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

Monthly Compliance Report #6
April 2011 Reporting Period

May 20, 2011

Blythe Solar Power Project
Monthly Compliance Report #6

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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
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
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
SMLLC	Solar Millennium LLC
STRUC	Structural
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 of BSPP allowing the start of all construction activities associated with Phase 1a of the site.

This document constitutes PVSI's sixth 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 April 2011.

Overall Project Status

SMLLC has contracted with Kiewit Power Engineering (KPE) & Kiewit Power Constructors (KPC) to provide the engineering, procurement, and construction services needed to build the BSPP. As of end of April 2011, the Project was < 0.1% complete. The following table presents the percent complete numbers for the engineering, procurement, and construction activities as of April 2011:

Activity	% Complete
♦ Engineering	14.2%
♦ Procurement	2%
♦ Construction	< 0.1%

Engineering

During April 2011, KPE submitted Phase 1a & b related drawings and specifications to the Chief Building Official (CBO) for review and plan check.

Procurement

The procurement focus for April 2011 was on various construction materials and Site safety equipment required for Phase 1a work.

Construction

During April, KPC conducted safety training for new staff and visitors and installed Desert Tortoise Fence & Silt Fence around part of the main access road, and Phase 1a-Unit 1 boundary.

Weekly coordination calls and monthly meetings were held during the reporting period between PVSI, AECOM (PVSI's environmental contractor), KPE, and KPC. A Project schedule for the Project is included in Exhibit 1. A key events list is included in Exhibit 2. The contract completion date for the BSPP Unit 1 currently is January 2014.

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.

Engineering. The following civil, structural and mechanical engineering activities were completed during April 2011:

- Issued Drilled Pier Drawings for CBO's review and approval.
- Issued Phase 1B Clearing and Grubbing drawings for CBO's review and approval.
- Issued Line List for CBO's review and approval.
- Re-issued Condensate and Blowdown, Traps and Drains P&IDS for CBO's review and approval.
- Issued Closed Cooling Water P&IDS for CBO's review and approval.
- Issued Wastewater Treatment P&IDS for CBO's review and approval.
- Issued Demineralized Water Treatment P&IDS for CBO's review and approval.
- Re-issued the updated Plot Plan for CBO's review and approval.
- Issued the Small Bore Valve Specification for CBO's review and approval.
- Issued the General Service Butterfly Valve Specification for CBO's review and approval.
- Issued Diesel/UPS Generator Specification for CBO's review and approval.
- Issued DCS Specification and drawings for CBO's review and approval.

- Issued Soil & Water-15 (Channel Maintenance Plan) for CEC's review and approval.
- Issued Halfen Sealed Calculations for CBO's review and approval.
- Issued Specifications for Heat Collection Elements for CBO's review and approval.
- Issued Cantilever Arm Design for CBO's review and approval.

During April, the master CBO submittal log was updated by KPE and posted to the CBO's website. To reduce the size of the exhibits attached to this MCR, PVSI refers the CEC CPM directly to this website to review the updated master CBO submittal log online.

Engineering activities ***planned*** for May 2011 include:

- Issue Soil and Water-11, 12, 13 & 14 for CBO's review and approval.
- Issue VIS-01 (Surface Treatment Plan) for CBO's review and approval.
- Re-issue shared facilities grading plan for CBO's review and approval.
- Re-issue phase 1a clearing and grubbing for CBO's review and approval.
- Re-issue water balance for CBO's review and approval.
- Re-issue plot plan for CBO's review and approval.

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

- Procured 16,000 LF of Tortoise Fence and Materials

Procurement activities ***planned*** for May 2011 include:

- Continue to purchase tortoise fencing material.
- Continue to purchase sediment control BMPs (Silt Fence).

Construction. The following section discusses the construction activities conducted during April 2011 and those planned for May 2011. Representative photographs of the construction activities performed during the reporting period are included in Exhibit 3. 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:

- Installed 12,060 LF of Desert Tortoise Fence & 8,060 LF of Silt Fence.

- Continued dust control activities.
- Continued clear and grub activities.
- Completed large tree removal in Shared Services Area.
- Surveyed: As-built of Fence Installed in Solar Field 1A.

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

- Continue installation of Desert Tortoise Fence & Silt Fence on Main Plant Road.
- Continue dust control activities.
- Continue clear and grub activities.
- Complete application of Soil Cement in Phase 1a-Unit 1 area.
- Begin the installation of Check Dams on the Main Plant Road

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 is 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 copy of the updated matrix is included in Exhibit 4.

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

Date	To	Condition	Subject
04/04/11	CEC	BIO-07	Biological Opinion
04/08/11	CEC	S&W-15	Channel Maintenance Plan
04/12/11	CEC	BIO-24	Golden Eagle Survey
04/12/11	CEC	CUL-06	Magnetometery Ground Truthing Study
04/12/11	CEC	CUL-06	CA-RIV-3419 - Conf mail from Scott Galati to CEC
04/12/11	CEC	BIO-09	Desert Tortoise Relocation Translocation Plan

04/12/11	CEC	BIO-13	Final Raven Management Plan
04/12/11	CEC	BIO-14	Weed Management Plan
04/19/11	CEC	COM-06	MCR #5 March 2011
04/20/11	CEC	CUL-03	Additional Archeological Monitors

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 ACQMM's monthly report is included in Exhibit 5, 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 5.

- AQ-SC03 (Construction Fugitive Dust Control): The onsite construction well continues to produce water for dust control. Trenching, fencing, 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. Also, this month KPC began the application of Soil Sement in the Unit #1 Solar Field as per AQ-SC3(b) with a BLM approved non-toxic soil stabilizer. KPC does not plan to enter the Unit #1 Solar Field anytime soon and instead of using water for dust control, and therefore decided to apply Soil Sement on the unpaved road.

- 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. See the attached equipment log and emissions documentation. Please note that the new 8M water truck is a Tier II piece of equipment. Kiewit contacted various equipment rental companies in search for a Tier III articulated 8,000 gal water truck and was unsuccessful, Kiewit as well does not own any such water truck. Kiewit contacted B&B Equipment Rental which only had Tier I Water Pulls which were not available and not articulated trucks. Kiewit also contacted Empire Cat which only had 621 water pulls and are not articulated. MR Tudor was the only company with an 8,000 gal articulated water truck with a Tier II engine. Thus, KPC did there due diligence in searching for an adequate water truck that would satisfy all requirements.

