800(P)
CACA-048811
(CA660)

DELIVERED IN PERSON

NOTICE/ORDER

Alice L. Harron : CACA-048811
Palo Verde Solar I :
1111 Broadway, 5th floor :
Oakland, CA 94607 :

Immediate Temporary Suspension of Activities Issued

On November 4, 2010, the Bureau of Land Management (BLM) issued a right-of-way (ROW) grant to Palo Verde Solar I, LLC, to construct, operate, maintain, and decommission a 1,000 MW nominal solar thermal power project and its ancillary facilities. The project consists of four adjacent, and independent power block units of 250 MW nominal capacity each, with onsite facilities including an administration building, parking area, maintenance building, switchyard, bioremediation areas, wastewater treatment facilities, access and maintenance roads (either dirt, gravel or paved), perimeter fencing, central gas pipeline, a distribution line, above and below-ground fiber optic lines, and water wells; offsite facilities including an access road to the site, a distribution line, gas pipeline, above and below-ground fiber optic lines, and a new double-circuit 230 kV generation-tie line, all of which aggregating approximately 7,025 acres, more or less (the "Blythe Solar Project").

On November 4, 2010 the BLM authorized Palo Verde Solar I, LLC, as identified in the Final Plan of Development, to begin construction on a section of Black Rock Road, the new turn-off for the plant access road, a temporary 12.47 kV power line, water well, Phase 1a non-linear facilities, shared facilities area, and a portion of Solar Unit 1.

Under the terms and conditions of the ROW Grant, the ROW instrument is issued subject to the holder's compliance with all applicable laws and regulations and, in particular, with the regulations contained in Title 43 CFR Part 2800 (CACA-48811, sec.5a). Under 43 CFR 2807.20(a), you must seek to amend your grant when there is a proposed substantial deviation in location or use. Also under the regulations, at 43 CFR 2807.16(a), and according to the ROW Grant, failure to comply with the terms, conditions, or stipulations of the ROW instrument shall be grounds for immediate temporary suspension of construction activities (CACA 48811, sec.5a). According to the ROW Grant, the approved Final Plan of Development (POD) is incorporated into and made a part of the ROW Grant (CACA 48811, sec.5b).

On August 18, 2011, Palo Verde Solar I, LLC, through Solar Trust of America, announced their intent to change the solar technology from concentrated solar power (CSP) to photovoltaic (PV). The BLM's ROW approval process, analysis of the selected project alternative and the Final Plan of Development incorporated into the ROW grant all assumed construction of CSP generating facility. The proposed change in technology would constitute a substantial deviation in the anticipated use of the ROW grant, and therefore would be a violation of the terms and conditions of the ROW Grant (CACA 48811, sec 5a).

As result, the BLM orders the immediate temporary suspension of all surface disturbing construction activities related to the Blythe Solar Project pursuant to 43 CFR 2807.16. However, all biological monitoring/surveys shall still occur as previously scheduled. The project area must be secured against all hazardous conditions caused by construction activities to both wildlife and members of the public.

To avoid this suspension, the ROW Grant holder should file an amended SF299 form to request the change in the project accordingly. Once such request is processed in accordance with all applicable laws and regulations, BLM may lift this suspension Notice/Order if it is appropriate at that time.

All observations and handling resulting from such biological monitoring, shall be recorded and reported monthly consistent with the requirements of the Plan of Development for the Blythe Solar Project. "All observations will be reported to the AB who will record the following information for the monthly compliance report: (1) species name; (2) location (global positioning system coordinates, narrative and maps) and dates of observations; (3) general condition and health, including injuries and state of healing; (4) diagnostic markings, including identification numbers or markers; and (5) locations moved from and to. All Service (2008) Guidelines for monitoring and reporting will be followed.

Pursuant to 43 CFR 2807.16(d), this Notice/Order shall remain in effect until permission to resume activities is issued by the BLM. The holder of this grant must make a written request to BLM for permission to resume activities at any time after receipt of this Notice/Order. Per 43 CFR 2807.16(c), such request must give the relevant support facts and state the reasons why you believe the BLM should lift the Notice/Order. The BLM may grant or deny, pursuant to 43 CFR 2807.16(c). If BLM denies such request the holder of this grant may appeal such decision in accordance with 43 CFR 2801.10.

If you have any question, you may contact Allison Shaffer, Realty Specialist, at 760-833-7104.

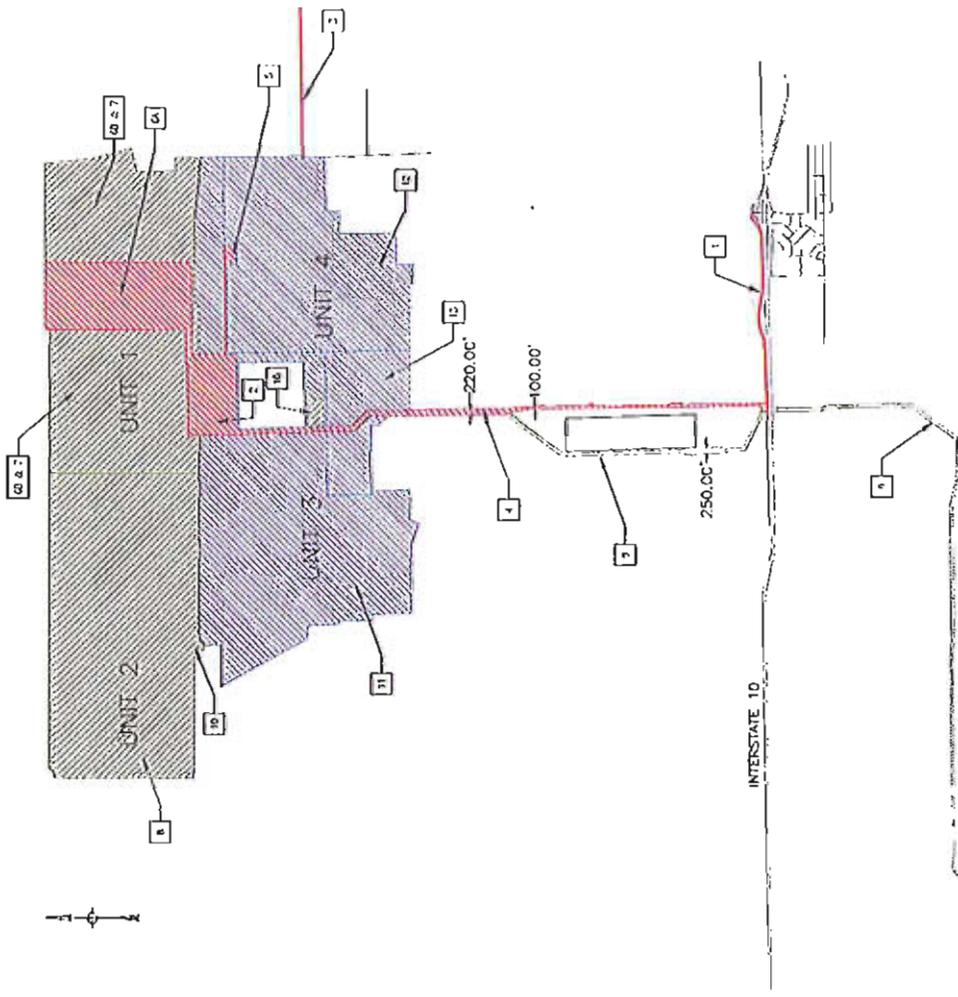
Sincerely,


John R. Kalish
Field Manager

cc: Teri Raml, District Manager, California Desert District
Greg Miller, Renewable Energy Coordination Office Program Manager

LEGEND

-  PHASE 1A DISTURBANCE TO DATE
-  AREA TO BE DISTURBED AFTER PHASE 1B NOTICE TO PROCEED
-  PHASE 2 ESTIMATED DISTURBANCE



DISTURBED AREA PHASE 1A			
ITEM	DESCRIPTION	AREA (ACRES)	DURATION (MONTHS)
1	BLACK ROCK ROAD	17.3	
2	SHARED FACILITIES	126	
3	CONSIGNMENT POWER	11.7	
4	UTILITIES CORRIDOR	102.4	
5	WATER WELL	8.6	
6A	UNIT 1	373.8	
6B	REMAINING APPROVED PHASE 1A AREA NOT YET FORCED OR DISTURBED	129.02	
	SUB TOTAL	772.68 ACRES	APPROXIMATELY 9 MONTHS
DISTURBED AREA PHASE 2			
7	REMAINDER OF U. 1	1207.92	
8	UNIT 2	1680	
9	CON-TIE	107.6	
10	LAND TREATMENT UNIT	16	
	SUB TOTAL	3011.52 ACRES	APPROXIMATELY 40 MONTHS
DISTURBED AREA PHASE 2			

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 2
Early Works 3-Week Look Ahead Schedule

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 3
Key Events List

KEY EVENTS LIST

PROJECT: Blythe Solar Power Project

DOCKET #: 09-AFC-6C

CEC COMPLIANCE PROJECT MANAGER: Mary Dyas

EVENT DESCRIPTION	DATE
Date of Certification	9/15/10
Obtain Site Control	11/04/10
Online Date	TBD
POWER PLANT SITE ACTIVITIES	
Start Site Pre-Mobilization	11/22/10
Start Ground Disturbance	11/29/10
Start Grading	12/15/10
Start Construction	12/15/10
Begin Pouring Major Foundation Concrete	TBD
Begin Installation of Major Equipment (begin erection of ACC)	TBD
Completion of Installation of Major Equipment	TBD
First Combustion of Gas Turbine	TBD
Obtain Building Occupation Permit	TBD
Start Commercial Operation – UNIT 1	TBD
Start Commercial Operation – UNIT 2	TBD
Complete All Construction	TBD
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	TBD
Synchronization with Grid and Interconnection	TBD
Complete T/L Construction	TBD
HEAT TRANSFER FLUID (HTF) ACTIVITIES	
HTF Delivery	TBD
WATER TREATMENT FACILITY ACTIVITIES	
Turn Over in Commissioning Water Treatment	TBD
Complete Turnover in Commissioning Water Treatment	TBD

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 4
Construction Photographs



Survey in Phase 1B



Clear and Grub in Shared Facilities Area



Removal of ESA Fencing



Check Dam Installation



Installation of Project Sign at Intersection of Dracker Drive & Black Rock Road



Monthly Safety Recap with Staff, Inspectors and Crew



Clear & Grub in Shared Facilities Area



Survey As-Built Check Dams



Clear and Grub Haul Off



Silt Fence Repair

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 5
Compliance Matrix
**(A Compliance Maintenance Matrix will be
Submitted with the Next MCR)**

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 6
Air Quality Construction Mitigation Documentation

AQCMM Monthly Summary for August 2011

Blythe Solar Power Project

Weather

Temperatures ranged from the 80 to 114 (degrees F) with sunny days. On August 27th 2011 the project encountered a small rain event, approximately 0.005" of rain fell and caused erosion along the fence line. The installation of the check dams served its purpose in most areas.

Air Quality

Site work activities this month that had the potential to produce fugitive dust emissions included clearing and grubbing as well as operations on the main plant road. To mitigate fugitive dust emissions, a water truck was being utilized as frequently as needed. If watering does not adequately mitigate the dust plume, construction activities in that area are suspended until conditions improve.

The Air Quality Construction Mitigation Plan (AQCMP) for the Blythe Solar Power Project requires all construction equipment to be inspected by the Air Quality Construction Mitigation Manger (AQCMM). All construction equipment on site has been inspected by the AQCMM or his delegate and meets the requirements of California Air Resources Board (CARB). The major pieces of equipment onsite may be found in the following equipment list.

AQ-SC3(b) states that all unpaved roads shall be stabilized with a non-toxic soil stabilizer. For the reason that we do not plan to enter the Solar Field 1A section anytime soon and instead of having the water truck water down that area for dust control reasons until we plan on building in that area, we decided to apply Soil Sement on the unpaved road. The dust control plan states that dust control requires water or a soil binder, thus the Solar Field 1A area is in compliance with the BLM approved binder called Soil Sement and the rest of the disturbed areas on the project as being treated with water.

Blythe Solar Power Project - Construction Equipment List

EIN #	Tier #	Vehicle Description	Vehicle Make/Model	Vehicle Serial #	Engine Model	Engine Family	Engine Serial #
VG6V57	Tier 3	Blade	John Deere 772GP	DW772GP625550	6090HDW01AB	9JDXL09.0102	RG6090L061725
XN5U75	Tier 3	Backhoe	CAT 450E	EBL00357	C4.4 ACERT	8PKXL04.4NUI	C4E06384
NV4K69	Tier 4	Loader	Volvo 150G	VCEL150GE00022113	D13H	BVSXL12.8T4i	268570



KIEWIT POWER CONSTRUCTORS CO.

9401 Renner Blvd, Lenexa, KS 66219
Phone: (913) 928-7800 • Fax: (913) 928-4800

Blythe Solar Power Project Construction Equipment Emissions Inspection

The Air Quality Construction Mitigation Plan (AQCMP) for the Blythe Solar Power Project requires all construction equipment to be inspected by the Air Quality Construction Mitigation Manager (AQCMM) or Delegate prior to use.

Inspector: John Upton

Equipment Description: Front End Loader

Equipment Make / Model: Volvo L150G

Equipment Serial Number: VCEL150GAE00022113

Engine Model: D13H

Engine Family: BV5XL12.8T4I

Engine Serial Number: 268570

EIN Number: NV4K69

Comments: 2011 Tier 4

The construction equipment referenced above has been inspected by the AQCMM or delegate and meets the emissions requirements identified in the California Energy Commission Condition of Certification AQ-SC5.

John Upton
Signature
(AQCMM or Delegate)

8-24-11
Date



Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2011	BVSXL12.8T4I	12.8	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Electronic Direct Injection, Turbocharger, Charge Air Cooler, Electronic Control Modules, Smoke Puff Limiter, Exhaust Gas Recirculation, Particulate Trap Oxidizer			Loaders, Articulated Hauler, Excavators, Other Industrial Equipment	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			HC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
130 ≤ kW ≤ 560	Tier 4 / ALT NOx	STD	0.19	2.0	N/A	3.5	0.02	N/A	N/A	N/A
		CERT	0.01	1.8	-	0.1	0.01	-	-	-

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2428 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 17th day of December 2010.

Annette Habart, Chief
 Mobile Source Operations Division



California Environmental Protection Agency
Air Resources Board

March 19, 2009

**CERTIFICATE OF REPORTED COMPLIANCE
 OFF-ROAD DIESEL VEHICLE REGULATION**

is issued to

Volvo Construction Equipment & Services

This certificate indicates that the fleet listed above has reported off-road diesel vehicles to the California Air Resources Board in compliance with title 13, CCR, section 2449. All applicable vehicles owned by the individual, company or agency must be reported and labeled, as specified in Section 2449, with all possible completeness, else this certificate is null and void.

Robert Cross
 Robert Cross

Division Chief, Mobile Sources Control Division
 California Air Resources Board

Off-road Diesel Fleet Identification
 904

To verify the authenticity of this certificate, enter the number of
 904 / www.arb.ca.gov/doors/doors_reporting/perm/php/certificate_compliance2.php

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 7
Resource Specialists' Monthly Reports
**(Monthly Report of Cultural Resources
Monitoring Activities Filed Confidentially)**

**BLYTHE SOLAR POWER PROJECT PHASE 1A
MONTHLY COMPLIANCE
BIOLOGICAL RESOURCES REPORT
FOR AUGUST 2011**

Prepared for:

Palo Verde Solar I, LLC
1111 Broadway, Fifth Floor
Oakland, California 94607

Prepared by:

AECOM
2101 Webster Street, Suite 1900
Oakland, California 94612
Phone: (510) 622-6600
Fax: (510) 834-4304

September 2011

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- 1 Figures
- 2 Species Observed During August Monitoring
- 3 Photos
- 4 Daily Biological Monitoring Logs

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INTRODUCTION

On behalf of Palo Verde Solar I, LLC (PVSI), AECOM biologists performed biological resource construction monitoring in August, 2011, for Phase 1A of the Blythe Solar Power Project (Project or BSPP). Phase 1A includes development of the initial production well, creation of an equipment staging area around the production well, development of a Shared Facilities (Services) area, development of an East/West (E/W) Connector Road linking the Well (Staging) Area to the north end of the Main (Permanent) Access Road, development of the Main Access Road itself, and construction of a portion of the Unit 1 solar field including the power block area. Biological monitoring of Phase 1A construction in August was 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) (Blythe Solar Power Project Commission Decision, CEC-800-2010-009-CMF, DOCKET NUMBER 09-AFC-6 September 15, 2010)
- Blythe Solar Power Project Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP, Docket Number 09-AFC-6C, October 2010) and appended Compliance Plans:
 - Revegetation Plan (Appendix C of BRMIMP)
 - Desert Tortoise Relocation/Translocation Plan (Appendix D of BRMIMP)
 - Raven Management Plan (Appendix E of BRMIMP)
 - Weed Management Plan (Appendix F of BRMIMP)
 - Burrowing Owl Mitigation Plan (Appendix G of BRMIMP)
 - Couch's Spadefoot Toad Protection and Mitigation Plan (Appendix I of BRMIMP)
- U.S. Fish and Wildlife Service (USFWS) Section 7 Biological Opinion (BO) on the Blythe Solar Power Plant No. FWS-ERIV-09B0186-10F0880 (October 8, 2010) and BO Amendment (March 28, 2011)
- Bureau of Land Management (BLM) Right of Way (ROW) Grant, Serial Number CACA-048811 (November 1, 2010)
- Record of Decision (ROD), BSPP and Amendment to the California Desert Conservation Area Plan, BLM Case File Number CACA-048811, Environmental Impact Statement FES 10-41 (October 2010)

This report documents compliance monitoring activities and species observed on site during biological monitoring conducted in August 2011. The following biological monitoring took place in August:

- Biological monitoring of fence repairs, sign installation, and vegetation consolidation for chipping along Main Access Road;
- Biological monitoring of clear and grub activities in Shared Facilities;
- Biological monitoring of sign installation in Well Area;
- Weekly reconnaissance for ravens, focusing on potential subsidies.

A list of wildlife species observed and photos taken during these activities are provided in Attachments 2 and 3, respectively.

PROJECT LOCATION AND DESCRIPTION

The Project site is located in the Southern California inland desert, approximately 8 miles west of the city of Blythe and 2 miles north of Interstate 10 (I-10) in Riverside County (County), California. The Project is located on a 7,025-acre ROW owned by the federal government and managed by the BLM, pursuant to an ROW grant issued to PVSII from BLM and the parallel electric power plant certification issued by CEC. The total Project Disturbance Area (at build out) will be 7,025 acres. Phase 1A of the Project (the current phase), which totals 773 acres, is shown in Figure 1.

When fully constructed, the Project will have a nominal output of 1,000 megawatts (MW), consisting of four independent 250-MW power plants (Units #1, #2, #3, and #4). The units will be developed in phases, and construction commenced on November 29, 2010, for the Well Area and Main Access Road within Phase 1A. The first unit is expected to come on line in 2014, and subsequent units are anticipated to come on line in each of the following 3 years.

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Biological mitigation measures for the BSPP 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 August 2011, Project activities were in compliance with the COCs that apply to the construction activities. These COCs are as follows:

- BIO-1: Designated Biologist Selection and Qualifications
- BIO-2: Designated Biologist Duties
- BIO-3: Biological Monitor Selection and Qualifications
- BIO-4: Biological Monitor Duties
- BIO-5: Designated Biologist and Biological Monitor Authority
- BIO-6: Worker Environmental Awareness Program
- BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan
- BIO-8: Impact Avoidance and Minimization Measures
- BIO-9: Desert Tortoise Clearance Surveys and Fencing
- BIO-10: Desert Tortoise Relocation/Translocation Plan
- BIO-11: Desert Tortoise Compliance Verification
- BIO-13: Raven Management Plan
- BIO-14: Weed Management Plan
- BIO-17: American Badger and Desert Kit Fox Impact Avoidance and Minimization Measures
- BIO-18: Burrowing Owl Impact Avoidance, Minimization, and Compensation Measures
- BIO-19: Special-Status Plant Impact Avoidance, Minimization, and Compensation
- BIO-22: Mitigation for Impacts to State Waters
- BIO-26: Couch's Spadefoot Toad Impact Avoidance and Minimization Measures

No pre-construction biological surveys were conducted during August and COCs dealing solely with pre-construction surveys are not covered in this month's report. The remaining biological COCs pertain to compensatory mitigation or operations, and are therefore also not covered in this report.

WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)

The DB continues to administer a BSPP-specific Worker Environmental Awareness Program (WEAP) that includes a brochure, training video, species cards, and hard hat stickers. As required by COC BIO-6, all new employees/field staff reporting to the site must receive the WEAP training prior to start of work.

All personnel reporting to the field in August received WEAP training, as detailed in the comprehensive MCR. A Kiewit Safety and Compliance Manager, assisted by the DB,

administered the WEAP training to new employees. Signed affidavits are kept on file by the Kiewit Safety and Compliance Manager and the PVSI Compliance Manager.

METHODOLOGY

Biological Monitoring

Construction monitoring was conducted in compliance with COCs BIO-8 and BIO-9. Construction activities were confined to the surveyed and staked and/or fenced disturbance boundaries in accordance with these conditions. Areas not yet fenced with DT exclusion fencing were monitored during construction and related disturbance activities (e.g., driving of equipment, water truck spraying, UXO and cultural resource testing) and were cleared for DT prior to the start of the work day. Construction activities were monitored by the DB or BM (with DB oversight). When clearing, grubbing, and grading occurred in these areas, the DB or BM walked ahead of the construction equipment as it moved along its designated path.

Data Collection and Management

Biological monitoring data were collected on designated Daily Biological Monitoring Logs and electronically scanned/uploaded daily. Global Positioning System (GPS) data (e.g., special-status species detections, sign, and burrow data) were also collected and uploaded daily. A database is maintained of all GPS data and detailed survey results.

SUMMARY OF ACTIVITIES

Activities for August 2011 were as follows:

August 1-5:

- Fence inspection and biological monitoring of sign installation along Main Access Road.
- Biological monitoring of clear and grub activities in Shared Facilities.
- Biological monitoring of sign installation in Well Area.

August 8-12:

- Fence inspection along Main Access Road.
- Biological monitoring of clear and grub activities in Shared Facilities.

August 15-19:

- Fence inspection and biological monitoring of fence repairs along Main Access Road.
- Biological monitoring of clear and grub activities in Shared Facilities.

August 22-26:

- Biological monitoring of vegetation consolidation for chipping along Main Access Road.
- Biological monitoring of clear and grub activities in Shared Facilities (through August 23).
- Monitoring of Environmentally Sensitive Areas (ESAs) and invasive plant populations in Phase 1A.

August 29-31:

- Biological monitoring of fence repairs and vegetation consolidation for chipping along Main Access Road.
- Biological monitoring of clear and grub activities in Shared Facilities.

GENERAL DAILY NOTES AND OBSERVATIONS

Table 1 summarizes construction and biological monitoring activities and observations. Daily notes detailing compliance monitoring activities are provided in Attachments 4.

Table 1 Compliance Monitoring Observations

Location	Construction Activity	Survey Type	Start Date	End Date	Monitor	Special-Status Species	Observations
PHASE 1A - UNIT 1							
Main Access Road	None	Fence Inspection	1-Aug	1-Aug	Tina Poole (ADB)	none	Inspected existing fence integrity. All fine.
	None	N/A	2-Aug	2-Aug		KF	KF observed north of well yard along Main Access Road.
	Sign Installation	Biological Monitoring	3-Aug	3-Aug		none	Monitored installation of a sign south of Main Access Road. Caught and relocated coachwhip snake offsite.
	None	Fence Inspection	12-Aug	12-Aug	Ray Romero (DB)	none	Collected coordinates of check dams. Relocated desert iguana and coachwhip found along silt fenceline.
			15-Aug	15-Aug		none	Drove fenceline and noted soil erosion along some areas. Notified crew. Relocated 4 desert iguanas found along silt fenceline.
	Fence Repairs	Biological Monitoring	16-Aug	16-Aug		none	Checked on crews hand-backfilling eroded fence sections.
	None	Fence Inspection	19-Aug	19-Aug		none	Checked DT fenceline along Main Access Road for wildlife; none observed.
	Vegetation Consolidation for Chipping	Biological Monitoring	24-Aug	24-Aug		none	Monitored skip-loader consolidating cleared vegetation for chipping. Provided site orientation to a new BLM monitor.
			25-Aug	25-Aug		none	Monitored skip-loader separating cut vegetation from soil.
			26-Aug	26-Aug		none	Work areas pre-surveyed. Vegetation being loaded into large trash bins to be hauled off site.
			31-Aug	31-Aug		none	Continuing consolidating vegetation in preparation for chipping.

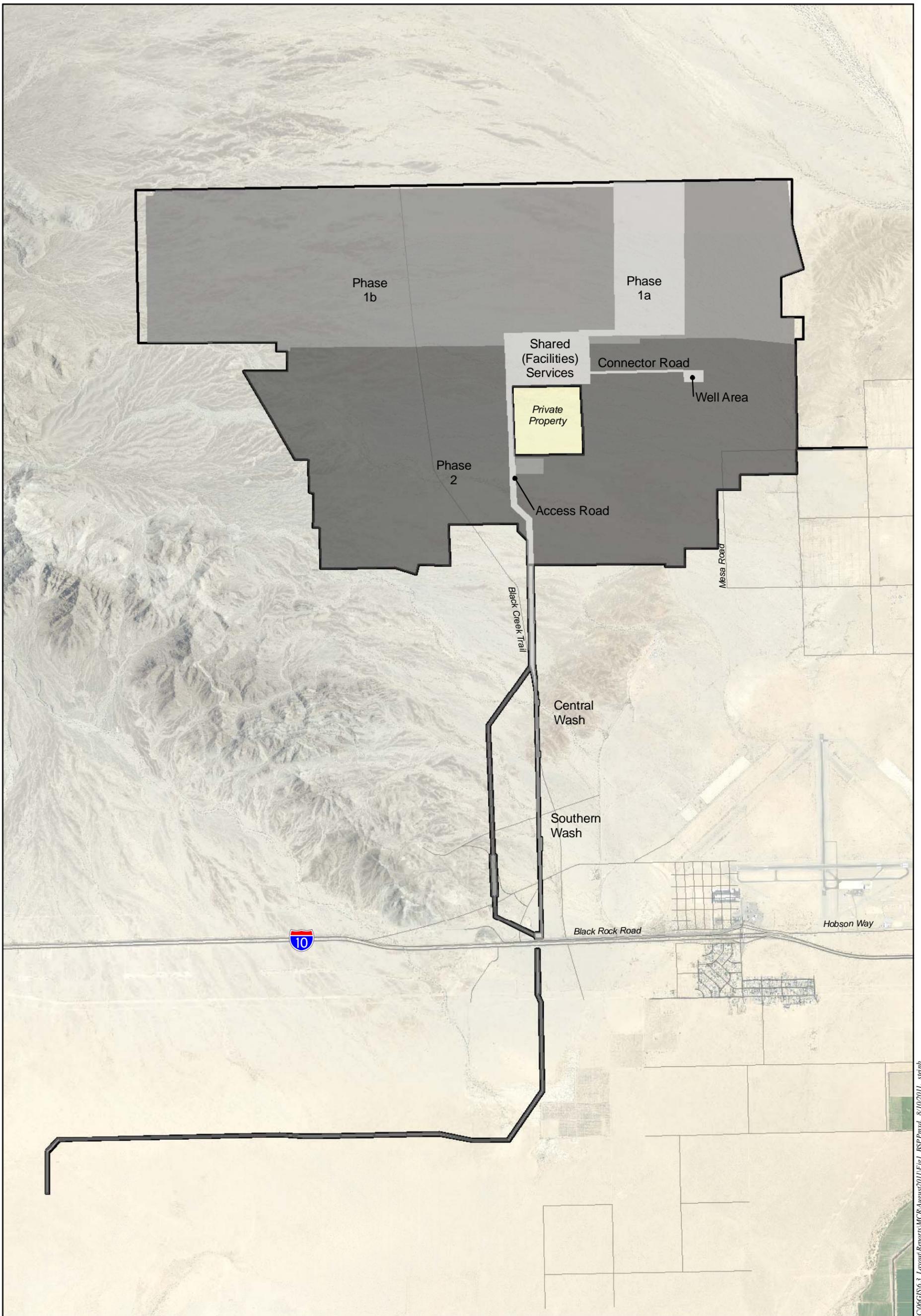
Location	Construction Activity	Survey Type	Start Date	End Date	Monitor	Special-Status Species	Observations
Main Access Road	Fence Repairs	Biological Monitoring	29-Aug	29-Aug	Ray Romero (DB)	none	Monsoon rains over weekend damaged fence at south end of Main Access Road. Monitored backhoe filling washed out areas.
			30-Aug	30-Aug		none	Continuing to repair rain-damaged fences and consolidating vegetation in preparation for chipping. All monitors present for activities.
			31-Aug	31-Aug		none	Major fence repairs done; minor backfilling being done today. All monitors present for activities. Removed black-tailed hare carcass (probably coyote predation) found near wash and buried offsite.
Shared Facilities	Clear and Grub	Biological Monitoring	1-Aug	1-Aug	Tina Poole (ADB)	none	Monitored clear and grub.
			2-Aug	2-Aug		none	Monitored clear and grub.
			3-Aug	3-Aug		KF	Monitored clear and grub. No water truck present, but dust levels acceptable. Observed known KF pair in Shared Facilities.
			4-Aug	4-Aug		none	Monitored clear and grub and buffer for known KF. No need to relocate them if not continuing work in Shared Facilities. Found 6 sidewinders; only able to capture and relocate 1 adult and 2 juveniles.
			5-Aug	5-Aug		none	Monitored clear and grub. Located another sidewinder and removed to north of site.
			8-Aug	8-Aug	Ray Romero (DB)	KF	Monitored clear and grub. Checked on KF burrows; new sign present. Buffer staking still in place. Relocated sidewinder to off site.

Location	Construction Activity	Survey Type	Start Date	End Date	Monitor	Special-Status Species	Observations
Shared Facilities	Clear and Grub	Biological Monitoring	9-Aug	9-Aug	Ray Romero (DB)	none	Monitored clear and grub by backhoe. Relocated another sidewinder offsite. Spot checked installation of 2 check dams at culvert J near Kokopelli site.
			10-Aug	11-Aug		none	Monitored clear and grub by backhoe with water tank present to control dust. Cultural, UXO, and BLM monitors also present. Relocated more snakes offsite.
			12-Aug	12-Aug		KF	Monitored clear and grub, including near KF burrow buffer. Backhoe operator knows to stay away from buffer.
			15-Aug	15-Aug		none	Monitored clear and grub. Walked area and saw no roadkill. Cultural, Native American, and UXO monitors also onsite.
			16-Aug	16-Aug		none	Monitored clear and grub by backhoe. New water truck driver being trained. GPS corners in Shared Facilities that will not be cleared/grubbed. Observed known KF at entrance to burrow.
			17-Aug	17-Aug		none	Monitored clear and grub. All monitors present. Matt Tennyson (Cultural Monitor) onsite escorting family around foxholes where their grandfather's dog tags were found.
			18-Aug	18-Aug		none	Monitored backhoe performing clear and grub. Observed known KF pair outside burrow complex.
			19-Aug	19-Aug		none	Monitored backhoe performing clear and grub.
			22-Aug	22-Aug		KF	Monitored backhoe performing clear and grub. Relocated sidewinder to offsite. Observed KF running near known burrow.
			23-Aug	23-Aug		KF	Observed known KF pair resting outside burrow with backhoe working nearby. Relocated sidewinder offsite.

Location	Construction Activity	Survey Type	Start Date	End Date	Monitor	Special-Status Species	Observations
Well Area	Sign Installation	Biological Monitoring	3-Aug	3-Aug	Tina Poole (ADB)	none	Monitored installation of sign in well yard.
	None		4-Aug	4-Aug		none	Found active rattlesnake burrow outside well yard near fueling tank. Flagged it and notified crew.
			5-Aug	5-Aug		none	Checked snake burrow and removed 2 sidewinders north of site for crews' safety.
ESAs - Botany 1-3 - Toad 1 & 2	None	ESA & Weed Monitoring	25-Aug	25-Aug	Scott McMillan (Designated Botanist)	none	Weed populations in ESAs below reporting threshold. Saharan mustard observed around some areas of Main Access Road.
PHASE 1B - UNIT 2							
ESAs - Botany 4-9	ESA Fencing	Biological Monitoring	29-Aug	29-Aug	Ray Romero (DB)	none	Kiewit removing fencing around ESAs in Phase 1b.

ATTACHMENT 1

FIGURES

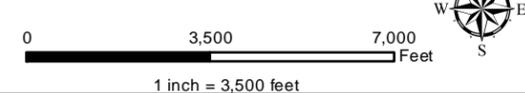


Legend

Project Disturbance Area

Phase

- 1a
- 1b
- 2



Blythe Solar Power Project

Figure 1
Monthly Compliance
Biological Resources
Report - August




Date: September 2011

Source: NAIP 2009; Riverside County 2010; AECOM 2011

ATTACHMENT 2

**SPECIES OBSERVED DURING AUGUST
MONITORING**

**WILDLIFE SPECIES DETECTED DURING
BIOLOGICAL COMPLIANCE CLEARANCE SURVEYS AND MONITORING
BSPP
August 2011**

Scientific Name	Common Name
INVERTEBRATES	
<i>Hadrurus arizonensis</i>	desert hairy scorpion
Order <i>Odonata</i> , Infraorder <i>Anisoptera</i>	dragonfly
<i>Pogonomyrmex barbatus</i>	harvester ants
Genus <i>Pepsis</i>	tarantula hawk wasp
AMPHIBIANS – None observed	
REPTILES	
<i>Cnemidophorus tigris</i>	western whiptail lizard
<i>Crotalus cerastes</i>	sidewinder rattlesnake
<i>Dipsosaurus dorsalis</i>	desert iguana
<i>Gambelia wislizenii</i>	long-nosed leopard lizard
<i>Masticophis flagellum</i>	coachwhip snake
<i>Phrynosoma platyrhinos</i>	desert horned lizard
<i>Pituophis catenifer</i>	gopher snake
<i>Uta stansburiana</i>	side-blotched lizard
BIRDS	
<i>Callipepla gambelii</i>	Gambel's quail
<i>Cathartes aura</i>	turkey vulture
<i>Chordeiles acutipennis</i>	lesser nighthawk
<i>Columba livia</i>	rock dove
<i>Corvus corax</i>	common raven
<i>Geococcyx californianus</i>	roadrunner
<i>Icterus cucullatus</i>	hooded oriole
<i>Lanus ludovicianus</i> ¹	loggerhead shrike ¹
<i>Piranga ludoviciana</i>	western tanager
<i>Zenaida asiatica</i>	white-winged dove
<i>Zenaida macroura</i>	mourning dove
MAMMALS	
<i>Dipodomys deserti</i>	desert kangaroo rat
<i>Myotis sp.</i>	mouse-eared bat
<i>Lepus californica</i>	black-tailed jackrabbit
<i>Neotoma lepida</i>	desert wood rat
<i>Sylvilagus audubonii</i>	desert cottontail
<i>Spermophilus tereticaudus</i>	round-tailed ground squirrel
<i>Vulpes macrotis arsipus</i>	desert kit fox

¹ State species of special concern

ATTACHMENT 3

PHOTOS



Looking north in Shared Facilities at during clearing and grubbing activities 08/01/2011



Dust control in Shared Facilities during clear and grub 08/01/2011



Looking west at a Hooded oriole in Shared Facilities 08/01/2011



Sidewinder rattlesnake released north of site 08/02/2011



Clear and grub with dust control, looking southwest in Shared Facilities 08/03/2011



Looking north in Shared Facilities at clear and grub 08/03/2011



Known and avoided kit fox burrow in Shared Facilities 08/03/2011



Looking northwest at sign installation at main entrance to project site. 08/03/2011



Tire repair on backhoe in Shared Facilities 08/05/2011



Close-up of loggerhead shrike in well yard 08/03/2011



Baby sidewinder removed from Shared Facilities to be released outside of site 08/04/2011



Three adult sidewinders being released north of site 08/05/2011

Date & Time: Thu Aug 25 12:08:15 PDT 2011
Position: 11 N 708215 3726346
Altitude: 476ft
Azimuth/Bearing: 314° N46W 5582mils (True)
Elevation Angle: +03.6°
Horizon Angle: +01.6°
Zoom: 1X
Photo1. Taken by Ray Romero. Looking N at skid loader consolidating vegetation in prep for chipping.



Looking north on main road at the consolidation of cleared vegetation in preparation for chipping 08/25/2011

Date & Time: Tue Aug 30 11:54:59 PDT 2011
Position: 11 N 708121 3727237
Altitude: 492ft
Azimuth: -076° -1351mils
Elevation Angle: +63.4°
Horizon Angle: +42.0°
Zoom: 1X
Photo 1. Taken by Ray Romero. Looking E at skid loader and water truck consolidating vegetation along Main Road.



Looking east along main road at vegetation consolidation. Water truck standing by to control dust. 08/30/2011

ATTACHMENT 4

DAILY BIOLOGICAL MONITORING LOGS

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	TINA POOLE		Date:	1 AUG 2011	
Starting Location and Activity:	SHARED SERVICES CLEAR / GRUB		Site Code:	Blythe	
Weather:	CLEAR, HUMID WINDS 1-5mph	Start	Midday	End	
		5:45AM	10:00	1:00 PM	
Rainfall? 7/30/11 weekend	Temp: °F	88°F	100°F	103°F	
<input checked="" type="radio"/> Y <input type="radio"/> N	% Cloud Cover:	20%	15%	15%	

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Brought up in morning mtg.
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/boreds) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	well kept AM/PM
L) Road kill removed, note species/location	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Repairs being made this week
Q) Cacti salvaged	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None
R) Special status species observed? Describe DLF	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None KNOWN PAR IN SHARED SERVICES
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Drove fence line - intact

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Tina S. Poole

Daily Biological Monitoring Log -- Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	TINA POOLE		Date:	2 AUG 2011	
Starting Location and Activity:	SHARED SERVICES CLEAR + GRUB		Site Code:	Blythe	
Weather:	SUNNY, HUMID CALM	Start 06:00AM	Midday 10:00	End 1:00 PM	
Rainfall?	Temp: °F	89	99	111	
<input checked="" type="radio"/> N	% Cloud Cover:	15	<5	15	

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
E) Night lighting avoids wildlife habitat	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	well yard AM, PM - OK
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Fee
R) Special status species observed? Describe DLF	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	North of well yard along access road - Erick Espinoza
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Tina S. Poole

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
2 Ravens	Walking about near	Well yard
Loggerhead Shrikes	Foraging	Well yard, shared services
Side-winder	Blatant Disturbed	Shared services
Side-winder	Coiled-basking	East DTF line of 1B - survey
Desert Iguanas	Foraging	SS
Leopard Lizard	Foraging	"
Side blotched	Foraging	"
Round tails	Disturbed by C46	"
K-Rats	"	"
Horned Lizard	"	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
0500	8	5	Meeting at Kiewit office, stretch-a-fax, POP, Snakes - Continue DTF survey staking of eastside of 1B. - Continue UKO clearance - N/W Phase 1B. - Continue Clear/grub in shared services.	1
0536	3	6	Clearance/monitoring of Gear n Grub in SS.	1
0650	3	6	Side winder uncovered, captured, released offsite	1
0815	1	7	Sidewinder captured, released off site. (for survey crew.)	
0930	3	6	Monitoring of Clear/grub continued in SS.	1
1300	3	2	Crews departed site. ~ 2.98 acres cleared in shared services.	1
1400	8	5	Mtg at Kiewit office - 3 week look ahead. - Not a whole lot of information. - Planning to continue clear/grub SS, - Reduction in field crews to come - Complete DT fence staking this week. - Possible clear/grub in 1A ? - Culverts along main access ?	1

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) *Mtg*

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other *KIEWIT OFFICE*
- 6. Other *SHARED SERVICES*
- 7. Other *East of 1B*
- 8. Other *DTF STAKING*

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

Jana S Pool

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	JTNA POOLE			Date:	3 AUG 2011		
Starting Location and Activity:	SHARED SERVICES CLEAR/GRUB			Site Code:	Blythe		
Weather:	CLEAR, SUNNY CALM	Start 6:00 AM	Midday 10:00	End 1:00 PM			
Rainfall?	Temp: °F	87	100	108			
<u>Y</u> <u>N</u>	% Cloud Cover:	<5	<5	<5			

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
E) Night lighting avoids wildlife habitat	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	well yard AM/PM - OK
L) Road kill removed, note species/location SIDEWINDER	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	MESA DRIVE ACCESS ED @ 5:30
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Permit
R) Special status species observed? Describe DKF	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Known pair in Shared Services
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Jana S. Poole

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
SIDEWINDER	DEAD - removed	MESA DRIVE ACCESS RD.
LOGGERHEAD STRIKES	FLIGHT	SS, MAIN PLANT RD.
QUAIL	FORAGING	MAIN PLANT ROAD
COACHWHIP	HUNTING, CROSSING RD.	MAIN PLANT ROAD
WESTERN TAVANER	PERCHED	SS

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
0500	8	5	Meeting Kiewit Office, stretch n-flex, <u>POD</u> , Snakes - Continue clear/grub shared services - UXO clearance complete today in N/W of Phase B - Continue staking of DTF in Phase B - Install Project placards/signs south MPR + well yard.	1
0530	3	3	Removed freshly killed sidewinder on Mesa Dr. Access	1
0605	3	B	Observed known DKF in Shared Services, determining clear/grub limits as activities approach in next few days.	1
0630	3	6	Clearance/monitoring of clear/grub in SS. No water truck present - cannot contact contractor. Dust emissions ^{acceptable} permissible.	1
0730	9	7	Monitored sign install south of MPR.	1
0905	-	-	Observed and caught >4.5' long Coachwhip - on M.P road. Released off-site (over fence)	-
1000	3, 9	2, 6	Monitoring clear/grub in SS, second sign install in well yard. ^{water truck} present by 9am - over slept	1
1300	3	2	Crews departed. Completing 2.6 acres in SS.	1

Activity (ACT)¹

- 1 DT Fencing
- 2 Access/egress
- 3 Clear/grub
- 4 Grading
- 5 Excavation
- 6 UXO Activities
- 7 SWPPP
- 8 Other (specify)
- 9. signage

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other KIEWIT OFFICE
- 6. Other SHARED SERVICES
- 7. Other MAIN PLANT RD.