- 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 6.
- BIO-06: During April, the total number of personnel who received the Construction Worker Environmental Awareness Training was 16. The number of personnel who have received the training to date is 211. Copies of the Worker Environmental Awareness Program (WEAP) training sign-in sheets for the monthly reporting period are included in Exhibit 7.
- BIO-07 (Implementation of Biological Resources Mitigation Implementation and Monitoring Plan [BRMIMP]): The DB's monthly report is included in Exhibit 6.
- 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 6).
- BIO-09: This condition requires that the DB/BM provide documentation of Desert Tortoise clearance surveys and fencing installation during the monthly reporting period. This information is included in the DB's monthly report (see Exhibit 6).
- BIO-11: Desert Tortoise compliance verification activities conducted during the reporting period are described in the DB's monthly report included in Exhibit 6.
- 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 6).
- 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 6).

- 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 6).
- COM-05: A copy of the updated compliance matrix is included in Exhibit 4.
- CIVIL-01: Received final approval from the CBO on Access Road drawings. The CBO approval letter is included in Exhibit 8.
- CUL-15: During April, the total number of personnel who received the Construction Worker Environmental Awareness Training was 16. The number of personnel who have received the training to date is 211. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Exhibit 7.
- CUL-16: Daily monitoring reports were provided by the Cultural Resources Specialist (CRS) to the CEC electronically during April. The CRS's monthly report for the reporting period is included in Exhibit 6.
- GEN-02: In accordance with this condition, an updated master submittal log is available online via the CBO's website for the BSPP.
- GEN-03: PVSI's payments to the CBO during April were in the amount of $ 71,667.41.
- GEN-06: There were no activities requiring special inspection for April.
- 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.
- HAZ-01: The Hazardous Area Classification Review and the Hazardous Area Classification Overall Plan (EA-001) were submitted to the CBO for review in March 2011 and this review is currently on hold pending input from CEC consultant Dr. Alvin Greenberg.
- MECH-01: Closed Cooling Water P&ID's, Condensate P&ID's, and Specifications for Chemical Feed Systems, all received Conditional Approval from the CBO in April. Additional Mechanical plans, specifications and calculations are currently being prepared for review and approval by the CBO. Transmittal letters and CBO approval letters are included in Exhibit 10.

- PAL-04: During April, the total number of personnel who received the Construction Worker Environmental Awareness Training was 16. The number of personnel who have received the training to date is 211. Copies of the WEAP training sign-in sheets for the monthly reporting period are included in Exhibit 7.
- PAL-05: The Paleontological Resource Specialist's monthly report for the reporting period is included in Exhibit 6.
- PAL-06: Any signed contracts or agreements executed during the monthly period are referenced in the paleontological resource specialist's monthly report (see Exhibit 6).
- S&W-01: During the month of April there was no precipitation. 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 8). A Daily Water Usage Log is included in Exhibit 9.
- S&W-15: The Channel Maintenance Plan was submitted to the CEC for review and approval.
- STRUCT-01: Issued Drilled Pier drawings, Halfen Sealed calculations for review, Cantilever Arm design for CBO review. Additional structural plans, specifications and calculations are currently being prepared for review and approval by the CBO. Transmittal letters and CBO approval letters are included in Exhibit 10.
- STRUC-03: No design changes have been filed with the CBO.
- STRUC-04: Transmittal and CBO approval letters are included in Exhibit 10.
- TRANS-03: No heavy haul permits were obtained from Caltrans or Riverside County during April.
- TRANS-04: No encroachment permits were received from Caltrans or Riverside County during April. Kiewit is currently preparing the encroachment permit submittal package for Black Rock Road.
- TRANS-06: No hazardous materials transportation permits were received from Caltrans during April.
- 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: No applicable to this reporting period.

- Worker Safety-03: A copy of site construction safety supervisor's (CSS) safety report for April is included in Exhibit 12.
- Worker Safety-04b: A copy of the CBO safety monitor's report for April is included in Exhibit 13.

Submittal Deadlines Not Met. None.

Approved Changes to Conditions of Certification. None.

Filings or Permits Issued by Other Governmental Agencies. None.

Projected Compliance Activities for May 2011/June 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 May or June MCRs:

- BIO-07b: Final BRMIMP
- BIO-15a: Avian Protection Plan
- S&W-04b: Semi-Annual water usage report
- S&W-11: Revised Drainage Report
- S&W-12: Detailed hydraulic analysis utilizing FLO-2D
- S&W-14: Revised preliminary Grading and Drainage Plans
- VIS-01: Surface Treatment 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.

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Exhibit 1
Project Summary Schedule

Early Works 3-Week Look Ahead

Blythe Solar Power Project — **5/8/2011**

Work	Crew	3 Week Look-Ahead																					Week 4
		W	*Th*	*F*	*S*	*M*	*T*	*W*	*Th*	*F*	*SS*	*M*	*T*	*W*	*Th*	*F*	*SS*	*M*	*T*	*W*	*Th*	*F*	
		4-May	*5-May*	*6-May*	*8-May*	*9-May*	*10-May*	*11-May*	*12-May*	*13-May*		*16-May*	*17-May*	*18-May*	*19-May*	*20-May*		*23-May*	*24-May*	*25-May*	*26-May*	*27-May*	*30-May - 3-Jun*
Well Site																							
Survey																							
Tortoise Fence / Silt Fence																							
Misc.																							
Main Plant Rd																							
Survey																							
Tortoise Fence / Silt Fence Main Plant Road	KPC (7)	Installed 600LF of DT on Westside	Installed 800LF of DT on Westside and 100LF of TF & SF on Eastside	Installed 700LF of DT & SF on Eastside		Installed 600LF of DT & SF on Eastside	Installed 630LF of DT & SF on Eastside	Install TF on Westside		Install TF & SF on Eastside		Install TF & SF on Eastside		Pothole Waterline	Install TF on Westside			Install TF on Westside	Install TF on Eastside			Install TF on Westside	Install TF & SF
Tortoise Fence / Silt Fence (Unit 1 - Solar Field)																		Install Check Dams @ MPR					Install Check Dams @ MPR
Civil														Repair Soft Spots									
Misc.																							
Subs/ Suppliers																							
Deliveries				Fence Material																			

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

Monthly Compliance Report #6

Exhibit 2
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

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Exhibit 3

Construction Photographs

Soil Sement application on the inside perimeter of Solar Field 1A

Monthly safety recognition BBQ with the entire Blythe team

First “Pop-Out” fence installation for future box culvert install

East and West side backfill on Main Plant Road

Fence tensioning activity on Eastside of Main Plant Road

Large tree removal activity in Shared Services Area

16,000 LF of Tortoise fence and material delivery

Delivery of new 8M water truck for better dust control.