Compliance Levels (CL)³

- 1. Acceptable
- 2. Nonification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature:

Luci S. Pille

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	TINA POOLE		Date:	4 AUG 2011	
Starting Location and Activity:	SHARED SERVICES CLEAR & GRUB		Site Code:	Blythe	
Weather:	CLEAR, CALM	Start	Midday	End	
		6:00AM	10:00	1:00PM	
Rainfall?	Temp: °F	82	98	107	
Y <input checked="" type="radio"/> N <input type="radio"/>	% Cloud Cover:	Ø	Ø	Ø	

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section

Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	LOCATING 2 ADULT and 4 JUVENILE SIDEWINDERS. CAPTURED 1 ADULT 2 JUV
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
E) Night lighting avoids wildlife habitat	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	—
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	—
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None - only survey crew
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	water tank - AM, PM
L) Road kill removed, note species/location	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	—
R) Special status species observed? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Tina S. Poole

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
(6) SIDEWINDERS (CROTALUS CERASTES)	BASKING	BURROW IN SS
- 2 adults	"	
- 4 juveniles	"	
(1) COACHWHIP (MASTICOPIUS FLAVELLUM)	CROSSING E/WCONNECTOR	WELL YARD
Roundtail squirrels	FLEEING	SS
K-RATS	"	"
WHIPTAILS	FORAGING	"
DESERT IGUANAS	FORAGING	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
0500		7	MEETING AT KIEWIT OFFICE, STETCH-N-FLEX, POD	1
0540	8	5	1 CREW COMPLETING PHASE 1B DTF SURVEY STAKING	
"	3	6	1 CREW (BACKHOE, WATER) IN SS FOR CLEAR/GRUB	
"	2	2	1 CREW MAINTENANCE	
0630	3	6	CLEAR + GRUB IN SS, LOCATING 6 SIDEWINDERS	1
0810	3	6	(2 ADULT + 4 JUVENILES). ONLY ABLE TO CAPTURE 1 ADULT AND 2 JUVENILES, RELEASED OFF SITE TO NE.	1
0828	3	2	WATER TRUCK DRIVER OBSERVED LONG RED SNAKE IN WELL YARD, COULD NOT FIND - MOST LIKELY A COACHWHIP. FOUND ACTIVE RATTLESNAKE BURROW OUTSIDE WELL YARD.	1
0854	9	2	HEAR FUELING TANK. FLAGGED - CREW NOTIFIED. ERICK ESPINOSA INFORMED OF TRASH ACCUMULATING OUTSIDE WELL YARD FROM SECURITY GUARDS.	1
1030 1200	3	6	MONITORING OF CLEAR + GRUB IN SS AND DETERMINING BUFFER FOR DKF'S. NO NEED TO RELOCATE IF NOT WORKING IN SHARED SERVICES FOR NOW 225' BUFFER.	1

1230 - Departed

- Activity (ACT)¹
- 1. DT Fencing
 - 2. Access/egress
 - 3. Clear/grub
 - 4. Grading
 - 5. Excavation
 - 6. LXO Activities
 - 7. SWPPP
 - 8. Other (specify)
 - 9. MAINTENANCE

- Location (LOC)²
- 1. DT Fence
 - 2. Well Site
 - 3. Access Road
 - 4. Drainage Crossings
 - 5. Other PHASE 1B
 - 6. Other SHARED SERVICES
 - 7. Other OFFICE

- Compliance Levels (CL)³
- 1. Acceptable
 - 2. Notification
 - 3. Non-compliance
 - 4. Non-compliance Resolution

Signature:

June S. Piroo

Daily Biological Monitoring Log -- Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	TINA POOLE		Date:	5 AUG 2011	
Starting Location and Activity:	SHARED SERVICES CLEAR & GRUB		Site Code:	Blythe	
Weather:	SUNNY, CLEAR WIND 1-2 mph	Start	Midday	End	
		6:00AM	10:00	12:30PM	
Rainfall?	Temp: 78 F	78	18	105	
<input checked="" type="radio"/> N	% Cloud Cover:	0	0	0	

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

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 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Locating 3 skylights by 0710 - remove.
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
E) Night lighting avoids wildlife habitat	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status (ramps/covered/capped @ end of day)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
I) Construction outside of DT exclusion fence with AB/BM present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Water tank in AM -
L) Road kill removed, note species/location	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	None
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Permit
R) Special status species observed? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	None
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Tina S. Poole

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
SIDEWINDER	COILED - SUNNING	NEAR FUEL TANK, OUTSIDE FENCE
SIDEWINDER	"	"
SIDEWINDER	"	SHARED SERVICES

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
0500	5	8	MORNING MTG AT KIEWIT OFFICE, STRETCH UPLEX, POD'S - ONLY CLEAR N GRUB IN SHARED SERVICES - HOUSEKEEPING IN WELLYARD	1
0600	3	2	RECHECK OF AREA NEAR FUELING DEPOT, LOCATING 2 SIDEWINDERS, REMOVED FOR CREWS SAFETY	1
0630	3	6	BEGAN CLEARANCE/MONITORING OF SHARED SERVICES. LOCATING ANOTHER SIDEWINDER - REMOVED.	1
0710	3	6	REMOVED.	1
0800	-	-	ALL THREE SNAKES DELOCATED NORTH OF SITE.	
0900	3	6	CLEAR N GRUB DELAYED - NEEDING ^{BEAR} TIRES REPLACED. BACKHOE PLACED ON PLASTIC AND REPAIRS MADE IN SHARED SERVICES.	1
1100	3	3	SUGGESTED WATER ON MPR NEAR OLD DT GATED AREA, VERY POWDERY - DUST HIGH.	1
1230	9	6, 2	REPAIRS COMPLETE, CREWS DEPARTING SITE.	1
			ONLY 0.87 ACRES OF CLEAR/GRUB FINISHED IN SHARED SERVICES	

- | | | | | |
|-----------------------------------|--------------------|-----------------------------------|----------|---|
| <u>Activity (ACT)¹</u> | | <u>Location (LOC)²</u> | | <u>Compliance Levels (CL)³</u> |
| 1. DT Fencing | 5. Excavation | 1. DT Fence | 5. Other | 1. Acceptable |
| 2. Access/Egress | 6. UXO Activities | 2. Well Sue | 6. Other | 2. Notification |
| 3. Clear/grub | 7. SWPPP | 3. Access Road | 7. Other | 3. Non-compliance |
| 4. Grading | 8. Other (specify) | 4. Drainage Crossings | | 4. Non-compliance Resolution |
| | 9. TIRES | | | |

Signature: Lina S. Podes

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>Ray Romero</i>	Date:	<i>8/9/11</i>		
Starting Location and Activity:	<i>Shared Services</i>	Site Code:	<i>Blythe</i>		
Weather:	<i>clear, sunny, hot</i>	Start	<i>5:00 AM</i>	Midday	<i>1:00 PM</i>
Rainfall?	Temp:	<i>85</i>	<i>101</i>	<i>107</i>	
Y (N)	% Cloud Cover:	<i>15</i>	<i>20</i>	<i>20</i>	

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

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 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bore) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>none seen</i>
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>no spills</i>
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:



SM Phase 1A BM Form with Photo Log Blythe final 011111

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>[Signature]</i>	Date:	8/12/11	
Starting Location and Activity:	Sound Services	Site Code:	Blythe	
Weather:	Sunny hot, no wind	Start	5:00 AM	End 13:00 PM
Rainfall?	Temp:	83	99	106
	% Cloud Cover:	10	15	15

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKimmon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	none seen
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	no spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

[Signature]

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
Mountain dog	lying	E. access rd
Loganhead snake	lying	signed services
side winder	unharmed	"
ants	moving	"
desert kit fox	burrows tracks	"
western whiptail lizard	running	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
450	8	5	Mtg - safety, plan for day, stretch flex. plan to continue clear/grub of SS. Also, install to check dams @ Culvert J.	1
700	3	6	Monitoring clear/grub in SS. Continued use of backpack.	
830	3	6	Relocate side winder offsite. Snake was unharmed.	
1130	3	6	Spot check work being performed during installation of 2 check dams @ Culvert J near Kestopelli.	
1300	3	6	Work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) water

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other
- 6. Other new office
- 7. Other signed services

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

[Handwritten Signature] 8/10/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>[Signature]</i>	Date:	8/11/11	
Starting Location and Activity:	Shard Services	Site Code:	Blythe	
Weather:	clear sunny hot, slight wind	Start	5:00 AM	Midday 10:00
				End 1:00 PM
Rainfall?	Temp:	80	94	99
Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	% Cloud Cover:	0	0	0

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

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 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKimmon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	none noted
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	no spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature: *[Signature]*
 SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
Logger head snake	flung	shared fence
horned larks	flung	2 accessives
quits	insects	shared fence
fox	burrow tracks	il
gopher snake	in den	il
side winder	unidentified	il

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
4:50	8	5	mtg - safety, pay of day, stretch/fox. Plan to continue clear/grub in SS. fence repairs made by laborers. Plan to complete SS clearing by end of this wk and start chipping next wk.	1
6:00	3	6	Monitoring backhoe & water tank performing clear/grub & dust control services in SS. Arch, UXO & BLM monitors also present.	
7:30	3	6	Relocate snakes.	
10:20	3	6	Coord w/ Krewt on work activities.	
11:10	3	6	Coord w/ Dan on monitoring activities.	
1:30	3	6	work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) mtg

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other Krewt office
- 6. Other shared species
- 7. Other

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

[Handwritten signatures]

Daily Biological Monitoring Log - Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero		Date:	8/12/11	
Starting Location and Activity:	Shared Services		Site Code:	Blythe	
Weather:	Clear sunny, not slight breeze	Start	Midday	End	
		5:00 AM	10:00	1:00 PM	
Rainfall?	Temp:	82	97	102	
Y (N)	% Cloud Cover:	10	15	15	

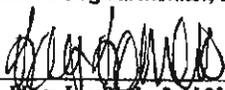
ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NONE SEEN
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NO SPILLS
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Kitt fox @ burrow entrance
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	designated biologist to address
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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Signature:



SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
Woodrat	flying/calling	Wounded
Desert Iguana	running along fence	Wounded - relocated
Manzanita Woodrat	running	Shared Services
Cockatiel	along fence	Main Rd - relocated
Scrub Wren	walking	Shared Services
Desert Fox	running to burrow	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
450	8	5	Mtg - Krewt office for safety, plan, stretch flex. Plan to continue clear/grub in SS. Misc. fence repair by laborers.	1
700	3	6	Monitoring clear/grub in SS w/ backhoe.	
900	7	7	Collecting coords w/ GPS of all asphalt check dams. Plan to update figure - some taken away & others added.	
1000	7	7	Relocate cockatiel & desert iguana from Wounded. Found along exclosure w/ silt fencing.	
1130	3	6	Back to monitoring clear/grub in SS. Backhoe approaching area near active pet fox burrows. Area is well staked & operator knows to stay out of area.	
1350	3	6	Work completed, depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) mtg

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other
- 6. Other
- 7. Other

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature:

[Handwritten Signature] 2/12/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880
California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero	Date:	8/15/11
Starting Location and Activity:	Shared Services	Site Code:	Blythe
Weather:	Clear, sunny, hot, no wind	Start	Midday
		5:00 AM	10:00
			End
			1:00 PM
Rainfall?	Temp:	84	98
			105
Y (N)	% Cloud Cover:	0	0
			0

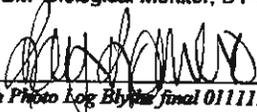
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For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NO SEEN
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NO SPILLS
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Botanist informed
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:



SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
road runner	running	E access rd.
desert iguana (4)	running	Main Rd along fence (relocated)
round-tailed ground squirrel	running	Main Rd
ants	running	signed services
woodpecker	running	well rd
desert kit fox	running/tracks	signed services
bandicoot rat	running	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
450	8	5	Mtg - safety, plan, stretch/Flx. continue clear & grub in SS. Labiners doing miss. silt fence patches.	1
630	3	6	Monitoring clear/grub in SS. Walking area & did not observe road kill.	
1020	1	7	Drive Main Rd looking for reptiles among fence line. Observed 4 desert iguanas along fence line w/ silt fence. Relocated outside ROW. Also inspected fence without silt fence. Noticed a few places w/ soil erosion. Spoke to Kevin about bringing areas back to grade.	
1200	3	6	Back to monitoring clear/grub in SS. All monitors are onsite - Arch, NA, UXO & myself (Bid).	
1300	3	6	Work completed for day. Depart site	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) MIA

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other
- 6. Other
- 7. Other

Kevin office
signed services
Main Rd

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

[Handwritten Signature] 8/15/11

Biological Monitor:	Ray Brown	Date:	2/15/11
Starting Location and Activity:	Shrimp Services	Site Code:	Blythe
Weather:	clear sunny, hot, no wind	Start	5:00 AM
		Midday	10:00
		End	1:00 PM
Rainfall?	Temp:	84	98
Y <input checked="" type="radio"/> N <input type="radio"/>	% Cloud Cover:	0	0

Environmentally Sensitive Area (ESA) Monitoring Section

ESA Number(s)		
Condition	Compliance?	Comments
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Any sensitive species observed inside fencing? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Any sensitive species observed immediately outside fencing? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Panned DT)

Species, Location, and ID:		
Condition	Compliance?	Comments
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass or encroachment of disturbance activities? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Any sensitive species observed immediately outside fencing? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Is adaptive management needed? Recommendations.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Raven Monitoring: Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water)

Raven Monitoring Data					
Number of Ravens Observed	Time	Location	Activity (flying; ground; perching and type of perch).	Nest Sites (Location; occupied; unoccupied)	If Unoccupied, was it removed?
0	throughout day	Phase 1A	N/A	0	N/A

Signature: Ray Brown

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero	Date:	2/16/11
Starting Location and Activity:	Shared Services	Site Code:	Blythe
Weather:	Clear, sunny, hot, slight breeze	Start	5:00 AM
		Midday	10:00
		End	1:00 PM
Rainfall?	Temp:	85	96
Y (N)	% Cloud Cover:	0	0

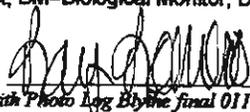
ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Some water @ join tank. Had Kiewit address
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	None seen.
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	No spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Kitt fox @ burrow
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Botanist will address
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:



SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
Mourning dove	flying	E access rd
roadrunners (3)	running	"
desert kit fox	shared services Attenuation	shared services
quail	foraging	"
goshawk	flying	"
horned lizard	running	" -relocated
turkey vultures	flying	"
western whiptail lizard	running	"

Notes/Comments Section				
Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.				
Time	ACT ¹	LOC ²	Notes/Comments	CL ³
450	8	5	Mtg - safety plan for day, stretch/flx. Continue clear/grub in SS. Backfill around small areas of exclosure along Main Rd.	1
630	3	6	Monitoring clear/grub w/ machine in SS. Monitors all present. New tire take down - tracked. GPS corners in SS that will not be cleared/ grubbed.	
815			Noted kit fox at entrance to borrow. Coord w/ Kewit on work activities. Checked on crew back filling by hand along Main Rd.	
1300	3	6	Work completed for day. Depart site.	

- | | | | | |
|-----------------------------------|------------------------------|-----------------------------------|---------------------------------|---|
| Activity (ACT)¹ | | Location (LOC)² | | Compliance Levels (CL)³ |
| 1. DT Fencing | 5. Excavation | 1. DT Fence | 5. Other <i>Kewit office</i> | 1. Acceptable |
| 2. Access/egress | 6. UXO Activities | 2. Well Site | 6. Other <i>shared services</i> | 2. Notification |
| 3. Clear/grub | 7. SWPPP | 3. Access Road | 7. Other | 3. Non-compliance |
| 4. Grading | 8. Other (specify) <i>NA</i> | 4. Drainage Crossings | | 4. Non-compliance Resolution |

Signature: _____

[Handwritten Signature] 8/16/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>Ray Romero</i>	Date:	<i>2/17/11</i>	
Starting Location and Activity:	<i>Shared Services</i>	Site Code:	<i>Blythe</i>	
Weather:	<i>cloudy, hot, NO WIND</i>	Start	<i>5:00 AM</i>	Midday <i>10:00</i>
Rainfall?	Temp:	<i>85</i>	<i>100</i>	End <i>1:00 PM</i>
Y (N)	% Cloud Cover:	<i>70 @ 630</i>	<i>20</i>	<i>10</i>

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

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 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<i>2 K-rats</i>
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>NO spills</i>
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>Botanist informed</i>
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature: _____

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
Immature rats	dead	SS
Sage Grouse	running	marked
Horned lizard	hopping	SS - relocated
Turkey Vultures	flying	SS
quits	marking	SS
chickadees	flying	SS
coyote tracks	burrows/tracks	SS

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
450	8	5	Mtg - safety, plan, stretch/flex. Continue C&G in SS with backhoe and site fence repairs/patches.	1
630	3	6	Monitoring C&G c SS. All monitors are present.	}
700	3	6	Provide Matt w/ my GPS unit. Plan to take coords from unit to update check dam figure. Matt escorting family around foxholes where there grand father's dog tags were found.	
830	3	6	Coord w/ Morgan & Amanda on work activities.	
1030	3	6	Continue monitoring C&G in SS. Relocate horned lizard off site.	
1300	3	6	Work completed for day. Report site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) *mtg*

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other *Wright office*
- 6. Other *Shorelines*
- 7. Other

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: *[Handwritten Signature]*

8/17/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>Ray Romero</i>	Date:	<i>8/12/11</i>		
Starting Location and Activity:	<i>Shared Services</i>	Site Code:	<i>Blythe</i>		
Weather:	<i>Sunny, hot, no wind</i>	Start	<i>5:00AM</i>	Midday	<i>10:00</i>
				End	<i>1:00PM</i>
Rainfall?	Temp:	<i>86</i>	<i>106</i>	<i>108</i>	
Y (N)	% Cloud Cover:	<i>5</i>	<i>2</i>	<i>2</i>	

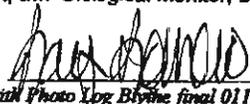
ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

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General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>none seen</i>
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>no spills</i>
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<i>Desert kit fox (2)</i>
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>Botanist informed</i>
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:



SM Phase 1A BM Form with Photo Log Blythe final 011111

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero	Date:	2/19/11
Starting Location and Activity:	Spur Services	Site Code:	Blythe
Weather:	Sunny, hot, no wind	Start	5:00 AM
		Midday	10:00
		End	1:00 PM
Rainfall?	Temp:	86	101
Y (N)	% Cloud Cover:	5	5

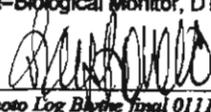
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General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	no roadkill seen
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	no spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Botanist informed
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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Signature:



SM Phase 1A BM Form with Photo Log Blythe final 011111

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>Ray Romero</i>	Date:	<i>2/22/11</i>	
Starting Location and Activity:	<i>Shared Services</i>	Site Code:	<i>Blythe</i>	
Weather:	<i>Clear sunny, not no wind</i>	Start	<i>5:30 AM</i>	Midday <i>11:00</i>
				End <i>1:30 PM</i>
Rainfall?	Temp:	<i>82</i>	<i>103</i>	<i>110</i>
Y (N)	% Cloud Cover:	<i>0</i>	<i>0</i>	<i>0</i>

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General Monitoring Section		
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C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>none observed</i>
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>no spills</i>
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<i>Desert Tortoise @ burrow</i>
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>burrows addressing</i>
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Ray Romero