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Exhibit 4
Compliance Matrix

BLYTHE SOLAR POWER PROJECT COMPLIANCE MATRIX BASED ON CEC FINAL DECISION, BLM ROD & ROW GRANT, USFWS BO

Recurring

S=Satisfied AR=As required O=Ongoing

Sort Code Legend: Pre-Cons | Construction | Post Construction | Comm | Ops | Submitted to CEC/BLM | Needs Follow Up with CEC | Approved by CEC/BLM

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
					CUL-05a	PC	Prior to the start of ground disturbance, the project owner shall submit to the CPM for review and approval the CRMMP, as prepared by or under the direction of the CRS, with the contributions of the PPA, and the PHA. The authors' name(s) shall appear on the title page of the CRMMP. (See Condition Items 1-12 to be included in CRMMP.) Copies of the CRMMP shall reside with the CRS, alternate CRS, the PPA, and the PHA, each CRM, and the project owner's on-site construction manager. **No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.** Prior to certification, the project owner may have the CRS, alternate CRS, the PPA, and the PHA complete and submit to CEC for review the CRMMP, except for the portions to be contributed by the PTNCL and the DTCCL programs. Refer to condition for required elements of CRMMP, plus CUL-06.	Owner shall submit the CRMMP to the CPM for review and approval.	At least 90 (no less than 30) days prior to the start of ground disturbance	10/13/10	AECOM	Owner	8/14/10	9/28/10	9/17/2010 2010-025 12/15/10 2010-162 01/05/11 2011-169	Final version resubmitted via email on 1/5/11. Pending CEC approval.
					CUL-06a	PC	Owner shall ensure that the CRMMP includes a PQAD evaluation and data recovery plan, to identify buried additional potential contributors to the district by geophysical or mechanical survey, to investigate and establish the relationships among all potential contributors by formulating research questions answerable with data from the contributors, conduct data recovery from a sample of the contributors, and write a report of investigations and possibly CRHR and NRHP nominations as well. The potential contributors include quarry sites CA-Riv-2846 and CA-Riv-3419 and thermal cobble features SMB-P-434, SMB-P-436, SMB-P-437, SMB-P-438, SMB-P-440, SMB-P-441. This site list may be revised only with the agreement of the CRS and the CPM. The CRMMP shall also include a detailed data recovery plan for three isolated potential thermal cobble features (not included in the PQAD) at multi-component sites SMB-H-164, SMB-M-214, SMB-M-418). The project owner shall ensure that the CRS and the PPA assess the NRHP and CRHR eligibility of the PQAD district. The evaluation and data recovery plan shall also specify in detail the location recordation equipment and methods to be used	Submit the CRMMP. Owner shall ensure that the CRS and the PPA assess the NRHP and CRHR eligibility of the PQAD district. Additionally, if the PQAD is found to be ineligible for both registers, the thermal cobble features' eligibility as a separate archaeological district consisting of a thermal cobble feature cluster must also be considered.	Include as part of CRMIMP required under CUL-5	10/13/10	AECOM	Owner to provide backhoe sub work required to excavate sites	8/14/10	9/28/10	9/17/2010 2010-025 12/15/10 2010-162 01/05/11 2011-169	Final version resubmitted via email on 1/5/11. Pending CEC approval.
					PHS-01 BLM	PC	To protect against UXO-related hazards, the potential presence of UXO should be investigated in geophysical surveys performed by a company with specific expertise in UXO identification, and remnants of munitions or bullets identified during development of the subject property should be removed and disposed of in accordance with applicable LORS (AECOM, 2009).	Submit the plan to the BLM for review prior to the start of construction	No less than 30 days prior to the initiation of construction activities at the site	10/13/10	AECOM	Owner	8/14/10	9/13/10	10/15/2010 2010-099	Approved by BLM per Jim Miggliore's email of 3/21/11
X	X				CUL-11a Phase 1a	CONS	Ensure the CRMMP includes a data recovery plan for the resource type "historic-period refuse sites," consisting of sites (SMB-H-164, SMB-H-166, SMB-H-181, SMB-H-287, SMB-H-288, and SMB-H-423) (SMB-H-164 also has a probable prehistoric thermal cobble feature for which assessment and data recovery would be accomplished under CUL-6.) The focus of the recordation upgrade is to determine if these sites can be attributed to the DTC/C-AMA use of the region and are therefore contributors to the DTCCL. This site list may be revised only with the agreement of the CRS and the CPM. See items 1-8 in the Condition for a description of the specific tasks to be included in plan.	Notify the CPM that mapping and upgraded in-field artifact analysis has ensued on six historic-period refuse scatter sites.	At least 15 days prior to ground disturbance	10/25/10	AECOM	Owner	8/26/10	10/10/10	10/21/10 2010-114 12/13/10 2010-157 SMB-H-166 Letter	Pending CEC approval
X	X				BIO-14a(3)	CONS	FINAL WMP: The WMP submitted by the Applicant shall provide the basis for the final plan, subject to review and revisions from the CPM.	Provide the CPM with the final version of a WMP that has been reviewed and approved by **BLM, CEC, USFWS**, and **CDFG**. Modifications to the approved WMP shall be made only after consultation with the CEC staff, BLM, USFWS, and CDFG.	No less than 10 days prior to start of any Project-related ground disturbance activities	11/2/10	AECOM	AECOM Subcontractor will carry out weed treatment and preventative measures as described in WMP	8/4/10	10/3/10	4/12/2011 2011-193	Agencies have requested revision; in progress Submitted to agencies by AECOM 04/12/2011 Pending CEC Approval
S	X	X	X		CUL-06b	CONS	Notify the CPM that the field recordation of the impacted southwestern portion of the site has ensued.	Submit the required notification to CPM.	At least 5 days prior to the start of BSPP construction-related ground disturbance in the linear facilities corridor impacting site CA-Riv-3419	11/7/10	AECOM	Owner	10/20/10	10/20/10	12/15/10 2010-161 4/12/11 2011-189	4/12/11 Sub pending CEC approval
S	S				CUL-07a	CONS	Ensure the CRMMP includes a data recovery plan for the resource type "small prehistoric sites," consisting of sites CA-Riv-1136, SMB-P-160, SMB-M-214, SMB-P-228, SMB-H-234, SMB-P-238, SMB-P-241, SMB-P-244, SMB-P-249, SMB-P-252, SMB-P-410,SMB-P-530, SMB-P-531, SMB-P-532, SMB-H-CT-001, SMB-H-TC-101,SMB-H-TC-103, and SMB-H-WG-102, This site list may be revised only with the agreement of the CRS and the CPM. The data recovery plan shall include use of the CARIDAP protocol on qualifying sites, how to proceed if features or other buried deposits are encountered, and the materials analyses and laboratory artifact analyses that will be used. See Items 1-17 in Condition for a description of specific tasks to be included	Notify the CPM that data recovery for small sites has ensued.	At least 5 days prior to ground disturbance	11/7/10	AECOM	Owner	9/8/10	10/23/10	10/21/10 2010-114 12/15/2010 2010-160 SMB-M-CT-001 letter	Pending CEC approval