Std Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
white winged dove	flying	High Rock Rd.
desert quail	running	Shore Services
gambel quail	running	"
sm. mammal	burrows	"
side winder	unearthed	" - relocated
round tailed ground squirrel	running	"
desert quail	"	"
cooper hawk strike	flying	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
530	8	5	mtg - safety plan, stretch/flex plan to continue clear/grub in SS. Labors will work on site for maintenance	1
800	3	6	monitoring clear/grub in SS w/ backhoe. Coord w/ monitors in field.	}
1030	3	6	Coord w/ kept on work activities.	
1220	3	6	Relocate side winder snake from Shore Services.	
1310	3	6	Work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) *mtg*

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other *High Rock Rd.*
- 6. Other *Shore Services*
- 7. Other

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

[Handwritten Signature] 8/22/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>Ray Romero</i>	Date:	<i>8/23/11</i>		
Starting Location and Activity:	<i>Shoreland Serpents</i>	Site Code:	<i>Blythe</i>		
Weather:	<i>Clear sunny hot no wind</i>	Start	<i>5:30 AM</i>	Midday	<i>11:00</i>
				End	<i>1:30 PM</i>
Rainfall?	Temp:	<i>84</i>	<i>106</i>	<i>112</i>	
Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	% Cloud Cover:	<i>0</i>	<i>0</i>	<i>0</i>	

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/boros) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>None seen</i>
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>NO spills</i>
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<i>2 desert kit foxes near burrow</i>
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>botanist addressing</i>
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature: *Ray Romero*
 SM Phase 1A BM Form with Photo Log Blythe final 01111

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
Red Wingered Blackbird (2)	running	Black Rock Rd.
530 window	resting	shared services yard
desert quail	unearthed	shared services - relocated
Desert quail	running	main rd.
sim mandal	thinner	shared services
	labours	H

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
530	8	5	ultra-safety plan, stretch/fix. Plan to continue c/c (grub in SS & misc. fence (sift) repairs/maintenance.	1
730	3	6	Observing pair of blackbirds resting outside burrow while clear grub w/ back hoe is taking place nearby.	
800	3	6	Relocate sub window to outside of SS. Animal unearthed during clear grub.	
1110	3	6	Conclude Morgan on work activities.	
1330	3	6	work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) *mta*

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other *shared services*
- 6. Other *shared services*
- 7. Other

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

[Handwritten Signature] 8/23/11

Biological Monitor:	<i>[Handwritten Signature]</i>	Date:	8/23/11	
Starting Location and Activity:	<i>Shaded Services</i>	Site Code:	Blythe	
Weather:	<i>Clear, sunny, hot, no wind</i>	Start	<i>5:30 AM</i>	Midday
				<i>6:00</i>
Rainfall?	Temp:	<i>84</i>	<i>106</i>	End
<i>Y (N)</i>	% Cloud Cover:	<i>0</i>	<i>0</i>	<i>112</i>
				<i>0</i>

Environmentally Sensitive Area (ESA) Monitoring Section

ESA Number(s)		
Condition	Compliance?	Comments
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Any sensitive species observed inside fencing? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Any sensitive species observed immediately outside fencing? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Panned DT)

Species, Location, and ID:		
Condition	Compliance?	Comments
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass or encroachment of disturbance activities? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Any sensitive species observed immediately outside fencing? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Is adaptive management needed? Recommendations.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Raven Monitoring: Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water)

Raven Monitoring Data					
Number of Ravens Observed	Time	Location	Activity (flying; ground; perching and type of perch).	Nest Sites (Location; occupied; unoccupied)	If Unoccupied, was it removed?
0	—	<i>SS&WPR</i>	—	—	—

Signature: *[Handwritten Signature]* 8/23/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero		Date:	8/24/11	
Starting Location and Activity:	Wellhead / Main Rd.		Site Code:	Blythe	
Weather:	Clear sunny not as windy	Start	5:30 AM	Midday	11:00
					End 1:30 PM
Rainfall?	Temp:	86		106	112
Y (N)	% Cloud Cover:	0		0	0

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	None seen
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NO spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Botanist addressing
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Ray Romero

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
greater roadrunner	running	Black Rock Rd
coyote	"	"
gambel's quail	"	"
side blotched lizard	"	slashed services
mourning dove	flying	main rd.

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
530	7	5	mtg - sandy, plan, stretch fls. Plan to bring in "skip loader w/ skeleton bucket" today. Will use machine to separate vegetation from soil & consolidate piles in prep for chipping of veg in Main Rd & Slashed Services.	I
800	3	6	Loader in well yard. Awaiting arrival of skeleton bucket to mount on loader. Coord w/ Fleet on work activities. New BSM mounted on wheel. Andrew that is falling in for Damien. Provided him w/ orientation.	}
1100	3	6	Coord w/ Andrew on work activities. Loader consolidating veg along Main Rd. Started @ southern end and working north along Main Rd. All monitors, etc.	
1330	3	6	Work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) mtg

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other Neut office
- 6. Other main rd
- 7. Other

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature:

[Handwritten Signature] 8/24/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero	Date:	8/25/11		
Starting Location and Activity:	Main Rd	Site Code:	Blythe		
Weather:	clear, sunny, hot, no wind	Start	5:30AM	Midday	1:00
					End 6:30PM
Rainfall?	Temp:	86	108	112	
Y (N)	% Cloud Cover:	0	0	10	

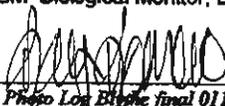
ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	none seen
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	no spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	botanist onsite today
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:



SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species Observed		
Species	Activity (of species)	Location
roadrunner	running	East Block Road
cottontail quail	running	
side blotted lizard	running	Main Rd
mountain quail	running	"
SM mammal	burrows, tracks	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
530	8	5	Mtg - safety plan, stretch/ops plan to consolidate vegetation into large piles in prep for chipping. Using a skip loader with a skeleton bucket to separate vegetation from soil. plants start @ southern end of Main Rd & work north.	1
1030	3	6	Coord w Morgan on work activities.	
1100	3	6	Coord w Scott (Armist) who will be addressing weedy plants along Main Rd.	
1200	3	6	Continue to monitor skip loader consolidating vegetation. Water truck spraying areas to minimize dust. All monitors are present.	
1330	3	6	Work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) mtg

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other
- 6. Other Kiewit office
- 7. Other Wentworth

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

Greg Jones 8/25/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Scott McMillan	Date:	8-25-11	
Starting Location and Activity:	ESA + Weed Monitoring	Site Code:	Blythe	
Weather:		Start	Midday	End
		8 : 30 AM	11 : 50	1 : 15 PM
Rainfall?	Temp:	107°F	114°F	115°F
Y N	% Cloud Cover:	0%	0%	0%

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	No construction
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Self only
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	None observed
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.):	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Some areas around main access road w/ Sahara mustard

Signature:

SM Phase 1A BM Form with Photo Log Blythe final 011111

Biological Monitor:	Scott McMillan	Date:	8-25-11	
Starting Location and Activity:	ESA + Weed Monitor	Site Code:	Blythe	
Weather:		Start	Midday	End
		8:30 AM	11:50	1:15 PM
Rainfall?	Temp:	107°F	114°F	115°F
Y N	% Cloud Cover:	0%	0%	0%

Environmentally Sensitive Area (ESA) Monitoring Section

ESA Number(s)	Condition	Compliance?	Comments
	A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
	B) Any sensitive species observed inside fencing? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
	C) Any sensitive species observed immediately outside fencing? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
	D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
	E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Yes in ESA, but no along main access road.
	F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Panned DT)

Species, Location, and ID: <i>ESA - Botany - 001/002/003</i> <i>ESA - Tond - 001/002</i>			
Condition	Compliance?	Comments	
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass or encroachment of disturbance activities? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
C) Any sensitive species observed immediately outside fencing? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
E) Is adaptive management needed? Recommendations.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

Raven Monitoring: Weekly reconnaissance focusing on potential subsidies (waste disposal areas, erected structures and staged equipment, water)

Raven Monitoring Data					
Number of Ravens Observed	Time	Location	Activity (flying; ground; perching and type of perch).	Nest Sites (Location; occupied; unoccupied)	If Unoccupied, was it removed?

Signature: _____

[Handwritten Signature]

Daily Biological Monitoring Log - Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero		Date:	8/24/11 8/26/11	
Starting Location and Activity:	Main Rd		Site Code:	Blythe	
Weather:	Hot, sunny, no wind	Start	5:30 AM	Midday	11:00
Rainfall?	Temp:	85		107	113
Y (N)	% Cloud Cover:	0		0	0

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	None seen
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	NO spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Botanist addressing
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

SM Phase 1A BM Form with Photo Log Blythe final 01111

Incidental Species Observed		
Species	Activity (of species)	Location
roadrunner	running	East of Black Rock Rd
mourning dove	flying	Main Rd
90m mammal	burrows	"
side-blotched lizard	running	"
turkey vulture	flying	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
530	3	5	mtg- safety plan, stretch/fix. plan to continue, compiling veg & placing in large trash bins, site of loader w/ skeleton bucket to separate veg. from soil.	1
700	3	6	Presumed work areas. Coord w/ Krewt staff.	
900	3	6	Coord w/ CBO on work activities. Loader placing veg within large trash bins to be hauled offsite.	
1330	3	6	work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) *mtg*

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other *Krewt office*
- 6. Other *Main Rd*
- 7. Other

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

[Handwritten Signature]

[Handwritten Signature] 8/26/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	Ray Romero	Date:	8/29/11		
Starting Location and Activity:	Man Rd	Site Code:	Blythe		
Weather:	clear hot, no wind	Start	5:30AM	Midday	11:00
				End	1:30 PM
Rainfall?	Temp:	86	105	110	
Y (N)	% Cloud Cover:	0	0	0	

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

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 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKimmon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	none seen
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	no spills
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	monsoon rain. fence repairs today.
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Botanist addressing monsoon rain. fence repairs today.

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

SM Phase 1A BM Form with Photo Log Blythe final 011111

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
Rock doves	flying	Back Rock Rd.
Road runner	running	"
sim. mammal	burrows	marked
turkey vulture	flying	"
side blotched lizard	running	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
630	2	5	Mtg safety plan, stretch/fix. plan to continue compiling req. in prep for drilling. Labrets will remove ESA fencing in phase 1B.	1
700	3	6	Noticed DT fence damage at S. end of Main Rd. Must of had monsoon rain over weekend. Crew will shift priority to repair fence. Backhoe used to backfill areas.	
0800	3	6	Coord w/monitors on work activities.	
1330	3	6	Work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) anti

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other new office
- 6. Other WBOA Rd.
- 7. Other _____

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature: _____

[Handwritten Signature] 8/29/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>Ray Romero</i>	Date:	<i>8/30/11</i>	
Starting Location and Activity:	<i>Main Rd</i>	Site Code:	<i>Blythe</i>	
Weather:	<i>clear, sunny, hot, no wind</i>	Start	Midday	End
		<i>5:30 AM</i>	<i>11:00</i>	<i>1:30 PM</i>
Rainfall?	Temp:	<i>85</i>	<i>105</i>	<i>110</i>
Y (N)	% Cloud Cover:	<i>3</i>	<i>3</i>	<i>3</i>

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
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 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKimmon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section

Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/boreds) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>none seen</i>
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>no spills</i>
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>contract addressing fence repairs along main rd due to rain fall.</i>

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:

Ray Romero

SM Phase 1A BM Form with Photo Log Blythe Final 011111

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
white winged doves	flying	back road
turkey vulture	"	"
coyotes	running	main rd
sage striped lizard	"	parallel to main rd
western whiptail lizard	"	"
desert iguana	running	"
desert woodrat	hidden	"
SM mammal	burrows	"
desert fox	burrows/tracks	shared services

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
530	7	5	mtg - safety, plan, stretch/fix. Plan to make repairs to DT fence along Main Rd. Fence damaged due to monsoon rain over weekend. Use of backhoe and 2 laborers to make repairs. All monitors are present.	1
815	3	6	Coord w/ Kewit on work activities in field.	
1100	3	6	Work w/ backhoe complete. Switch out for skid steer & continue consolidating vegetation into large piles in prep for chipping.	
1330	3	6	Work completed for day. Depart site.	

- | | | | | |
|-----------------------------------|-------------------------------|-----------------------------------|------------------------------|---|
| Activity (ACT)¹ | | Location (LOC)² | | Compliance Levels (CL)³ |
| 1. DT Fencing | 5. Excavation | 1. DT Fence | 5. Other <u>Kewit office</u> | 1. Acceptable |
| 2. Access/egress | 6. UXO Activities | 2. Well Site | 6. Other <u>Main Rd</u> | 2. Notification |
| 3. Clear/grub | 7. SWPPP | 3. Access Road | 7. Other _____ | 3. Non-compliance |
| 4. Grading | 8. Other (specify) <u>mtg</u> | 4. Drainage Crossings | | 4. Non-compliance Resolution |

Signature: [Handwritten Signature] 8/30/11

Daily Biological Monitoring Log – Blythe Solar Power Project

Solar Millennium BSPP Phase 1A Construction

USFWS Biological Opinion FWS-ERIV-09B0186-10F0880

California Energy Commission Final Conditions of Certification 09-AFC-6

Biological Monitor:	<i>Ray Romero</i>	Date:	<i>8/31/11</i>	
Starting Location and Activity:	<i>Main Rd</i>	Site Code:	<i>Blythe</i>	
Weather:	<i>Clear sunny hot slight breeze</i>	Start	Midday	End
		<i>5:30AM</i>	<i>11:00</i>	<i>1:30PM</i>
Rainfall?	Temp:	<i>86</i>	<i>106</i>	<i>110</i>
Y (N)	% Cloud Cover:	<i>0</i>	<i>0</i>	<i>0</i>

ALL MONITORS WILL NOTIFY A POINT OF CONTACT (POC) UPON ARRIVAL ONSITE

Contact Designated Biologist Ray Romero (AECOM) (714) 567-2786 and Kiewit POC or foreman on arrival
 For health and safety issues, please contact the Health and Safety Director (AECOM) Jennifer Guigliano (619) 764-6882
 For UXO issues, contact Health and Safety Director (above) and UXO Specialist Dan McKinnon (937) 219-5242
 In emergencies, dial 911

General Monitoring Section		
Condition	Compliance?	Comments
A) Site checked for biota prior to construction?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
B) Speed limit 25mph, no off road activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
C) Crew trained on biological minimization measures?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
E) Night lighting avoids wildlife habitat	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
G) Vehicles/equipment checked for DT prior to movement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
H) Wildlife pitfall (trenches/bores) and entrapment (pipes/culverts) areas checked - note check times, start/end of day status [ramps/covered/capped @ end of day]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
I) Construction outside of DT exclusion fence with AB/BM present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
K) No standing water, note check times/locations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
L) Road kill removed, note species/location	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<i>Black-tailed hare - possible coyote predation</i>
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<i>NO spills</i>
N) Trash/food in sealed containers, removed daily	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
O) No pets/firearms/weapons, wildlife not fed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
P) Erosion control (eg. silt fences) present and functioning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Q) Cacti salvaged	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
R) Special status species observed? Describe	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<i>Disturb addressing repairs completed. Minor work still needed</i>

AB=Authorized Biologist, BM=Biological Monitor, DT=Desert Tortoise, COC=California Energy Commission Conditions of Certification

Signature:



SM Phase 1A BM Form with Photo Log (Blythe final 01111)

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT

Incidental Species Observed		
Species	Activity (of species)	Location
black-tailed hare	dead	Main Rd - buried off site
white winged dove	flying	Main Rd
night hawk	"	"
coyote	running	parallel to Main Rd
side blotched lizard	"	"

Notes/Comments Section

Notes/comments are to be captured in chronological order. If follow up is required, please include notes detailing this.

Time	ACT ¹	LOC ²	Notes/Comments	CL ³
530	8	5	Mtg - safety plan, stretch/acc. Plan to continue stockpiling veg along Main Rd in prep for chipping.	1
700	3	6	Noticed dead black-tailed hare within Main Rd near wash. Appeared as prey from coyote attack. Buried carcass outside Main Rd ROW. Coord w/monitors.	
1000	1	6	Labors performing misc. repairs to DT/Silt fence along Main Rd.	
1330	3	6	Work completed for day. Depart site.	

Activity (ACT)¹

- 1. DT Fencing
- 2. Access/egress
- 3. Clear/grub
- 4. Grading
- 5. Excavation
- 6. UXO Activities
- 7. SWPPP
- 8. Other (specify) mtg

Location (LOC)²

- 1. DT Fence
- 2. Well Site
- 3. Access Road
- 4. Drainage Crossings
- 5. Other new office
- 6. Other Main Rd.
- 7. Other _____

Compliance Levels (CL)³

- 1. Acceptable
- 2. Notification
- 3. Non-compliance
- 4. Non-compliance Resolution

Signature:

[Handwritten Signature]

8/31/11



ENVIRONMENTAL CONSULTANTS

Sound Science. Creative Solutions.

Pasadena Office
150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

Mark Luttrell
Program Manager
AECOM
2101 Webster Street, Suite 1900
Oakland, CA 94612

September 9, 2011

RE: PAL-5, Summary of paleontological monitoring and mitigation activities at the Blythe Solar Power Project (BSPP) for the period of August 2011.

Dear Mr. Luttrell,

This letter is to update you on SWCA Environmental Consultants paleontological monitoring and mitigation activities at the BSPP site during the period of August 1 to August 31, 2011. During this period, no activities resulted in trenching or excavations below 5 feet in depth and no work was performed in designated paleontologically sensitive areas requiring paleontological monitoring. In accordance with Conditions of Certification (COCs) PAL-2 and PAL-5, the Lead Paleontological Monitor, Jessica DeBusk, consulted with the construction field manager on scheduled work activities and determined that no work was planned to occur in high sensitivity fossil bearing areas of the site. No significant paleontological resources were discovered and no issues or concerns regarding paleontological resources were identified during this time.

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 style.

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

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 8
Worker Environmental Awareness Training
Sign-In Sheets

Certification of Completion Worker Environmental Awareness Program Blythe Solar Power Project (09-AFC-6)

This is to acknowledge these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP). The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials. Include this completed form in the Monthly Compliance Report.

No.	Employee Name	Title/Company	Signature
1.	SAL ROSS	R and R W.T.	<i>[Signature]</i>
2.			
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

Paleo Trainer: _____ Signature: _____ Date: ___/___/___

Biological Trainer: _____ Signature: _____ Date: ___/___/___

ADMINISTRATOR

ERIC RAMIREZ

[Signature]

8/15/14

Certification of Completion Worker Environmental Awareness Program Blythe Solar Power Project (09-AFC-6)

This is to acknowledge these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP). The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials. Include this completed form in the Monthly Compliance Report.

No.	Employee Name	Title/Company	Signature
1.	Andrew Paden	Monitor / ESK	
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

Paleo Trainer: _____ Signature: _____ Date: ___/___/___

Biological Trainer: _____ Signature: _____ Date: ___/___/___

ADMINISTRATOR

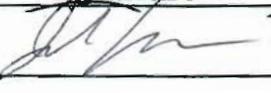
ERIC RAMIREZ



8/23/11

Certification of Completion Worker Environmental Awareness Program Blythe Solar Power Project (09-AFC-6)

This is to acknowledge these individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program (WEAP). The WEAP includes pertinent information on cultural, paleontological, and biological resources for all personnel (that is, construction supervisors, crews, and plant operators) working on site or at related facilities. By signing below, the participant indicates that he/she understands and shall abide by the guidelines set forth in the program materials. Include this completed form in the Monthly Compliance Report.

No.	Employee Name	Title/Company	Signature
1.	John Saylor	Owner/Saylor's Water Trucking	
2.			
3.			
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

Paleo Trainer: _____ Signature: _____ Date: ___/___/___

Biological Trainer: _____ Signature: _____ Date: ___/___/___

ADMINISTRATOR: ERIC RAMIREZ  8/29/11

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 9
SWPPP Inspection Checklists

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 8/4/11

TORTOISE FENCE

- Is the tortoise fence free of holes above or below ground? If holes are present patch or replace fence section.
- Are post firmly embedded and straight? If no re-embed and straighten or brace.
- Are there any signs of burrowing along the fence line? If yes fill in any holes that do not extend below the fence line, if holes do extend below the fence contact the biologist.
- Is there any debris on or along the fence? If yes remove.
- Has the fence been cut? If so splice or replace section.
- Is the fence sagging? If yes straighten or replace section.

SILT FENCE

- Is the fabric bottom buried? If no, dig out soil and bury bottom.
- Is the fabric torn or sagging? If yes, repair or replace.
- Are the posts firmly embedded and straight? If no, re-embed, straighten or brace.
- Is sediment behind the fence deep enough to impair functioning of the fence? If yes, remove excess sediment.
- Are there signs that water is bypassing around the ends of the fence? If yes, extend fence further up embankment.
- Has silt fence been in place for over 8 months? If yes replace.