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
	X	X			CUL-10b Phase 1a	CONS	Ensure that the CRS, PHA, and/or archaeological team members implement the data recovery plan.	Implement the plan, if allowed by BLM.	Prior to start of ground disturbance within 30 meters of the site boundaries of each site in Phase 1a	12/1/10	AECOM	Owner	10/2/10	11/16/10	10/21/10 2010-114	Pending CEC approval
1		X			BIO-21a	CONS	BIG HORN SHEEP: To compensate for Project contributions to loss of spring foraging habitat for Nelson's bighorn sheep, the Project owner shall create a new water source for he Southern Mojave metapopulation of bighorn sheep in the McCoy Mountains or in other mountain ranges in the vicinity of the Project north of I-10. The proposed location of the water source shall be developed in consultation with the CPM, BLM, and CDFG. The Project owner shall monitor and manage the artificial or restored water source for the benefit of bighorn sheep for the life of the Project, or shall provide sufficient funding to support such monitoring and management by an approved third party.	Submit required documentation to CPM for review and approval. Note: we are going giving land.	No later than 6 months following publication of the Energy Commission Decision	3/14/11	Owner	Wildlands	1/13/11	2/12/11		NT drafting letter to CEC
	X	X	X	X	BIO-12a	CONS	DT COMPENSATORY MITIGATION: To fully mitigate for habitat loss and potential take of desert tortoise, the project owner shall provide compensatory mitigation at a 1:1 ratio for impacts to 6,958 acres, adjusted to reflect the final project footprint. If compensation lands are acquired, the Project owner shall submit a formal acquisition proposal to the CPM, CDFG, USFWS, and BLM describing the parcel(s) intended for purchase. This acquisition proposal shall discuss the suitability of the proposed parcel(s) as compensation lands for desert tortoise in relation to the criteria set forth in BIO-12 (1)(a)-(h).	Submit the acquisition proposal to **CPM, CDFG, USFWS, and BLM** describing the parcel(s) intended for purchase and obtain their approval for acquisition of all parcels comprising the compensation lands.	90 days prior to acquisition of the property	3/15/11	Owner	Wildlands	12/15/10	2/13/11		M. Cressner has stated the package will go to CDFG first for review, by 3/15/11. Then to other agencies after CDFG comments have been incorporated.
					BIO-24a(2)	CONS	GOLDEN EAGLE ANNUAL SURVEY: During each year of construction, conduct an inventory to determine if golden eagle territories occur one miles of the Project boundaries.	Submit a report to the **CPM, CDFG**, and **USFWS** documenting the results of the **2011** inventory.	No fewer than 30 days from completion of the golden eagle inventory	3/15/11	AECOM	Owner	1/14/11	2/13/11		Survey has been conducted; negotiating with CEC on whether followup service needs to be conducted
1					S&W-05h(1)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations	30 days following the end of the quarter, during construction	3/30/11	AECOM	Owner	1/29/11	2/28/11	3/15/11 2011-181	included in final baseline on 3/15/11
1					S&W-15a	CONS	Coordinating with the CPM, develop a Channel Maintenance Program that provides long-term guidance to implement routine channel maintenance projects and comply with conditions of certification in a feasible and environmentally-sensitive manner. The Channel Maintenance Program will be a process and policy document prepared by the Project owner, reviewed by the CPM. The Channel Maintenance Program shall include the specific information set forth in items A-E in the condition	Submit two copies of the programmatic documentation, describing the proposed Channel Maintenance Program, to the CPM for review and approval. The Project owner shall carry out the specific tasks set forth in the verification language of the condition.	At least 60 days prior to the start of any project-related site disturbance activities (excluding linear construction)	4/8/11	EPC	AECOM			4/8/2011 2011-194	Pending Approval from the CEC
	X	X	X	X	CUL-06d	CONS	Submit, for the review and approval of the CPM, the precise geographic coordinates of the provisional boundary of the PQAD and a stratified random sample for a broader magnetometry survey of 10 percent of the PQAD within the project boundaries (maximum of 2 acres) or a stratified random sample for a mechanical subsurface survey of 2.5 percent of the PQAD located inside the project's boundaries.	Refer to condition 1. - 8. for requirements.	At least 90 days prior to the start of BSPP construction-related ground disturbance in Units 1 east of Historic Road SMP-H-01	4/30/11	AECOM	Owner	10/20/10	11/1/10		
	S	S	S	S	BIO-07b	CONS	Provide the final BRMIMP to the CPM. No construction-related ground disturbance, grading, boring or trenching may occur prior to approval of the final BRMIMP by the CPM.	Any changes to the approved BRMIMP must be approved by the CPM and in consultation with CDFG and USFWS. **[Need to provide an updated BRMIMP that reflects amended BO and updated Weed, Raven, and DT Plans.]**	at least 7 days prior to the start of any construction-related ground disturbance, grading, boring, or trenching	5/1/11	AECOM	Owner				BRMIMP needs to be updated to reflect amended BO
	AR	AR	AR	AR	BIO-07c	CONS	If any permits have not yet been received when the final BRMIMP is submitted, these permits shall be submitted to the CPM, and the BRMIMP shall be revised or supplemented to reflect the permit conditions.	Submit the permits to the CPM. **[Amended BO will need to be submitted under this condition.]**	within 5 days of their receipt	5/1/11	AECOM	Owner	As required	As required	4/4/11 2011-192	Submitted the amended BO to CEC on 04/04/11
1		X			BIO-21b(3)	CONS	BIG HORN SHEEP: The Project owner shall submit a formal acquisition proposal to the CPM, CDFG, and BLM describing the parcel(s) intended for purchase. This acquisition proposal shall discuss the suitability of the proposed parcel(s) as compensation lands for the Southern Mojave metapopulation of bighorn in relation to the criteria listed above. Approval from the CPM, in consultation with BLM and CDFG, shall be required for acquisition of all parcels comprising the compensation lands	The Project owner shall submit to the CPM for review and approval a description of the proposed location of the water source that will be created.	No later than 6 months following start of ground disturbing activities	5/3/11	Owner	Wildlands	3/4/11	4/3/11		
1					VIS-04b	CONS	To the extent possible, use proper design fundamentals to reduce the visual contrast to the characteristic landscape. These include proper siting and location; reduction of visibility; repetition of form, line, color (see VIS-1) and texture of the landscape; and reduction of unnecessary disturbance. Design strategies to address these fundamentals will be based on factors described in the condition	Contact the CPM to review the incorporation of the above factors into the final facility and site design plans. If the CPM determine that the site and facility plans require revision, the project owner shall provide to the CPM a revised plan for review and approval by the CPM.	At least 90 days prior to final site and facility design	5/3/11	EPC	AECOM		5/1/11		Quick turn around review time will be required by SMLCC