CONSTRUCTION ENTRANCES

- N/A Is a 3 to 6in aggregate and rumble strips being maintained at construction entrances?
- Is soil being tracked from site to public roads? If yes, a stabilized entrance road section or other soil tracking prevention measure must be implemented.
- Is each entrance/exit properly graded to prevent runoff from leaving construction site?

✓

Are local roads adjacent to the site being inspected daily for sediment accumulation. If sediment does exist sweep or vacuum to remove within 24 hours.

N/A

Are all employees that leave the site with mud caked tires and undercarriages using the wash facility at the site entrance/ exit?

N/A

Are accumulated amount of sediment present in the wash rack or sediment trap? If yes remove all sediment from wash rack.

EROSION CONTROL MEASURES

✓

Are storage piles and disturbed areas that remain inactive for longer than 10 days covered or treated with an appropriate dust suppressant compound in accordance with Conditions of Certification AQ-SC3.1.

✓

Are existing sources of vegetation being preserved where no construction activities are intended to occur?

✓

Are there signs of erosion in existing stabilized areas? If yes, then repairs or additional controls are required.

✓

Are there signs that water is bypassing around the ends of rock ditch checks? If yes, extend ditch check further up embankment.

✓

Will grading or other soil disturbing activities cease for 14 days with no additional activity scheduled up to and after the 21st day? If yes, then stabilization measures such as seeding or mulching must be implemented by the 14th day. If additional soil disturbing activities are to be performed before the 21st day, then no stabilization measures are required; however, measures must be implemented to prevent sediment runoff from the site.

MATERIAL STORAGE

✓

Are construction materials being stored in an area located away from storm drains and inlets? If no construct an enclosure or berm around these areas to prevent storm water contact.

✓

Are stockpiled construction materials that are not actively being used covered and bermed?

RUN-ON AND RUN-OFF CONTROLS

✓

Are water Run-ons from off-site being directed away from all disturbed areas?

WASTE MANAGEMENT MESURES



Are all vehicle maintenance and mobile fueling operations being conducted at least 50 feet away from operational inlets and drainage facilities and on level ground?



Are all wasted disposal containers being covered at the end of every business day or during a rain event?

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**

INSPECTOR: John Upton DATE: 8/4/11

DAYS SINCE LAST RAINFALL: 7/6/11 AMOUNT OF LAST RAINFALL 1.63 INCHES

STABILIZATION MEASURES

LOCATION	ISSUE	DATE OF NEXT FINDING	CORRECTIVE ACTION? (YES/NO)	CORRECTED BY	DATE CORRECTED
None					

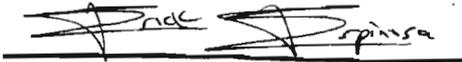
GENERAL NOTES:

TO BE PERFORMED BY: N/A ON OR BEFORE: _____

INSPECTOR: John Upton DATE: 8/4/11 TIME: 11am

COMPLETED BY: Erick Espinosa DATE: 8/4/11 TIME: 3:30pm

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature: 

Name: Erick Espinoza

Title: Environmental Manager

Date: 8/4/11

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 8/8/11

TORTOISE FENCE

- Is the tortoise fence free of holes above or below ground? If holes are present patch or replace fence section.
- Are post firmly embedded and straight? If no re-embed and straighten or brace.
- Are there any signs of burrowing along the fence line? If yes fill in any holes that do not extend below the fence line, if holes do extend below the fence contact the biologist.
- Is there any debris on or along the fence? If yes remove.
- Has the fence been cut? If so splice or replace section.
- Is the fence sagging? If yes straighten or replace section.

SILT FENCE

- Is the fabric bottom buried? If no, dig out soil and bury bottom.
- Is the fabric torn or sagging? If yes, repair or replace.
- Are the posts firmly embedded and straight? If no, re-embed, straighten or brace.
- Is sediment behind the fence deep enough to impair functioning of the fence? If yes, remove excess sediment.
- Are there signs that water is bypassing around the ends of the fence? If yes, extend fence further up embankment.
- Has silt fence been in place for over 8 months? If yes replace.

CONSTRUCTION ENTRANCES

- NA Is a 3 to 6in aggregate and rumble strips being maintained at construction entrances?
- Is soil being tracked from site to public roads? If yes, a stabilized entrance road section or other soil tracking prevention measure must be implemented.
- Is each entrance/exit properly graded to prevent runoff from leaving construction site?

✓

Are local roads adjacent to the site being inspected daily for sediment accumulation. If sediment does exist sweep or vacuum to remove within 24 hours.

NA

Are all employees that leave the site with mud caked tires and undercarriages using the wash facility at the site entrance/ exit?

NA

Are accumulated amount of sediment present in the wash rack or sediment trap? If yes remove all sediment from wash rack.

EROSION CONTROL MEASURES

✓

Are storage piles and disturbed areas that remain inactive for longer than 10 days covered or treated with an appropriate dust suppressant compound in accordance with Conditions of Certification AQ-SC3.1.

✓

Are existing sources of vegetation being preserved where no construction activities are intended to occur?

✓

Are there signs of erosion in existing stabilized areas? If yes, then repairs or additional controls are required.

✓

Are there signs that water is bypassing around the ends of rock ditch checks? If yes, extend ditch check further up embankment.

✓

Will grading or other soil disturbing activities cease for 14 days with no additional activity scheduled up to and after the 21st day? If yes, then stabilization measures such as seeding or mulching must be implemented by the 14th day. If additional soil disturbing activities are to be performed before the 21st day, then no stabilization measures are required; however, measures must be implemented to prevent sediment runoff from the site.

MATERIAL STORAGE

✓

Are construction materials being stored in an area located away from storm drains and inlets? If no construct an enclosure or berm around these areas to prevent storm water contact.

✓

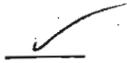
Are stockpiled construction materials that are not actively being used covered and bermed?

RUN-ON AND RUN-OFF CONTROLS

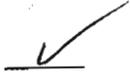
✓

Are water Run-ons from off-site being directed away from all disturbed areas?

WASTE MANAGEMENT MESURES



Are all vehicle maintenance and mobile fueling operations being conducted at least 50 feet away from operational inlets and drainage facilities and on level ground?



Are all wasted disposal containers being covered at the end of every business day or during a rain event?

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**

INSPECTOR: John Upton DATE: 8/7/11

DAYS SINCE LAST RAINFALL: 7/6/11 AMOUNT OF LAST RAINFALL: 1.63 INCHES

STABILIZATION MEASURES

LOCATION	ISSUE	DATE OF NEXT FINDING	CORRECTIVE ACTION? (YES/NO)	CORRECTED BY	DATE CORRECTED
So Side Well yard	Tear in silt Fence		Yes	Jerry Ontiveros	8/8/11

GENERAL NOTES:

TO BE PERFORMED BY: Jerry O. ON OR BEFORE: 8/8/11

INSPECTOR: John Upton DATE: 8/8/11 TIME: 10:30

COMPLETED BY: John Upton DATE: 8/8/11 TIME: 11:30

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature: John Upton

Name: John Upton

Title: Supt

Date: 8/8/11

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 8/18/11

TORTOISE FENCE

- Is the tortoise fence free of holes above or below ground? If holes are present patch or replace fence section.
- Are post firmly embedded and straight? If no re-embed and straighten or brace.
- Are there any signs of burrowing along the fence line? If yes fill in any holes that do not extend below the fence line, if holes do extend below the fence contact the biologist.
- Is there any debris on or along the fence? If yes remove.
- Has the fence been cut? If so splice or replace section.
- Is the fence sagging? If yes straighten or replace section.

SILT FENCE

- Is the fabric bottom buried? If no, dig out soil and bury bottom.
- Is the fabric torn or sagging? If yes, repair or replace.
- Are the posts firmly embedded and straight? If no, re-embed, straighten or brace.
- Is sediment behind the fence deep enough to impair functioning of the fence? If yes, remove excess sediment.
- Are there signs that water is bypassing around the ends of the fence? If yes, extend fence further up embankment.
- Has silt fence been in place for over 8 months? If yes replace.

CONSTRUCTION ENTRANCES

- N/A Is a 3 to 6in aggregate and rumble strips being maintained at construction entrances?
- Is soil being tracked from site to public roads? If yes, a stabilized entrance road section or other soil tracking prevention measure must be implemented.
- Is each entrance/exit properly graded to prevent runoff from leaving construction site?

✓

Are local roads adjacent to the site being inspected daily for sediment accumulation. If sediment does exist sweep or vacuum to remove within 24 hours.

N/A

Are all employees that leave the site with mud caked tires and undercarriages using the wash facility at the site entrance/ exit?

N/A

Are accumulated amount of sediment present in the wash rack or sediment trap? If yes remove all sediment from wash rack.

EROSION CONTROL MEASURES

✓

Are storage piles and disturbed areas that remain inactive for longer than 10 days covered or treated with an appropriate dust suppressant compound in accordance with Conditions of Certification AQ-SC3.1.

✓

Are existing sources of vegetation being preserved where no construction activities are intended to occur?

✓

Are there signs of erosion in existing stabilized areas? If yes, then repairs or additional controls are required.

✓

Are there signs that water is bypassing around the ends of rock ditch checks? If yes, extend ditch check further up embankment.

✓

Will grading or other soil disturbing activities cease for 14 days with no additional activity scheduled up to and after the 21st day? If yes, then stabilization measures such as seeding or mulching must be implemented by the 14th day. If additional soil disturbing activities are to be performed before the 21st day, then no stabilization measures are required; however, measures must be implemented to prevent sediment runoff from the site.

MATERIAL STORAGE

✓

Are construction materials being stored in an area located away from storm drains and inlets? If no construct an enclosure or berm around these areas to prevent storm water contact.

✓

Are stockpiled construction materials that are not actively being used covered and bermed?

RUN-ON AND RUN-OFF CONTROLS

✓

Are water Run-ons from off-site being directed away from all disturbed areas?

WASTE MANAGEMENT MESURES



Are all vehicle maintenance and mobile fueling operations being conducted at least 50 feet away from operational inlets and drainage facilities and on level ground?



Are all wasted disposal containers being covered at the end of every business dav or during a rain event?

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**

INSPECTOR: John Upton DATE: 8/18/11

DAYS SINCE LAST RAINFALL: 7/6/11 AMOUNT OF LAST RAINFALL 1.63 INCHES

STABILIZATION MEASURES

LOCATION	ISSUE	DATE OF NEXT FINDING	CORRECTIVE ACTION? (YES/NO)	CORRECTED BY	DATE CORRECTED
N. of Shared Services	Torn silt Fence		yes	Jerry O.	8/19/11

GENERAL NOTES:

TO BE PERFORMED BY: Jerry O. ON OR BEFORE: 8/19/11

INSPECTOR: John Upton DATE: 8/19/11 TIME: 1:30

COMPLETED BY: Erick Espinosa DATE: 8/19/11 TIME: 2:00

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature: 

Name: Erick Espinosa

Title: Environmental Manager

Date: 8/19/11

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 8/26/11

TORTOISE FENCE

Is the tortoise fence free of holes above or below ground? If holes are present patch or replace fence section.

Are post firmly embedded and straight? If no re-embed and straighten or brace.

Are there any signs of burrowing along the fence line? If yes fill in any holes that do not extend below the fence line, if holes do extend below the fence contact the biologist.

Is there any debris on or along the fence? If yes remove.

Has the fence been cut? If so splice or replace section.

Is the fence sagging? If yes straighten or replace section.

SILT FENCE

Is the fabric bottom buried? If no, dig out soil and bury bottom.

Is the fabric torn or sagging? If yes, repair or replace.

Are the posts firmly embedded and straight? If no, re-embed, straighten or brace.

Is sediment behind the fence deep enough to impair functioning of the fence? If yes, remove excess sediment.

Are there signs that water is bypassing around the ends of the fence? If yes, extend fence further up embankment.

Has silt fence been in place for over 8 months? If yes replace.

CONSTRUCTION ENTRANCES

N/A

Is a 3 to 6in aggregate and rumble strips being maintained at construction entrances?

Is soil being tracked from site to public roads? If yes, a stabilized entrance road section or other soil tracking prevention measure must be implemented.

Is each entrance/exit properly graded to prevent runoff from leaving construction site?

✓

Are local roads adjacent to the site being inspected daily for sediment accumulation. If sediment does exist sweep or vacuum to remove within 24 hours.

N/A

Are all employees that leave the site with mud caked tires and undercarriages using the wash facility at the site entrance/ exit?

N/A

Are accumulated amount of sediment present in the wash rack or sediment trap? If yes remove all sediment from wash rack.

EROSION CONTROL MEASURES

✓

Are storage piles and disturbed areas that remain inactive for longer than 10 days covered or treated with an appropriate dust suppressant compound in accordance with Conditions of Certification AQ-SC3.1.

✓

Are existing sources of vegetation being preserved where no construction activities are intended to occur?

✓

Are there signs of erosion in existing stabilized areas? If yes, then repairs or additional controls are required.

✓

Are there signs that water is bypassing around the ends of rock ditch checks? If yes, extend ditch check further up embankment.

✓

Will grading or other soil disturbing activities cease for 14 days with no additional activity scheduled up to and after the 21st day? If yes, then stabilization measures such as seeding or mulching must be implemented by the 14th day. If additional soil disturbing activities are to be performed before the 21st day, then no stabilization measures are required; however, measures must be implemented to prevent sediment runoff from the site.

MATERIAL STORAGE

✓

Are construction materials being stored in an area located away from storm drains and inlets? If no construct an enclosure or berm around these areas to prevent storm water contact.

✓

Are stockpiled construction materials that are not actively being used covered and bermed?

RUN-ON AND RUN-OFF CONTROLS

✓

Are water Run-ons from off-site being directed away from all disturbed areas?

WASTE MANAGEMENT MESURES

✓

Are all vehicle maintenance and mobile fueling operations being conducted at least 50 feet away from operational inlets and drainage facilities and on level ground?

✓

Are all wasted disposal containers being covered at the end of every business dav or during a rain event?

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

INSPECTOR: John Upton DATE: 8/26/11

DAYS SINCE LAST RAINFALL: 7/6/11 AMOUNT OF LAST RAINFALL 1.63 INCHES

STABILIZATION MEASURES

LOCATION	ISSUE	DATE OF NEXT FINDING	CORRECTIVE ACTION? (YES/NO)	CORRECTED BY	DATE CORRECTED
<u>None</u>					

GENERAL NOTES:

TO BE PERFORMED BY: N/A ON OR BEFORE: _____

INSPECTOR: N/A DATE: _____ TIME: _____

COMPLETED BY: Eric Espinosa DATE: 8/26/11 TIME: 1:30

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature: 

Name: Erick Espinosa

Title: Environmental Manager

Date: 8/26/11

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 8/29/11

TORTOISE FENCE

- Is the tortoise fence free of holes above or below ground? If holes are present patch or replace fence section.
- Are post firmly embedded and straight? If no re-embed and straighten or brace.
- Are there any signs of burrowing along the fence line? If yes fill in any holes that do not extend below the fence line, if holes do extend below the fence contact the biologist.
- Is there any debris on or along the fence? If yes remove.
- Has the fence been cut? If so splice or replace section.
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SILT FENCE

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- Has silt fence been in place for over 8 months? If yes replace.

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- Is each entrance/exit properly graded to prevent runoff from leaving construction site?

✓

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N/A

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N/A

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✓

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MATERIAL STORAGE

✓

Are construction materials being stored in an area located away from storm drains and inlets? If no construct an enclosure or berm around these areas to prevent storm water contact.

✓

Are stockpiled construction materials that are not actively being used covered and bermed?

RUN-ON AND RUN-OFF CONTROLS

✓

Are water Run-ons from off-site being directed away from all disturbed areas?

WASTE MANAGEMENT MESURES



Are all vehicle maintenance and mobile fueling operations being conducted at least 50 feet away from operational inlets and drainage facilities and on level ground?



Are all wasted disposal containers being covered at the end of every business day or during a rain event?

**STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**

INSPECTOR: John Upton DATE: 8/29/11

DAYS SINCE LAST RAINFALL: 8/27/11 AMOUNT OF LAST RAINFALL: .005 INCHES

STABILIZATION MEASURES

LOCATION	ISSUE	DATE OF NEXT FINDING	CORRECTIVE ACTION? (YES/NO)	CORRECTED BY	DATE CORRECTED
MPR (South)	Erosion		Yes	Jerry	8/29/11

GENERAL NOTES:

TO BE PERFORMED BY: Jerry O. ON OR BEFORE: 8/29/11

INSPECTOR: John Upton DATE: 8/29/11 TIME: 1pm

COMPLETED BY: Erick Espinosa DATE: 8/29/11 TIME: 2:30

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature: 