ACR - Annual Compliance Report; BLM - Bureau of Land Management;
CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

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			X	X	BIO-19r(2)	CONS	SPECIAL STATUS PLANTS: If habitat enhancement is proposed, owner shall obtain CPM approval of the final Habitat Enhancement/ Restoration Plan, prepared in accordance with Section D, and submit to the CPM or a third party approved by the CPM Security adequate for long-term implementation and monitoring of the Habitat Enhancement/Restoration Plan.	Obtain CPM approval of the final Habitat Enhancement Restoration Plan and submit to CPM or 3rd party.	no later than 6 months following the start of ground-disturbing activities	5/11/11	Owner	AECOM	3/12/11	4/11/11		
1					S&W-04b(1)	CONS	Prepare a semi-annual summary of amount of water used for construction purposes. The summary shall include the monthly range and monthly average of daily water usage in gallons per day.	Submit the required documentation to the CPM.	Beginning six months after the start of construction	5/11/11	EPC	Owner	3/12/11	4/11/11		Amandeep will get info from Eric E.
1					VIS-01a	CONS	Treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with (matching) the existing characteristic landscape colors; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be non-specular and non-reflective, and the insulators shall be non-reflective and non-refractive. The treatment plan shall be prepared following in-field consultation with the CEC/BLM Visual Resources specialist and will include the specific items A-E listed in the condition.	Prepare and submit a Surface Treatment Plan according to the condition requirements to the **CPM** for review and approval and simultaneously to **Riverside County** for review and comment. If the CPM determines that the plan requires revision, provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	5/24/11	EPC	Owner	3/25/11	5/1/11		Assembly Hall will be first item installed that requires surface treatment
1					VIS-01b	CONS	The project owner shall not specify to the vendors the treatment of any buildings or structures treated during manufacture, or perform the final treatment on any buildings or structures treated in the field, until the project owner receives notification of approval of the treatment plan by the CPM. Subsequent modifications to the treatment plan are prohibited without CPM approval.	Submit the required Surface Treatment Plan to the CPM for review and approval.	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	5/24/11	EPC	Owner	3/25/11	5/1/11		Doug to talk to Steve Lorenz
2					BIO-15a	OPS	AVIAN PROTECTION PLAN: Prepare and implement an Avian Protection Plan to monitor the death and injury of birds from collisions with facility features such as reflective mirror-like surfaces and from heat, and bright light from concentrating sunlight. The monitoring data shall be used to inform an adaptive management program that would avoid and minimize Project-related avian impacts. The study design shall be approved by the CPM in consultation with CDFG and USFWS, and shall be incorporated into the project's BRMIMP and implemented. The Avian Protection Plan shall include detailed specifications on data and carcass collection protocol and a rationale justifying the proposed schedule of carcass searches. The study shall also include seasonal trials to assess bias from carcass removal by scavengers as well as searcher bias.	Submit to the **CPM, USFWS** and **CDFG** a final Avian Protection Plan. Modifications to the Avian Protection Plan shall be made only after approval from the CPM.	No fewer than 30 days prior to commercial operation of any of the power plant units	5/27/11	AECOM	EPC	4/19/11	4/27/11		
					REC-04 BLM	CONS	The Applicant shall coordinate construction activities and the BSPP construction schedule with the authorized officer for the recreation areas impacted. The Applicant shall schedule construction activities to avoid heavy recreational use periods in coordination with and at the discretion of the authorized officer. The Applicant shall locate construction equipment to avoid temporary preclusion of recreation areas in accordance with the recommendation of the authorized officer. The Applicant shall document its coordination efforts with the authorized officer and provide this documentation to the Lead Agencies and affected jurisdictions at least 30 days prior to construction.	To clarify the method and means that the Applicant shall use to communicate with the public and affected jurisdictions about the Blythe Solar Power Project (see, e.g., BLM-REC-2, BLM REC 4 and OHV 1), the Applicant shall prepare a one-page fact sheet and submit it to the BLM's Palm Springs South Coast Field Office for appropriate distribution. Concerning the "start of construction" as used in BLM-REC-4, -REC-5 and OHV-1, the BLM did not intend to extend the pre-construction schedule by imposing 60 days' advance notice and, instead, is amenable to the correction to a 15-day requirement as proposed by the Applicant in its September 10, 2010, comment letter on the PA/FEIS.	No less than-15 days prior to construction	5/31/11	Owner				Fact sheet submitted to BLM on 10/10/10 via email by Jim Migliore	Approved by BLM per Jim Miggliore's email of 3/21/11
1			X		BIO-28b	CONS	Prior to initiating Phase 1b of construction the project owner shall submit the actual construction schedule, a figure depicting the locations of proposed construction and amount of acres to be disturbed for that phase to CDFG, USFWS and BLM for review and to the CPM for review and approval. The description for each phase shall include the proposed construction schedule, a figure depicting the locations of proposed construction and amount of acres of each habitat type to be disturbed.	The tables in the Condition shall be refined prior to the start of Phase 1b with the disturbance area adjusted to reflect the final project footprint for the phase. Prior to initiating Phase 1b construction the project owner shall submit the actual construction schedule, a figure depicting the locations of proposed construction and amount of acres to be disturbed for that phase to CDFG, USFWS and BLM for review and to the CPM for review and approval. The description for Phase 1b shall include the proposed construction schedule, a figure depicting the locations of proposed construction and amount of acres of each habitat type to be disturbed.	No less than 30 days prior to the start of desert tortoise clearance surveys for each phase	6/2/11	AECOM	EPC	4/3/11	5/3/11		
	S	X	X	X	S&W-10 BLM	CONS	Identify likely decommissioning scenarios and develop specific decommissioning plans for each scenario that will identify actions to be taken to avoid or mitigate long-term impacts related to water and wind erosion after decommissioning. Actions may include such measures as a decommissioning SWPPP, revegetation and restoration of disturbed areas, post-decommissioning maintenance, collection and disposal of project materials and chemicals, and access restrictions.	Submit a decommissioning plans to the CPM for review ***and to BLM's Authorized Officer for review and approval*** . Amend these documents as necessary, with approval from the CPM, should the decommissioning scenario change in the future.	At least 30 days prior to site mobilization or alternate date agreed to with BLM	6/2/11	AECOM	Owner	6/1/10	5/3/11	10/04/10 CEC 2010-060 BLM 2010-060	Per Jim's 3/21 email, action has been completed for EWA, but still have to develop the plan/process for remaining 6,785 acres onsite.