Name: Erick Espinosa

Title: Environmental

Date: 8/29/11

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 10
Daily Water Usage Log

Table 2-1. Daily Water Meter Usage Log



Meter #	Date	Meter Read	Daily Water Use (gal)	Water Use to Date (gal)	Water Use to Date (Acre-Feet)	Kiewit Rep.	Pumping Times and Duration	Pump Running Time (minutes)
Test Well #2	12/8/2010	3,100	0	0	0	Factory Testing		
Test Well #2	12/14/2010	15,300	12,200	12,200	0.04	John Upton		
Test Well #2	12/15/2010	20,200	4,900	17,100	0.05	Erick Espinosa		
Test Well #2	12/20/2010	34,700	14,500	31,600	0.10	Mike Moneymaker		
Test Well #2	12/28/2010	61,900	27,200	58,800	0.18	Mike Moneymaker		
Test Well #2	12/29/2010	78,600	16,700	75,500	0.23	Mike Moneymaker		
Test Well #2	12/30/2010	88,900	10,300	85,800	0.26	Mike Moneymaker		
Test Well #2	1/3/2011	118,400	29,500	115,300	0.35	Mike Moneymaker		
Test Well #2	1/4/2011	137,600	19,200	134,500	0.41	Mike Moneymaker		
Test Well #2	1/5/2011	163,000	25,400	159,900	0.49	Mike Moneymaker		
Test Well #2	1/6/2011	172,000	9,000	168,900	0.52	Mike Moneymaker		
Test Well #2	1/7/2011	180,100	8,100	177,000	0.54	Mike Moneymaker		
Test Well #2	1/10/2011	187,000	6,900	183,900	0.56	Mike Moneymaker		
Test Well #2	1/11/2011	210,000	23,000	206,900	0.63	Mike Moneymaker	7:45am-8:25am, 8:45am-8:55am, 11:10am-11:20am	40, 10, 10
Test Well #2	1/12/2011	275,700	65,700	272,600	0.84	Mike Moneymaker	7:45am-8:20am, 11:20am-11:52am, 12:05-12:15pm, 1pm-1:09pm, 1:36-1:55, 2:03-2:11, 2:28-2:46	
Test Well #2	1/13/2011	297,800	22,100	294,700	0.90	Mike Moneymaker	8:00am-8:10am, 1:50pm-2:08pm, 2:26pm-2:36pm	
Test Well #2	1/14/2011	306,800	9,000	303,700	0.93	Mike Moneymaker	12:47pm-1:05pm	
Test Well #2	1/18/2011	339,700	32,900	336,600	1.03	Mike Moneymaker	8:25am-8:46am, 11:11am-11:30am, 1:24pm-1:42pm, 2:24pm-2:32pm	
Test Well #2	1/19/2011	375,800	36,100	372,700	1.14	Mike Moneymaker	8:16am-8:31am, 11:45am-12:08pm	
Test Well #2	1/20/2011	380,100	4,300	377,000	1.16	Mike Moneymaker	7:55am-8:10am, 9:05am-9:22am, 2:03pm-2:12pm	
Test Well #2	1/21/2011	388,200	8,100	385,100	1.18	Mike Moneymaker	8:05-8:21am	
Test Well #2	1/24/2011	406,500	18,300	403,400	1.24	Mike Moneymaker	7:54-8:03am, 2:13-2:31pm	
Test Well #2	1/25/2011	415,900	9,400	412,800	1.27	Mike Moneymaker	2:25-2:45pm	
Test Well #2	1/26/2011	442,300	26,400	439,200	1.35	Mike Moneymaker	11:16-11:34, 1:05-1:18, 2:32-2:51pm	
Test Well #2	1/27/2011	470,200	27,900	467,100	1.43	Mike Moneymaker	8:24-8:51, 12:58-1:17, 2:02-2:19	
Test Well #2	1/28/2011	497,700	27,500	494,600	1.52	Mike Moneymaker	8:07-8:24, 11:43-12:05, 2:03-2:25pm	
Test Well #2	1/31/2011	521,400	23,700	518,300	1.59	Mike Moneymaker	7:00am-7:08am, 7:11am-7:19am, 11:02-11:18am, 2:20pm-2:35pm	
Test Well #2	2/1/2011	544,300	22,900	541,200	1.66	Mike Moneymaker	7:04am-7:08am, 7:28am-7:33am, 8:21am-8:28am, 11:07am-11:14am, 11:31am-11:37am, 2:08pm-2:25pm	
Test Well #2	2/2/2011	565,700	21,400	562,600	1.73	Mike Moneymaker	7:15-7:20, 7:46-7:53, 11:26-11:33, 12:50-1:00	
Test Well #2	2/3/2011	589,300	23,600	586,200	1.80	Mike Moneymaker	10:31-10:49, 1:31-1:40, 2:18-2:26	
Test Well #2	2/4/2011	605,200	15,900	602,100	1.85	Mike Moneymaker	7:37am-7:48am, 11:31am-11:46am, 1:42pm-1:54pm	
Test Well #2	2/7/2011	624,800	19,600	621,700	1.91	Mike Moneymaker	7:45am-8:00am, 1:14pm-1:28pm, 2:05pm-2:13pm	
Test Well #2	2/8/2011	649,700	24,900	646,600	1.98	Mike Moneymaker	7:26am-7:40am, 10:51am- 11:04am, 1:15pm-1:29pm, 2:24pm-2:30pm	
Test Well #2	2/9/2011	668,900	19,200	665,800	2.04	Mike Moneymaker	7:44am- 7:56am, 12:50pm- 1:04pm, 2:19pm-2:30pm	
Test Well #2	2/10/2011	689,800	20,900	686,700	2.11	Mike Moneymaker	7:31am-7:44am, 11:55am-12:10pm, 1:58pm-2:10pm, 2:20pm-2:27pm	
Test Well #2	2/11/2011	707,200	17,400	704,100	2.16	Mike Moneymaker	8:00am-8:14am- 12:55pm-1:10pm, 2:06pm-2:13pm	
Test Well #2	2/14/2011	725,500	18,300	722,400	2.22	Mike Moneymaker	7:14-7:31, 11:24-11:39, 2:21-2:30pm	
Test Well #2	2/15/2011	746,200	20,700	743,100	2.28	Mike Moneymaker	7:49-8:08, 12:08-12:21, 2:18-2:30pm	
Test Well #2	2/16/2011	766,500	20,300	763,400	2.34	Mike Moneymaker	7:45-8:03, 11:53-12:07, 2:16-2:24	
Test Well #2	2/17/2011	783,800	17,300	780,700	2.40	Mike Moneymaker	7:51-8:11, 11:38-11:54	
Test Well #2	2/18/2011	795,000	11,200	791,900	2.43	Mike Moneymaker	7:15-7:30, 12:34-12:41pm	
Test Well #2	2/22/2011	813,000	18,000	809,900	2.49	Mike Moneymaker	7:14-7:25, 10:03-10:16, 1:56-2:15	
Test Well #2	2/23/2011	828,500	15,500	825,400	2.53	Mike Moneymaker	7:54-8:13, 2:04-2:16	
Test Well #2	2/24/2011	842,600	14,100	839,500	2.58	Mike Moneymaker	7:22-7:34, 11:31-11:46	
Test Well #2	2/25/2011	855,400	12,800	852,300	2.62	Mike Moneymaker	7:17-7:30, 1:47-1:58pm	
Test Well #2	2/28/2011	869,700	14,300	866,600	2.66	Mike Moneymaker	7:18-7:33, 1:57-2:10pm	
Test Well #2	3/1/2011	889,400	19,700	886,300	2.72	Mike Moneymaker	7:28-7:43, 11:30-11:46, 2:11-2:22pm	
Test Well #2	3/2/2011	904,000	14,600	900,900	2.76	Mike Moneymaker	7:18-7:31, 1:24-1:40	
Test Well #2	3/3/2011	914,500	10,500	911,400	2.80	Mike Moneymaker	7:21-7:36, 2:11-2:20	
Test Well #2	3/4/2011	944,000	29,500	940,900	2.89	Mike Moneymaker	7:21-7:37, 8:51-9:06, 10:52-11:07, 12:41-12:56	

Table 2-1. Daily Water Meter Usage Log



Meter #	Date	Meter Read	Daily Water Use (gal)	Water Use to Date (gal)	Water Use to Date (Acre-Feet)	Kiewit Rep.	Pumping Times and Duration	Pump Running Time (minutes)
Test Well #2	3/7/2011	958,500	14,500	955,400	2.93	Mike Money maker	7:30-7:45, 1:36-1:50	
Test Well #2	3/8/2011	975,500	17,000	972,400	2.98	Mike Money maker	7:28-7:44, 11:55-12:10, 2:13-2:20	
Test Well #2	3/9/2011	995,100	19,600	992,000	3.04	Mike Money maker	7:34-7:50, 12:51-1:06, 2:05-2:15	
Test Well #2	3/10/2011	1,017,700	22,600	1,014,600	3.11	Mike Money maker	9:15-9:31, 11:56-12:13, 1:47-2:04	
Test Well #2	3/11/2011	1,045,800	28,100	1,042,700	3.20	Mike Money maker	7:44-7:55, 8:31-8:44, 11:27-11:34, 1:01-1:15, 1:38-1:44	
Test Well #2	3/14/2011	1,071,800	26,000	1,068,700	3.28	Mike Money maker	7:19-7:30, 9:57-10:06, 11:03-11:17, 1:24-1:35, 2:02-2:09	
Test Well #2	3/15/2011	1,104,400	32,600	1,101,300	3.38	Mike Money maker	8:04-8:25, 10:12-10:25, 11:38-11:52, 1:30-1:45, 2:18-2:22pm	
Test Well #2	3/16/2011	1,141,500	37,100	1,138,400	3.49	Mike Money maker	7:15-7:22, 7:48-8:04, 9:24-9:40, 11:08-11:28, 1:19-1:30, 1:59-2:12	
Test Well #2	3/17/2011	1,179,700	38,200	1,176,600	3.61	Mike Money maker	7:52-8:12, 9:25-9:40, 10:56-11:15, 1:02-1:12, 1:44-1:56, 2:24-2:27	
Test Well #2	3/18/2011	1,211,600	31,900	1,208,500	3.71	Mike Money maker	8:15-8:30, 9:32-9:47, 11:37-11:50, 1:34-1:48, 2:18-2:22pm	
Test Well #2	3/21/2011	1,245,800	34,200	1,242,700	3.81	Mike Money maker	7:30-7:44, 8:58-9:13, 10:27-10:41, 1:35-1:50, 2:12-2:23pm	
Test Well #2	3/22/2011	1,278,200	32,400	1,275,100	3.91	Mike Money maker	7:29-7:41, 9:53-10:09, 11:29-11:42, 1:30-1:40, 2:08-2:21pm	
Test Well #2	3/23/2011	1,311,100	32,900	1,308,000	4.01	Mike Money maker	7:31-7:45, 9:32-9:46, 11:15-11:29, 1:09-1:20, 1:54-2:06pm	
Test Well #2	3/24/2011	1,343,600	32,500	1,340,500	4.11	Mike Money maker	7:42-7:57, 9:22-9:36, 11:16-11:31, 1:26-1:40, 2:16-2:22pm	
Test Well #2	3/25/2011	1,382,300	38,700	1,379,200	4.23	Mike Money maker	7:34-7:46, 9:39-9:54, 10:40-10:55, 11:47-12:02, 1:20-1:36, 2:02-2:10	
Test Well #2	3/28/2011	1,425,100	42,800	1,422,000	4.36	Mike Money maker	7:19-7:35, 8:39-8:54, 9:57-10:12, 11:22-11:37, 1:10-1:25pm	
Test Well #2	3/29/2011	1,458,700	33,600	1,455,600	4.47	Mike Money maker	7:27-7:41, 10:36-10:55, 11:38-11:50, 1:05-1:15, 1:53-2:07	
Test Well #2	3/30/2011	1,498,400	39,700	1,495,300	4.59	Mike Money maker	7:28-7:35, 8:54-9:15, 10:00-10:10, 11:43-12:03, 1:00-1:15, 2:04-2:16	
Test Well #2	3/31/2011	1,534,100	35,700	1,531,000	4.70	Mike Money maker	7:26-7:33, 7:51-8:04, 9:44- 9:50, 10:37-10:47, 11:22-11:32, 1:22-1:34, 2:01-2:16	
Test Well #2	4/1/2011	1,564,500	30,400	1,561,400	4.79	Mike Money maker	7:19-7:25, 8:34-8:47, 9:16-9:24, 10:02-10:11, 11:17-11:33; 12:	
Test Well #2	4/4/2011	1,604,800	40,300	1,601,700	4.92	Mike Money maker	7:27-7:43, 8:19-8:28, 9:57-10:07, 10:32-10:44, 11:34-11:45, 1:28-1:38, 1:55-2:10pm	
Test Well #2	4/5/2011	1,638,700	33,900	1,635,600	5.02	Mike Money maker	7:23-7:30, 7:47-7:57, 8:33-8:44, 11:06-11:21, 12:20-12:32, 1:44-1:58pm	
Test Well #2	4/6/2011	1,673,900	35,200	1,670,800	5.13	Mike Money maker	7:30-7:39, 8:42-8:52, 9:09-9:20, 10:15-10:23, 11:06-11:16, 1:04-1:15, 1:28-1:37, 2:18-2:21pm	
Test Well #2	4/7/2011	1,711,400	37,500	1,708,300	5.24	Mike Money maker	7:22-7:33, 8:50-8:59, 9:26-9:38, 11:01-11:11, 11:47-11:57, 12:57-1:06, 1:28-1:35, 2:08-2:20pm	
Test Well #2	4/8/2011	1,748,200	36,800	1,745,100	5.36	Mike Money maker	7:31-7:37, 8:26-8:37, 8:52-9:02, 9:34-9:44, 11:13-11:23, 12:50-12:58, 1:29-1:39, 1:57-2:09pm	
Test Well #2	4/11/2011	1,781,200	33,000	1,778,100	5.46	Mike Money maker	7:33-7:47, 9:33-9:46, 10:53-11:02, 11:35-11:45, 12:58-1:09, 1:24-1:31, 2:13-2:18pm	
Test Well #2	4/12/2011	1,813,800	32,600	1,810,700	5.56	Mike Money maker	7:24-7:34, 8:44-8:55, 10:21-10:31, 10:45-10:55, 11:27-11:40, 1:39-1:54pm	
Test Well #2	4/13/2011	1,850,200	36,400	1,847,100	5.67	Mike Money maker	7:23-7:38, 9:21-9:37, 11:19-11:32, 12:15-12:26, 1:24-1:34, 2:12-2:21pm	
Test Well #2	4/14/2011	1,889,300	39,100	1,886,200	5.79	Mike Money maker	7:25-7:36, 7:55-8:06, 10:15-10:26, 10:42-10:55, 11:52-12:07, 1:15-1:25, 2:04-2:13pm	
Test Well #2	4/15/2011	1,922,700	33,400	1,919,600	5.89	Mike Money maker	7:29-7:39, 8:28-8:40, 10:40-10:57, 11:21-11:31, 12:05-12:16, 1:31-1:41, 2:09-2:19pm	
Test Well #2	4/18/2011	1,958,500	35,800	1,955,400	6.00	Mike Money maker	7:34-7:48, 8:55-9:09, 10:45-11:00, 1:00-1:10, 2:00-2:16pm	
Test Well #2	4/19/2011	1,989,500	31,000	1,986,400	6.10	Mike Money maker	7:21-7:33, 10:06-10:18, 11:54-12:09, 1:42-1:58, 2:16-2:21pm	
Test Well #2	4/20/2011	2,003,700	14,200	2,000,600	6.14	Mike Money maker	7:24-7:38, 11:52-12:07pm	
Test Well #2	4/21/2011	2,031,100	27,400	2,028,000	6.22	Mike Money maker	7:32-7:47, 10:32-10:43, 11:38-11:48, 12:47-12:59, 1:46-2:02pm	
Test Well #2	4/22/2011	2,065,700	34,600	2,062,600	6.33	Mike Money maker	7:48-8:05, 8:36-8:47, 9:29-9:39, 11:11-11:21, 12:03-12:13, 12:47-12:57pm	
Test Well #2	4/25/2011	2,095,800	30,100	2,092,700	6.42	Mike Money maker	6:31-6:43, 8:01-8:11, 10:04-10:14, 11:02-11:13, 12:51-1:09pm	
Test Well #2	4/26/2011	2,125,800	30,000	2,122,700	6.51	Mike Money maker	6:32-6:44, 8:10-8:21, 9:41-9:55, 11:41-11:56, 1:16-1:24pm	
Test Well #2	4/27/2011	2,155,900	30,100	2,152,800	6.61	Mike Money maker	6:34-6:49, 8:58-9:13, 10:34-10:48, 12:50-1:05pm	
Test Well #2	4/28/2011	2,204,600	48,700	2,201,500	6.76	Mike Money maker	6:33-6:48, 8:22-8:35, 9:33-9:46, 10:15-10:32, 11:30-11:36, 11:45-11:55, 12:18-12:27, 2:47-2:57pm	
Test Well #2	4/29/2011	2,247,900	43,300	2,244,800	6.89	Mike Money maker	12:55-1:00, 1:56-2:00	
Test Well #2	5/2/2011	2,272,000	24,100	2,268,900	6.96	Mike Money maker	5:55-6:12, 8:44-8:54, 10:18-10:33, 1:19-1:25pm	
Test Well #2	5/3/2011	2,302,800	30,800	2,299,700	7.06	Mike Money maker	6:14-6:27, 7:41-7:56, 9:43-9:56, 11:41-11:55, 1:03-1:13	
Test Well #2	5/4/2011	2,329,700	26,900	2,326,600	7.14	Mike Money maker	6:09-6:23, 9:04-9:21, 10:05-10:19, 12:06-12:20pm	
Test Well #2	5/5/2011	2,367,300	37,600	2,364,200	7.26	Mike Money maker	6:07-6:20, 7:05-7:18, 8:31-8:45, 10:05-10:18, 11:24-11:37, 12:45-12:58pm	
Test Well #2	5/6/2011	2,394,900	27,600	2,391,800	7.34	Mike Money maker	6:15-6:30, 7:12-7:24, 9:31-9:47, 12:24-12:36	

Table 2-1. Daily Water Meter Usage Log



Meter #	Date	Meter Read	Daily Water Use (gal)	Water Use to Date (gal)	Water Use to Date (Acre-Feet)	Kiewit Rep.	Pumping Times and Duration	Pump Running Time (minutes)
Test Well #2	5/9/2011	2,430,200	35,300	2,427,100	7.45	Mike Money maker	6:06-6:19, 7:01-7:14, 9:09-9:22, 10:41-10:54, 12:13-12:27, 1:19-1:26	
Test Well #2	5/10/2011	2,457,300	27,100	2,454,200	7.53	Mike Money maker	6:09-6:25, 7:19-7:33, 9:20-9:34, 12:47-1:01pm	
Test Well #2	5/11/2011	2,491,500	34,200	2,488,400	7.64	Mike Money maker	6:44-6:56, 8:45-9:09, 10:28-10:34, 12:06-12:18, 1:13-1:30pm	
Test Well #2	5/12/2011	2,524,600	33,100	2,521,500	7.74	Mike Money maker	6:14-6:26, 7:12-7:25, 8:57-9:11, 10:34-10:46, 12:15-12:29, 1:19-1:25pm	
Test Well #2	5/13/2011	2,536,500	11,900	2,533,400	7.77	Mike Money maker	6:10-6:23, 7:08-7:21am	
Test Well #2	5/16/2011	2,577,000	40,500	2,573,900	7.90	Mike Money maker	6:02-6:17, 7:03-7:16, 8:03-8:16, 8:59-9:13, 9:55-10:08, 10:49-11:03	
Test Well #2	5/17/2011	2,601,800	24,800	2,598,700	7.98	Mike Money maker	10:47-11:00, 11:36-11:51, 12:12-12:26, 1:01-1:11pm	
Test Well #2	5/18/2011	2,635,300	33,500	2,632,200	8.08	Mike Money maker	9:34-9:48, 10:32-10:46, 11:44-11:58, 1:26-1:40, 2:44-2:57pm	
Test Well #2	5/19/2011	2,675,800	40,500	2,672,700	8.20	Mike Money maker	6:04-6:18, 7:08-7:22, 8:40-8:54, 9:51-10:05, 11:06-11:21, 12:23-12:37pm	
Test Well #2	5/20/2011	2,729,600	53,800	2,726,500	8.37	Mike Money maker	6:16-6:30, 7:21-7:35, 8:18-9:02, 10:25-10:47, 12:04-12:18pm	
Test Well #2	5/23/2011	2,769,600	40,000	2,766,500	8.49	Mike Money maker	6:47-7:01, 7:38-7:44, 7:58-8:04, 8:24-8:31, 8:38-8:52, 9:02-9:10, 9:51-9:57, 10:27-10:34am	
Test Well #2	5/24/2011	2,814,700	45,100	2,811,600	8.63	Mike Money maker	5:30-5:37, 6:05-6:12, 6:35-6:49, 6:55-7:02, 7:53-8:00, 8:04-8:18, 9:03-9:10, 9:35-9:49, 11:12-11:25, 12:44-12:57pm	
Test Well #2	5/25/2011	2,865,400	50,700	2,862,300	8.78	Mike Money maker	5:53-6:00, 6:12-6:19, 6:45-7:06, 7:22-7:29, 8:06-8:20, 8:28-8:35, 9:08-9:13, 9:38-9:50, 11:26-11:40, 12:38-12:54	
Test Well #2	5/26/2011	2,918,400	53,000	2,915,300	8.95	Mike Money maker	5:30-5:37, 5:57-6:06, 6:28-6:35, 6:53-7:07, 7:12-7:19, 7:53-8:00, 8:18-8:31, 8:51-8:58, 9:15-9:22, 9:40-9:54, 10:54-11:07, 12:32-12:45pm	
Test Well #2	5/27/2011	2,982,800	64,400	2,979,700	9.14	Mike Money maker	6:52-7:06, 8:05-8:19, 9:34-9:47, 11:02-11:16, 5:30-5:37, 6:05-6:12, 6:30-6:37, 7:13-7:20, 7:45-7:52, 8:27-8:34, 9:04-9:11, 9:28-9:35, 9:55-10:02, 10:31-10:39, 10:57-11:04	
Test Well #2	5/31/2011	3,054,100	71,300	3,051,000	9.36	Mike Money maker	7:33-7:47, 8:51-9:04, 10:15-10:28, 11:31-11:45, 12:52-1:06, 5:30-5:37, 6:00-6:07, 6:24-6:31, 6:52-6:59, 7:27-7:34, 8:00-8:07, 9:13-9:20, 9:36-9:43, 10:04-10:11, 10:35-10:42, 11:12-11:19	
Test Well #2	6/1/2011	3,104,800	50,700	3,101,700	9.52	Mike Money maker	6:50-7:04, 8:10-8:23, 9:42-9:58, 5:30-5:37, 5:55-6:02, 6:15-6:22, 6:45-6:52, 7:12-7:19, 7:47-7:54, 8:10-8:17, 9:59-10:06, 10:30-10:37, 11:07-11:14, 11:22-11:29	
Test Well #2	6/2/2011	3,177,200	72,400	3,174,100	9.74	Mike Money maker	7:05-7:19, 8:19-8:33, 9:32-9:46, 10:48-11:02, 12:15-12:29pm, 5:39-5:46, 6:02-6:09, 6:33-6:47, 7:26-7:33, 7:53-8:00, 8:41-8:48, 9:10-9:17, 9:30-9:37, 10:35-10:42, 11:09-11:16	
Test Well #2	6/3/2011	3,225,200	48,000	3,222,100	9.89	Mike Money maker	7:07-7:21, 8:16-8:29, 9:35-9:48, 11:13-11:27pm, 5:36-5:43, 6:01-6:08, 6:22-6:29, 6:46-6:53, 8:00-8:07, 9:14-9:21, 10:21-10:28, 10:50-10:57	
Test Well #2	6/6/2011	3,282,800	57,600	3,279,700	10.07	Mike Money maker	6:33-6:47, 8:27-8:42, 9:55-10:09, 11:08-11:22, 12:30-12:44, 5:38-5:45, 5:58-6:05, 6:17-6:24, 6:50-6:57, 7:41-7:48, 8:41-8:48, 10:06-10:13, 11:20-11:27	
Test Well #2	6/7/2011	3,332,500	49,700	3,329,400	10.22	Mike Money maker	6:50-7:05, 8:46-9:00, 10:25-10:38, 12:15-12:30, 5:35-5:42, 6:02-6:09, 6:30-6:37, 7:53-8:00, 8:21-8:28, 9:07-9:14, 11:07-11:14, 11:28-11:35	
Test Well #2	6/8/2011	3,392,600	60,100	3,389,500	10.40	Mike Money maker	6:50-7:04, 8:36-8:49, 9:53-10:07, 11:09-11:22, 12:25-12:38pm	
Test Well #2	6/9/2011	3,459,500	66,900	3,456,400	10.61	Mike Money maker	7:17-7:30, 8:50-9:04, 10:05-10:18, 11:35-11:49, 12:56-1:04pm 5:40-5:47, 6:05-6:12, 6:26-6:33, 6:57-7:02, 7:43-7:50, 8:26-8:33, 9:07-9:14, 9:42-9:49, 10:27-10:34, 11:01-11:08	
Test Well #2	6/10/2011	3,516,200	56,700	3,513,100	10.78	Mike Money maker	6:50-7:04, 8:11-8:25, 10:50-11:04, 1:05-1:20 5:35-5:42, 6:13-6:20, 6:39-6:46, 7:06-7:13, 7:44-7:51, 9:07-9:14, 9:48-9:55, 10:22-10:24	
Test Well #2	6/13/2011	3,531,800	15,600	3,528,700	10.83	Mark O-O	5:32-5:42, 6:02-6:09, 6:26-6:33, 6:49-6:56	
Test Well #2	6/14/2011	3,575,000	43,200	3,571,900	10.96	Mike Money maker	6:53-7:06, 9:52-10:06, 5:35-5:42, 5:58-6:03, 6:18-6:25, 6:46-6:53, 7:17-7:24, 8:05-8:12, 8:48-8:55, 9:17-9:24, 10:08-10:17, 11:11-11:18	
Test Well #2	6/15/2011	3,615,700	40,700	3,612,600	11.09	Mike Money maker	6:11-6:55, 9:46-10:01, 11:21-11:34, 12:46-12:59	
Test Well #2	6/16/2011	3,683,200	67,500	3,680,100	11.29	Mike Money maker	6:35-6:49, 8:12-8:26, 9:30-9:41, 10:35-10:49, 12:13-12:27, 1:56-2:10 5:35-5:42, 6:15-6:22, 6:55-7:02, 7:51-7:58, 8:32-8:39, 9:10-9:17, 9:51-9:58, 12:48-12:55	
Test Well #2	6/17/2011	3,690,100	6,900	3,687,000	11.31	Mike Money maker	8:38-8:52	
Test Well #2	6/20/2011	3,769,000	78,900	3,765,900	11.56	Mike Money maker	5:35-5:42, 6:00-6:07, 6:20-6:27, 6:43-6:50, 7:07-7:58, 8:24-8:38, 8:40-8:48, 8:53-9:10, 9:23-9:30, 9:54-10:08, 10:10-10:17, 10:44-11:02, 11:18-11:25, 11:32-11:46, 12:35-12:49	
Test Well #2	6/21/2011	3,844,100	75,100	3,841,000	11.79	Mike Money maker	5:40-5:47, 6:15-6:22, 6:39-6:46, 6:46-7:30, 7:34-7:48, 7:55-8:02, 8:17-8:30, 8:53-9:00, 9:00-9:13, 9:36-9:43, 9:44-10:00, 10:31-10:44, 11:15-11:24, 1:26-1:36	