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CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

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		S	X	X	S&W-11	CONS	Provide a revised Drainage Report which includes the additional info set forth in items A-D in the condition.	Submit a Revised Project Drainage Report for Phase 1B with the 30 percent Grading and Drainage Plans to the CPM for their review and comments sixty (60) days before project mobilization. The project owner shall address comments provided by the CPM until approval of the report is issued. All comments and concepts presented in the approved Revised Project Drainage Report with the 30 percent Grading and Drainage Plans shall be included in the final Grading and Drainage Plans. The Revised Project Drainage Report and 30 percent Grading and Drainage Plans shall be	60 days prior to site mobilization	6/2/11	EPC	AECOM		5/23/11	9/15/2010 2010-021	Approved by CEC for Phase 1a on 2/28/11; 4/5/11: NT to send Kiewit list of CEC's requests re: revisions to drawings.
		S	X	X	S&W-12	CONS	Provide a detailed hydraulic analysis utilizing FLO-2D which models pre- and post-development flood conditions for the 10-, 25- and 100-year storm events. The post-development model must include all proposed collector channels, end diffuser structures and berms. See Condition for info on how the methods and results of the analysis shall be fully documented in a Technical Memorandum or in the revised Project Drainage Report. The results of this analysis will be used for design of the 30 percent project grading and drainage plans.	Submit a detailed FLO-2D analysis for Phase 1B to the CPM for review and comments with the 30 percent plan Grading and Drainage Plans and revised Project Drainage Report required in Soil&Water-11. Project owner will address comments provided by the CPM until approval of the analysis is issued.	60 days prior to site mobilization	6/2/11	EPC	AECOM		5/31/11	9/20/2010 2010-029	Approved by CEC for Phase 1a on 2/28/11; 4/5/11: NT to send Kiewit list of CEC's requests re: revisions to
		S	X	X	S&W-13a	CONS	All collector and conveyance channels shall be constructed consistent with Riverside County Flood Control and Water Conservation District (RCFCWCD) guidelines where applicable. Grade control structures shall be utilized where needed to meet channel velocity and Froude number requirements. Channels shall be sized along discreet sections based on the results of the detailed FLO-2D analysis described in SOIL&WATER-12.	Prepare preliminary, 30% channel design drawings for Phase 1B and submit two copies for CPM review and comment. The preliminary design drawings shall be submitted at the same time as the Revised Project Drainage Report, SOIL&WATER-11 and FLO 2D Analysis in SOIL&WATER- 12. Update and modify as necessary to obtain CPM approval.	60 days prior to site mobilization	6/2/11	EPC	Owner		5/23/11	9/15/2010 2010-021	Approved by CEC for Phase 1a on 2/28/11; 4/5/11: NT to send Kiewit list of CEC's requests re: revisions to
		S	X	X	S&W-13b	CONS	All grade control and drop structures shall have adequate toe-down to account for the design drop plus two additional feet to account for potential downcutting of the channel over time. Channel confluence design must be given special consideration, especially as the preliminary Grading and Drainage Plans show 90 degree angles of confluence at nearly all locations. The issues of confluence hydraulics and potential scour shall be specifically addressed in the revised Drainage Report. Offsite flows shall discharge directly into collector channels following the natural drainage patterns. The possible exception to this design approach is discussed in SOIL&WATER-14 (F).	Prepare preliminary, 30 percent channel design drawings for Phase 1B and submit two copies for CPM review and comment. The preliminary design drawings shall be submitted at the same time as the Revised Project Drainage Report, SOIL&WATER-11 and FLO 2D Analysis in SOIL&WATER- 12. Update and modify as necessary to obtain CPM approval.	60 days prior to site mobilization	6/2/11	EPC	Owner		5/23/11	9/15/2010 2010-021	Approved by CEC for Phase 1a on 2/28/11; 4/5/11: NT to send Kiewit list of CEC's requests re: revisions to drawings.
		S	X	X	S&W-13c	CONS	The proposed collector channel design must be fully documented in the Grading and Drainage plans and must include the following information: A. Detailed and accurate cut/fill lines demonstrating in plan view how the channel would tie into existing grade and the solar facility. B. Channel cross-sections at 200-foot intervals (or less as required to show all structures/ configurations) showing the channel geometry, existing grade, proposed grade at the facility and how the channel would tie in at on both sides. C. Detailed channel profiles showing existing and finished grades at channel flow line and left and right banks. All drop structures as well as the toe-of soil cement profile must also be shown and fully annotated. The 100-year water surface elevation will be provided on all profiles. D. Typical sections and design details for all discreet channel sections, drop structures, channel confluences, flow dispersion structures and other relevant drainage features. E. Consistent nomenclature and stationing on all plans, sections, profiles and details.	Prepare preliminary, 30 percent channel design drawings for Phase 1B and submit two copies for CPM review and comment. The preliminary design drawings shall be submitted at the same time as the Revised Project Drainage Report, SOIL&WATER-11 and FLO 2D Analysis in SOIL&WATER- 12. Update and modify as necessary to obtain CPM approval.	60 days prior to site mobilization	6/2/11	EPC	Owner		5/23/11	9/15/2010 2010-021	Approved by CEC for Phase 1a on 2/28/11; 4/5/11: NT to send Kiewit list of CEC's requests re: revisions to drawings.
		S	X	X	S&W-14	CONS	Provide revised preliminary Grading and Drainage Plans which incorporate the terms and information as listed in Items A-K of the Condition for the channels designated as North, West, South, Southeast and Central on the existing plans.	The required information and criteria for Phase 1B shall be incorporated into the Grading and Drainage Plans and with all subsequent submittals as required in SOIL&WATER-11 and SOIL&WATER-12. Address all comments related to the channel erosion protection design through final plan approval.	60 days prior to site mobilization	6/2/11	EPC	Owner		5/23/11	9/15/2010 2010-021	Approved by CEC for Phase 1a on 2/28/11; 4/5/11: NT to send Kiewit list of CEC's requests re: revisions to
1					S&W-15b	CONS	The project owner shall supervise the implementation of a Channel Maintenance Program in accordance with conditions of certification.	Provide written notification that they plan to adopt and implement the measures identified in the approved Channel Maintenance Program.	At least 60 days prior to the start of any project-related site disturbance activities (excluding linear construction)	6/2/11	Owner	EPC	4/3/11	5/3/11		
					S&W-15c(1)	CONS	The project owner shall ensure the Project Construction Managers receive training on the Channel Maintenance Program	Provide written notification that they plan to adopt and implement the measures identified in the approved Channel Maintenance Program.	At least 60 days prior to the start of any project-related site disturbance activities (excluding linear construction)	6/2/11	Owner	EPC	4/3/11	5/3/11		