Table 2-1. Daily Water Meter Usage Log



Meter #	Date	Meter Read	Daily Water Use (gal)	Water Use to Date (gal)	Water Use to Date (Acre-Feet)	Kiewit Rep.	Pumping Times and Duration	Pump Running Time (minutes)
Test Well #2	7/25/2011	4,985,600	24,200	4,982,500	15.29	Mike Moneyemaker	5:00-5:07,5:40-5:47,7:28-7:36,8:38-8:45,9:53-10:00,11:47-11:54,12:59-1:06	M=None 7,7,8,7,7,7,7 Total=50
Test Well #2	7/26/2011	5,027,200	41,600	5,024,100	15.42	Mike Moneyemaker	5:00-5:07,5:27-5:34,6:00-6:07,6:40-6:47,8:08-8:15,8:50-8:57,9:15-9:22,10:56-11:03,11:29-11:36,11:58-12:05,12:33-12:40	7,7,7,7,7,7,7,7,7,7,7 Total=77
Test Well #2	7/27/2011	5,071,200	44,000	5,068,100	15.55	Mike Moneyemaker	5:40-5:47,6:07-6:14,6:53-7:00,7:35-7:42,8:14-8:21,9:04-9:11,9:34-9:41,9:55-10:02,10:56-11:04,11:32-11:39,12:03-12:10,12:53-12:40	7,7,7,7,7,7,7,8,7,7,7 Total=85
Test Well #2	7/28/2011	5,112,300	41,100	5,109,200	15.68	Mike Moneyemaker	5:00-5:07,5:28-5:35,5:51-5:58,6:15-6:22,6:40-6:47,7:15-7:22,8:44-8:51,9:19-9:26,9:56-10:02,11:05-11:12,11:32-11:39,12:02-12:09	7,7,7,7,7,7,7,8,7,7,7 Total=85
Test Well #2	7/29/2011	5,150,500	38,200	5,147,400	15.80	Mike Moneyemaker	5:00-5:07,5:20-5:27,5:53-6:00,6:10-6:17,6:53-7:00,7:29-7:37,8:08-8:15,8:32-8:39,9:11-9:18,9:59-10:06,11:02-11:09,11:36-11:43	7,7,7,7,7,8,7,7,7,7,7 Total=85
Test Well #2	8/1/2011	5,188,000	37,500	5,184,900	15.91	Mike Moneyemaker	5:00-5:07,5:20-5:27,5:50-5:57,7:01-7:08,8:30-8:37,8:50-8:57,9:15-9:23,9:39-9:46,10:11-10:18,10:40-10:47,11:05-11:12,11:29-11:40,12:10-12:17,1:30-1:37	7,7,7,7,7,8,7,7,7,7,7,7 Total=103
Test Well #2	8/2/2011	5,229,400	41,400	5,226,300	16.04	Mark Mays (O/O)	5:00-5:07,5:30-5:37,6:15-6:37,7:13-7:20,7:54-8:01,8:45-8:52,9:24-9:31,10:28-10:35,11:18-11:25,11:48-11:56,12:05-12:12,12:30-12:37	7,7,22,7,7,7,7,7,8,7,7 Total=100
Test Well #2	8/3/2011	5,274,400	45,000	5,271,300	16.18	Mark Mays (O/O)	8:30-8:37,9:54-10:01,10:35-10:42,11:15-11:22,12:10-12:17,12:29-12:36,1:00-1:07,1:35-1:42,2:45-2:52,3:48-3:55,4:12-4:19,4:52-5:00	7,7,7,7,7,7,7,7,7,7,7 Total=84
Test Well #2	8/4/2011	5,319,400	45,000	5,316,300	16.32	Mark Mays (O/O)	5:18-5:25,5:43-5:50,6:13-6:20,7:01-7:08,7:35-7:42,8:15-8:22,8:54-9:01,9:33-9:40,10:41-10:48,11:09-11:16,11:39-11:46,12:35-12:42	7,7,7,7,7,7,7,7,7,7,7 Total=84
Test Well #2	8/5/2011	5,366,600	47,200	5,363,500	16.46	Mark Mays (O/O)	5:10-5:17,5:29-6:00-6:07,6:20-6:27,6:53-7:00,7:29-7:36,8:44-8:51,9:12-9:19,9:33-9:40,10:00-10:07,10:53-11:00,11:34-11:41,12:03-12:10,12:19-12:26,12:46-12:53	7,7,7,7,7,7,7,7,7,7,7 Total=105
Test Well #2	8/8/2011	5,404,200	37,600	5,401,100	16.58	Mark Mays (O/O)	5:00-5:07,5:41-5:48,6:15-6:20,6:50-6:57,7:48-7:55,8:18-8:25,8:57-9:14,9:40-9:47,10:58-11:05,11:34-11:41,12:14-12:21,12:49-12:56,1:15-1:22	7,7,5,7,7,7,7,7,7,7,7,7 Total=89
Test Well #2	8/9/2011	5,444,300	40,100	5,441,200	16.70	Mark Mays (O/O)	5:00-5:07,5:44-5:52,6:40-6:47,7:40-7:47,8:51-8:58,9:24-9:31,10:04-10:11, 11:08-11:13,11:30-11:37,12:06-12:14,12:20-12:27,12:58-1:05, 1:20-1:27	7,7,7,7,7,7,7,7,7,7,7,7 Total=91
Test Well #2	8/10/2011	5,482,100	37,800	5,479,000	16.81	Mark Mays (O/O)	5:30-5:37,6:04-6:22,6:40-6:47,7:23-7:30,8:05-8:12,9:11-9:17,9:43-9:51,10:35-10:41,11:04-11:12,12:33-12:40	7,18,7,7,7,6,8,6,8,7,7 Total=74
Test Well #2	8/11/2011	5,530,000	47,900	5,526,900	16.96	Mark Mays (O/O)	5:00-5:07,4:48-5:55,6:49-6:56,7:30-7:37,8:19-8:26,9:07-9:14,9:50-9:57,10:47-10:54,11:04-11:11,11:46-11:53,12:18-12:25,1:03-1:10,1:23-1:30	7,7,7,7,7,7,7,7,7,7,7,7 Total=91
Test Well #2	8/12/2011	5,567,300	37,300	5,564,200	17.08	Mark Mays (O/O)	5:30-5:37,6:02-6:09,6:41-6:48,7:25-7:32,7:49-7:56,8:01-8:08,8:46-8:53,9:19-9:26,10:02-10:09,11:01-11:08,11:44-11:50,12:30-12:37	7,7,7,7,7,7,7,7,7,6,7 Total=83
Test Well #2	8/15/2011	5,601,400	34,100	5,598,300	17.18	Mark Mays (O/O)	5:30-5:37,5:47-5:54,6:20-6:27,7:06-7:13,7:48-7:55,8:40-8:47,9:20-9:27,9:48-9:56,11:00-11:07,11:48-11:55,12:30-12:37	7,7,7,7,7,7,7,7,7,7,7 Total=77
Test Well #2	8/16/2011	5,631,500	30,100	5,628,400	17.27	Sal Ross (O/O)	6:08-6:13,6:49-6:55,7:37-7:42,8:28-8:35,9:10-9:17,9:58-10:03,10:58-11:05,11:40-11:46,12:24-12:30	7,6,5,7,7,5,7,6,6 Total=56
Test Well #2	8/17/2011	5,672,900	41,400	5,669,800	17.40	Sal Ross (O/O)	5:02-5:08, 5:40-5:46, 6:20-6:26, 7:08-7:13, 7:48-7:54, 8:28-8:34, 9:08-9:13, 9:45-9:57, 10:26-10:32, 11:06-11:11, 11:48-11:54, 12:29-12:35, 1:03-1:08	6,6,6,5,6,6,5,12,6,5,6,6,5 Total= 80
Test Well #2	8/18/2011	5,708,200	35,300	5,705,100	17.51	Sal Ross (O/O)	5:18-5:23, 5:42-5:48, 6:12-6:18, 6:53-6:59, 7:42-7:48, 8:27-8:33, 9:12-9:18, 9:54-10:00, 11:27-11:32, 12:10-12:16, 12:50-12:56	5,6,6,5,6,6,5,12,6,5,6,6,5 Total= 79
Test Well #2	8/19/2011	5,743,000	34,800	5,739,900	17.62	Sal Ross (O/O)	4:54-5:00,5:27-5:32,6:04-6:10,6:45-6:51,7:32-7:38,8:19-8:24,9:07-9:12,9:58-10:04,10:52-10:58,11:35-10:42,12:22-12:28	6,5,6,6,6,6,5,6,6,7,6 Total=65
Test Well #2	8/22/2011	5,771,500	28,500	5,768,400	17.70	Sal Ross (O/O)	6:39-6:46,7:09-7:14,7:51-7:57,8:38-8:44,9:27-9:33,10:16-10:22,11:38-11:44,12:23-12:29,1:12-1:18	7,5,6,6,6,6,6,6,6,6 Total=54
Test Well #2	8/23/2011	5,808,000	36,500	5,804,900	17.81	Sal Ross (O/O)	5:58-6:04,6:31-6:37,7:02-7:08,7:44-7:50,8:22-8:28,8:51-8:57,9:34-9:40,10:04-10:10,11:05-11:11,11:49-11:55,12:44-12:50	6,6,6,6,6,6,6,6,6,6,6 Total=66
Test Well #2	8/24/2011	5,839,700	31,700	5,836,600	17.91	Sal Ross (O/O)	5:41-5:47,6:14-6:20,7:07-7:13,8:02-8:09,8:48-8:54,9:43-9:49,10:38-10:44,12:17-12:25,12:56-1:02,1:30-1:36	6,6,6,7,6,6,6,8,6,6,6 Total=63
Test Well #2	8/25/2011	5,869,400	29,700	5,866,300	18.00	Sal Ross (O/O)	5:27-5:33,6:07-6:13,7:26-7:32,8:54-9:00,9:40-9:46,10:31-10:37,11:21-11:27,12:18-12:24,1:19-1:25	6,6,6,6,6,6,6,6,6,6 Total=54
Test Well #2	8/26/2011	5,905,500	36,100	5,902,400	18.11	Sal Ross (O/O)	5:37-5:44,6:05-6:11,6:45-6:51,7:41-7:47,8:37-8:43,9:27-9:33,10:08-10:14,10:55-11:01,11:46-11:52,12:33-12:39,1:24-1:30	7,6,6,6,6,6,6,6,6,6,6 Total=67
Test Well #2	8/29/2011	5,947,100	41,600	5,944,000	18.24	Sal Ross - John Saylor (O/O)	5:36-5:42,6:08-6:14,6:55-7:01,7:05-7:11,7:38-7:44,8:16-8:22,8:51-8:57,9:35-9:41,9:43-9:49,11:44-11:50,12:27-12:33,1:00-1:06,1:22-1:28	6,6,6,6,6,6,6,6,6,6,6,6 Total=78

Table 2-1. Daily Water Meter Usage Log



Meter #	Date	Meter Read	Daily Water Use (gal)	Water Use to Date (gal)	Water Use to Date (Acre-Feet)	Kiewit Rep.	Pumping Times and Duration	Pump Running Time (minutes)
Test Well #2	8/30/2011	5,983,600	36,500	5,980,500	18.35	Sal Ross - John Saylor (O/O)	7:33-7:44,8:56-9:08,10:33-10:45,11:18-11:29,12:11-12:23,1:01-1:12	11,12,12,11,12,11 Total=69
Test Well #2	8/31/2011	6,026,300	42,700	6,023,200	18.48	Sal Ross - John Saylor (O/O)	5:38-5:51,6:15-6:27,7:07-7:19,8:42-8:53,10:07-10:19,12:00-12:12,1:20-1:31	13,12,12,11,12,12, 11 Total=83

SOIL&WATER-4: The proposed project's use of groundwater during construction shall not exceed 4,100 af during the 69 months of construction and an annual average of 600 afy during operation.

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 11
Site Construction Safety Supervisor's Safety Report

Monthly Safety Inspection Report for August 2011

Blythe Solar Power Project

Safety Inspections

See the attached Safety Tour Reports.

Safety Incidents and Corrective Actions

See attached safety tours reports.

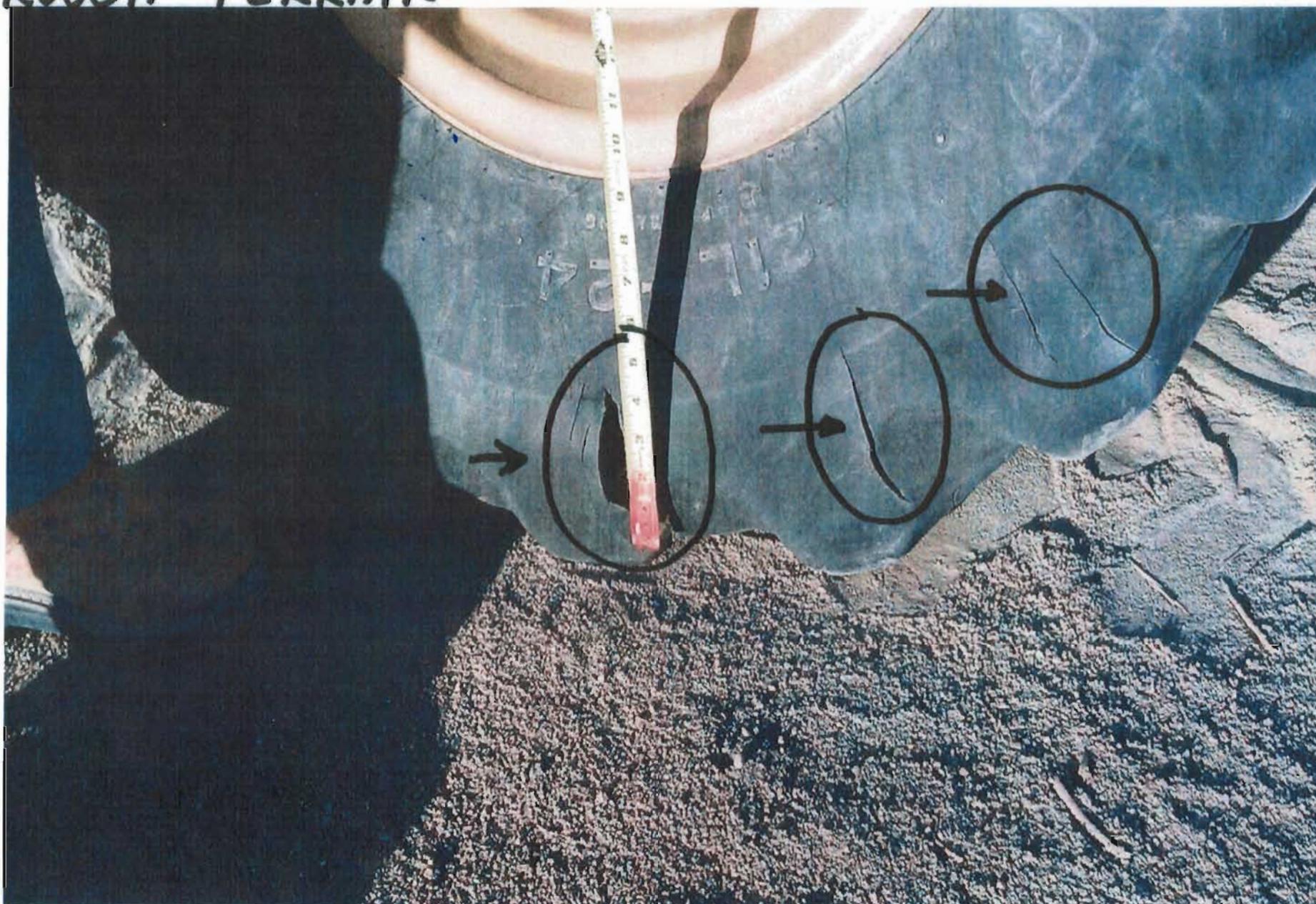
Unresolved Safety Problems

There are no unresolved safety issues.

First Aid, Reportable, & Recordable Injuries

There were no first aids, reportable, recordable, or near misses during the month of August.

TIRE SAFETY
IDENTIFYING POTENTIAL HAZARDS - DAMAGE DUE TO
ROUGH TERRAIN



REVIEWED TIRE SAFETY AND HAZARDS WITH CRAFT
STAFF, AND INSPECTORS

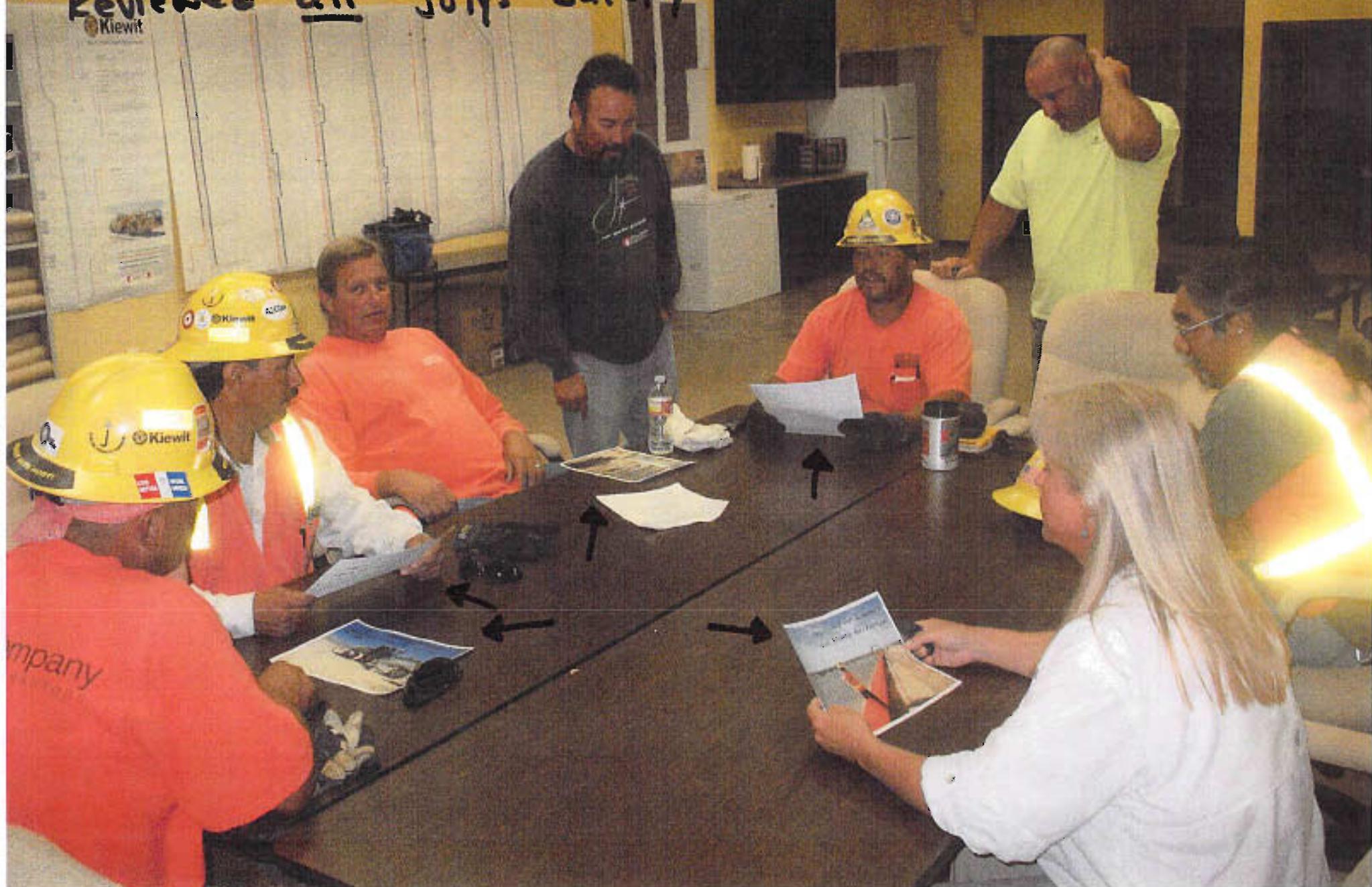
IDENTIFYING HAZARDS
PROPER LABELING TO ENSURE
PRODUCT USED CORRECTLY & SAFELY
REVIEWED WITH CREW

CAN'T IDENTIFY PRODUCT

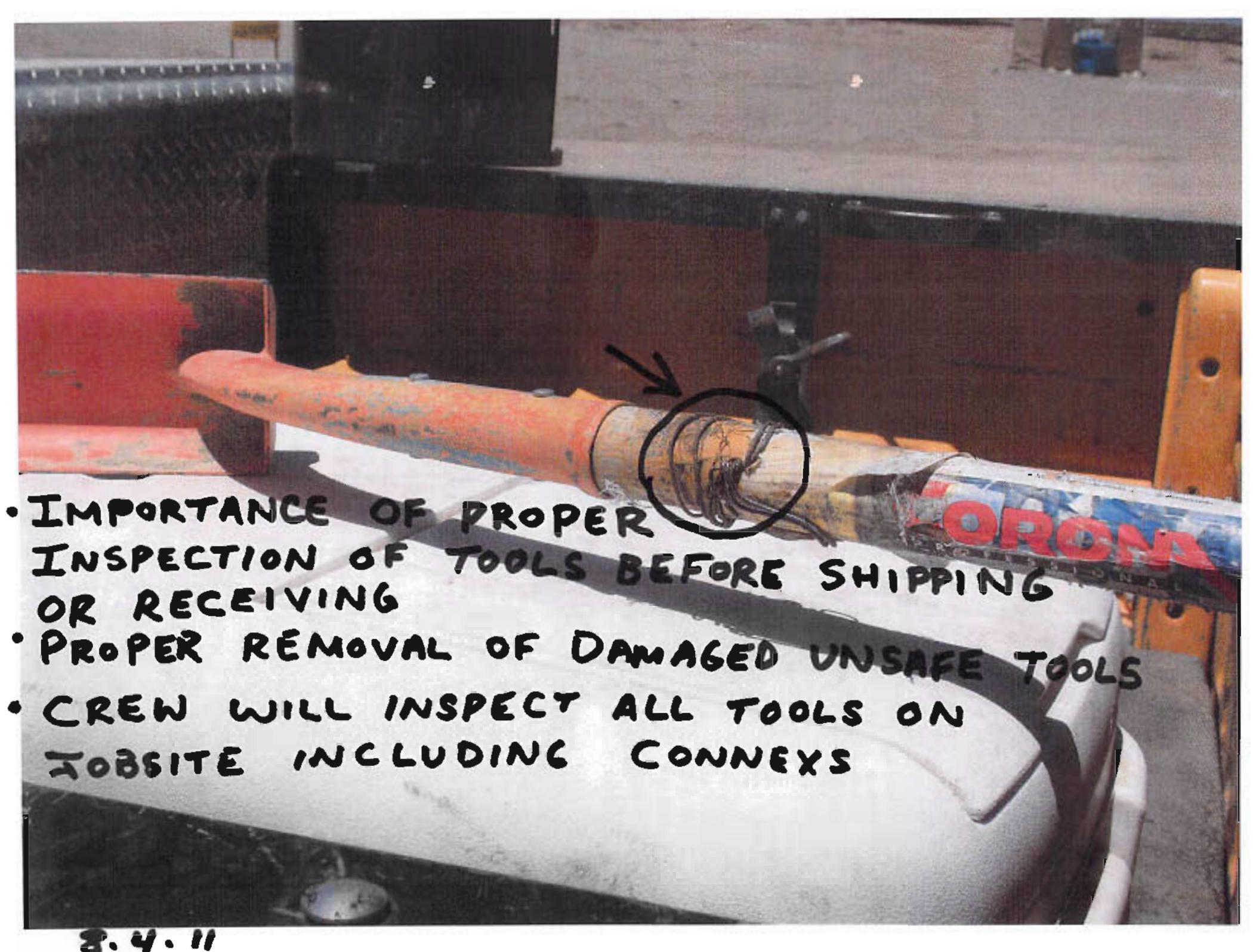


8-2-11

- Monthly Safety Tour Recap
- Bio's & OXO's included
- Reviewed all July's Safety Tours



8-3-11

- 
- A photograph of a damaged tool handle, likely a chainsaw, with a black circle and arrow highlighting a frayed section. The handle is orange and blue, with the brand name 'CORONA' visible. The tool is resting on a white surface. The background shows a dark metal structure and a concrete wall.
- IMPORTANCE OF PROPER INSPECTION OF TOOLS BEFORE SHIPPING OR RECEIVING
 - PROPER REMOVAL OF DAMAGED UNSAFE TOOLS
 - CREW WILL INSPECT ALL TOOLS ON JOBSITE INCLUDING CONNEYS

BACK TO BASICS

- REVIEWED DANGERS OF BEING COMPLACENT
- REVIEWED HOUSEKEEPING AND ACCESS
- ORGANIZED LAID DOWN YARD AND CONNEXS



MATERIAL STORAGE

-While inventorying lanyards (all stuffed in a Knack box), the craft was careful not to throw them in the dirt, but rather hang them over the fence. No fall protection system should ever be placed on the ground.



Owner/Oper. Water Truck

- * Headlights went out this morning (5:10 AM) and he continued driving & ran into a check dam.
- Complete & thorough Daily Visuals
- Never drive in the dark without headlights. STOP!
- Mechanics called to check on issue.

- REVIEW WITH CREW DRIVER SAFETY

8-9-11

FENCE VISIBILITY

- Old ribbon was faded & falling apart from intense heat & sun exposure.
- Placed new ribbon at fence locations that cross/cut off existing trails and/or roads.



8-10-11

• OPEN MASS MEETING

• ADDRESSED PROJECT UNCERTAINTY

• ADDRESSED DANGERS OF COMPLACENCY

BACK TO BASICS

DANGERS:

- * BEING COMPLACENT
- * NOT FOCUSED
- * UNCERTAINTY/DOUBT
- * DRIVER SAFETY
- * HEAT: DEHYDRATION
HEAT EXHAUSTION
- * WILD LIFE
- * STAY FOCUSED

NOBODY GETS HURT!
 WORK SAFELY!
 STAY FOCUSED ON TASK AT HAND
 HYDRATE: BUDDY SYSTEM
 ONE TEAM



* Why I Work SAFE Board *

• SAFE TOOL HANDLING

• REVIEWED DANGERS OF STEPPING OVER DTF FENCING WITH SHOVEL OR ANY TOOLS IN HANDS

• TOOLS WILL BE SAFELY PLACED OUT OF AREA WHERE CROSSING OR HANDED OVER ONCE SAFELY ON OTHER SIDE



ACCESS

DO NOT USE sandbag AS A STEP

Review with crew the importance
of access & Tripping Hazards.



D-12-11

- With only 1 major operation taking place, we emphasized a central parking location for the monitors (greater than 200' away from the operation).



8-16-11

- Clear Access while Accessing Tool box
- Extreme House Keeping (Truck)



Shovel out
of the way

Access

- Tools in Cab
- Tripping Hazard



8/18/11

Body
Position

Good!



Impelment Hazards.

INSURE all survey lathes are
REMOVED.



B-23-11

Tool Storage

Protruding handle poses

RISK TO employees walking around vehicle.

Store materials completely INSIDE of TRUCK BED

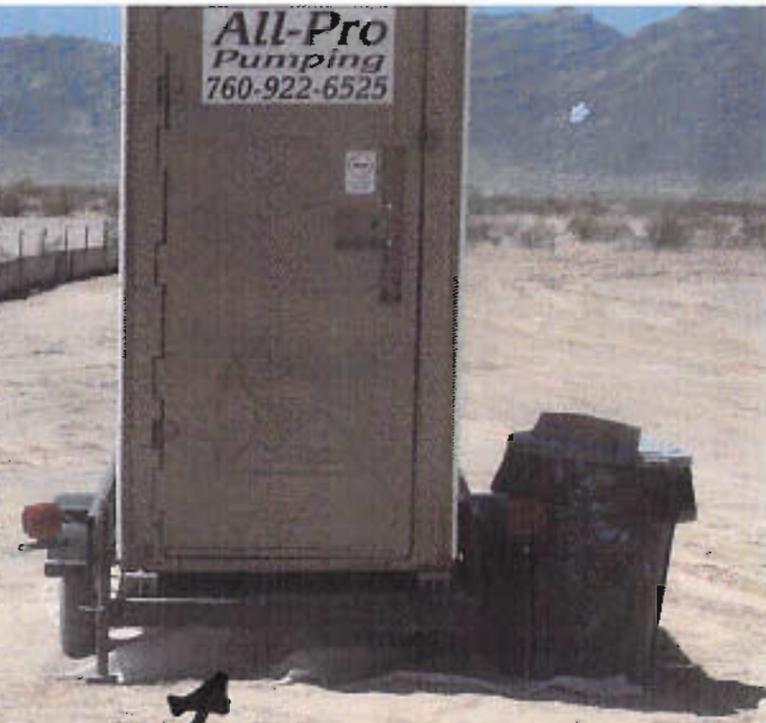


8-23-11

- Staged Fork Attachments
visibility



Moved
Bathroom
Farther



Dangers: 2. Equipment working in a tight area
Talked with operators about have good communication
& Eye Contact.



8-25-11

Body Position

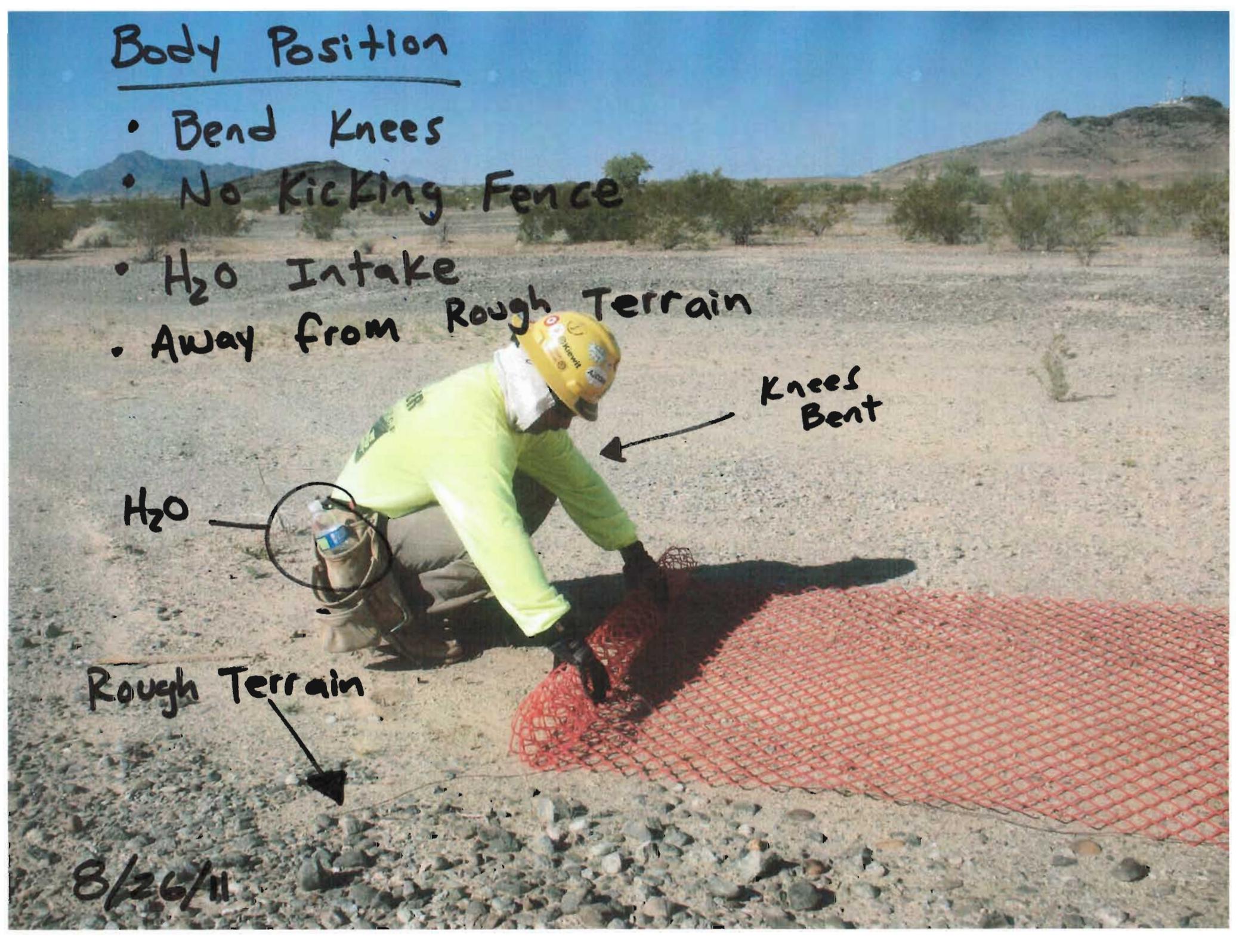
- Bend Knees
- No Kicking Fence
- H₂O Intake
- Away from Rough Terrain

Knees Bent

H₂O

Rough Terrain

8/26/11



Good communication Between operator
And ground Personnel.
good water support maintain. for
Dust control



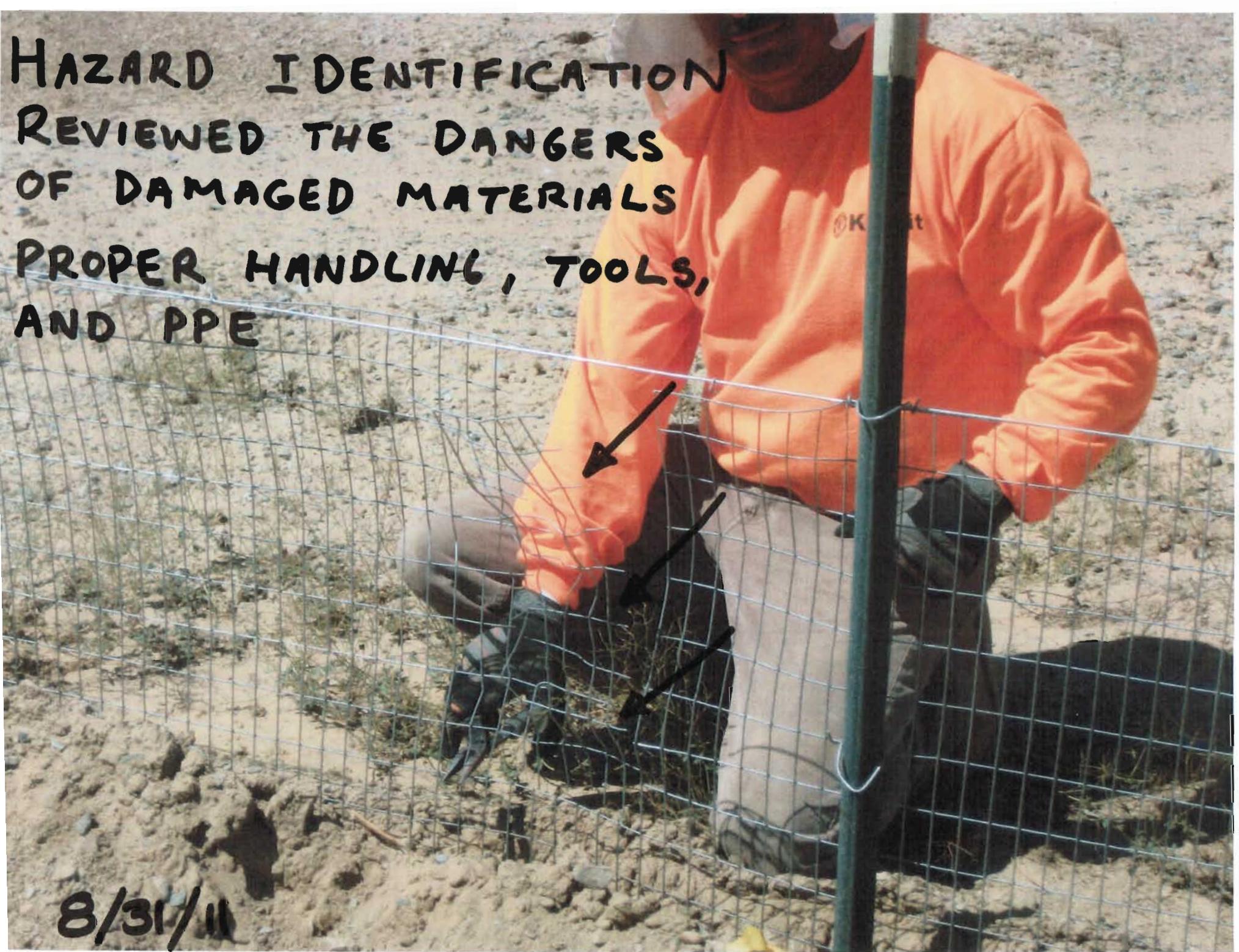
8-29-11

• IMPLEMENTED THE USE
OF NEW NYLON SNAKE
CHAPS

REPLACEMENT FOR
HEAVIER LEATHER CHAPS



HAZARD IDENTIFICATION
REVIEWED THE DANGERS
OF DAMAGED MATERIALS
PROPER HANDLING, TOOLS,
AND PPE



8/31/11

Blythe Solar Power Project
(09-AFC-6C)

Monthly Compliance Report #10

Exhibit 12
CBO Safety Monitor's Report



WEST COAST CODE CONSULTANTS, Inc.

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September 1, 2011

Blythe Solar Power Project

Mary Dyas

Compliance Project Manager

California Energy Commission

Energy Facilities Siting Division

1516 Ninth Street, MS 2000

Sacramento, CA 95814-5512

RE: BSPP Monthly Safety Monitor Compliance Report August 2011

Dear Ms. Dyas:

As it relates to **Workers Safety 3**, Kiewit Power Inc. has met, or exceeded these requirements with regard to:

- Safety Training
- Safety Inspections
- Safety Incidents and Corrective Actions
- Unresolved Safety Problems
- First Aid, Reportable and Recordable Injuries.

Sincerely,

Greg Gibson

Supervising Building Inspector / Safety Monitor

West Coast Code Consultants, Inc.

2400 Camino Ramon, Suite 240

San Ramon, CA 94583