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1			X	X	BIO-10a	CONS	DT RELOCATION/TRANSLOCATION PLAN: Develop and implement a final Desert Tortoise Relo/Translo Plan that is consistent with current USFWS approved guidelines, and meets the approval of the CPM. The Plan shall include guidance specific to each of the three phases of Project construction, as described in BIO-28 (Phasing), and shall include measures to minimize the potential for repeated translocations of individual desert tortoises. The goals of the Desert Tortoise Relocation/Translocation Plan shall be to relocate or translocate all desert tortoises from the Project site to nearby suitable habitat; minimize impacts on resident desert tortoises outside the Project site; minimize stress, disturbance, and injuries to relocated/translocated tortoises; and assess the success of the relocation/translocation effort through monitoring. The final Plan shall be based on the draft Desert Tortoise Relo/ Translo Plan prepared by the Applicant and shall include all revisions deemed necessary by BLM, USFWS, CDFG and CEC staff.	Provide the CPM with the final version of a Desert Tortoise Relocation/Translocation Plan that has been reviewed and approved by the CPM in consultation with BLM,USFWS and CDFG. All modifications to the approved Plan shall be made only after approval by the CPM in consultation with the BLM, USFWS and CDFG. **CLARIFICATION PROVIDED BY USFWS IN BIOLOGICAL OPINION, PAGE 9:** The final Desert Tortoise Relocation/Translocation Plan will incorporate the Service's desert tortoise translocation guidance (Service 2010b) and subsequent project-specific guidance, as appropriate for the BSPP project, and must be approved by the Service prior to the initiation of any ground-disturbing construction activities associated with Phases 1b or 2 or prior to translocation of any desert tortoises found in Phase 1a, whichever occurs first.	Prior to initiation of any ground disturbing activities for Phase 1b or 2	6/15/11	AECOM	EPC will erect temporary DT exclusion fencing as required within project site; TBD if EPC can assist with these efforts for areas outside the project site area	4/16/11	5/16/11	10/01/10 2010-057 10/22/2010 submitted DB letter re: status of final plan 04/12/11 2011-190	Pending CEC and Agency approvals
1					WORKER SAFETY-09b	CONS	Owner shall participate in annual joint training exercises with the Riverside County Fire Department (RCFD). Owner shall coordinate this training with other Energy Commission-licensed solar power plants within Riverside County such that this project shall host the annual training on a rotating yearly basis with the other solar power plants.	In each January Monthly Compliance Report during construction include the date, list of participants, training protocol, and location of the annual joint training.	Include in January MCR during construction	6/15/11	EPC	Owner	4/16/11	5/16/11		**Aman will follow up with RCFD**
	X	X	X	X	CUL-06e	CONS	Ensure that the PPA completes the preliminary report on the formal inventory of the PQAD prepared by or under the direction of the CRS, and selection of separate samples for the data recovery excavation of 10 PQAD thermal cobble features, and four block exposures to reveal intact buried land surfaces there. Results of the formal inventory, as set out in the preliminary report, shall be the basis for the refinement of the provisional district boundary.	Ensure that the preliminary report is a concise document that provides descriptions of the schedule and methods of the inventory field effort, a preliminary tally of the numbers and, where feasible, the types of archaeological deposits that were found, a discussion of the potential range of error in that tally, and a map of the locations of the found archaeological deposits that has topographic contours and the project site landform designations as overlays	At least 30 days prior to the start of BSPP construction-related ground disturbance in Units 1 east of Historic Road SMB-H-01	6/30/11	AECOM	Owner	10/20/10	12/28/10		
	X	X	X	X	CUL-06f	CONS	Notify the CPM that the CRS has initiated the data recovery phases of the data recovery program and submits, for the review and approval of the CPM, a preliminary report of the results.	Submit the required notification to the CPM.	At least 30 days prior to the start of BSPP construction-related ground disturbance in Units 1 east of Historic Road SMB-H-01	6/30/11	AECOM	Owner	TBD	TBD		Stacy will populate dates once she recieves approval from George
1			X		CUL-08a	CONS	Ensure the CRMMP includes a data recovery plan for the resource type "historic-period archaeological sites with features," consisting of sites SMB-H-143, SMB-H-163, SMB-H-203, SMB-H-205, SMB-H-207, SMB-H-210, SMB-H- 222, SMB-H-223, SMB-H-245, SMB-H-247, SMB-H-250, SMB-H-251, SMB-H- 409, SMB-H-411, SMB-H-416, and SMB-H-419. This site list may be revised only with the agreement of the CRS and the CPM. The data recovery plan shall include how to proceed if features or other buried deposits are encountered and the materials analyses and laboratory artifact analyses that will be used. See Items 1-10 in Condition for a description of specific tasks to be included in plan.	Notify the CPM that mapping and in-field artifact analysis has ensued on historic-period sites with features.	At least 5 days prior to ground disturbance for Phase 1b	6/30/11	AECOM	Owner	TBD	TBD		
			X		CUL-08b	CONS	Ensure that the CRS, PHA, and/or archaeological team members implement the data recovery plan.	Implement the plan, if allowed by BLM.	Prior to start of ground disturbance within 30 meters of the site boundaries of each site in Phase 1b	6/30/11	AECOM	Owner	TBD	TBD		
1			X		CUL-09a	CONS	Ensure the CRMMP includes a data recovery plan for the resource type "historic-period archaeological sites with structures," consisting of sites (SMB-H-404, SMB-H-432, and SMB-H-514) This site list may be revised only with the agreement of the CRS and the CPM. The data recovery plan shall include how to proceed if features or other buried deposits are encountered and the materials analyses and laboratory artifact analyses that will be used. The plan shall also specify in detail the location recordation equipment and methods to be used and describe any anticipated post-processing of the data.	Owner shall notify the CPM that mapping and in-field artifact analysis has ensued on historic-period sites with structures.	At least 5 days prior to ground disturbance	6/30/11	AECOM	Owner	TBD	TBD		
			X		CUL-09b	CONS	Ensure that the CRS, the PHA, and/or archaeological team members implement the plan, which shall include, but is not limited to Condition requirements 1.-11.	Implement the plan, if allowed by BLM.	Prior to the start of ground disturbance within 30 meters of the sites boundaries of each of these sites	6/30/11	AECOM	Owner	TBD	TBD		
1			X		CUL-10a Phase 1b	CONS	Ensure the CRMMP includes a data recovery plan for the resource type "historic-period dump sites," consisting of sites (SMB-H-171, SMB-H-224, SMB-H 403, and SMB-H-427 on the proposed plant site) impacts to the latter cannot be avoided by spanning. This site list may be revised only with the agreement of the CRS and the CPM. See Items 1-9 in Condition for a description of the specific tasks to be included in plan.	Notify the CPM that mapping and in-field artifact analysis has ensued on historic-period dump sites.	At least 15 days prior to ground disturbance for Phase 1b	6/30/11	AECOM	Owner	TBD	TBD		
			X		CUL-10b Phase 1b	CONS	Ensure that the CRS, PHA, and/or archaeological team members implement the data recovery plan.	Implement the plan, if allowed by BLM.	Prior to start of ground disturbance within 30 meters of the site boundaries of each site in Phase 1b	6/30/11	AECOM	Owner	TBD	TBD		

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DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
1			X		CUL-11a Phase 1b	CONS	Ensure the CRMMP includes a data recovery plan for the resource type "historic-period refuse sites," consisting of sites (SMB-H-164, SMB-H-181, SMB-H-287, SMB-H-288, and SMB-H-423) (SMB-H-164 also has a probable prehistoric thermal cobble feature for which assessment and data recovery would be accomplished under CUL-6.) The focus of the recordation upgrade is to determine if these sites can be attributed to the DTC/C-AMA use of the region and are therefore contributors to the DTCCL. This site list may be revised only with the agreement of the CRS and the CPM. See items 1-8 in the Condition for a description of the specific tasks to be included in plan.	Notify the CPM that mapping and upgraded in-field artifact analysis has ensued on six historic-period refuse scatter sites.	At least 15 days prior to ground disturbance	6/30/11	AECOM	Owner	TBD	TBD	10/21/10 2010-114	
			X		CUL-11b Phase 1b	CONS	Ensure that the CRS, PHA, and/or archaeological team members implement the data recovery plan.	Implement the plan, if allowed by BLM.	Prior to start of ground disturbance within 30 meters of the site boundaries of each site	6/30/11	AECOM	Owner	TBD	TBD	10/21/10 2010-114	
					COM-Fee	CONS	Payment of the first compliance fee is due after the Commission's decision.	Compliance fee $25,000 subject to esclation rates) is due every year, both during construction and operations.	Following project approval	7/1/11	Owner		5/2/11	6/16/11		2010 fee was paid on 9/15/10; 2011 fee due July 2011.
					S&W-07b	CONS	The project owner shall pay the annual waste discharge permit fee associated with this facility to the Water Boards. In addition, the Water Boards may "prescribe" these requirements as waste discharge requirements pursuant to Water Code Section 13263 solely for the purposes of enforcement, monitoring, inspection, and the assessment of annual fees, consistent with Public Resources Code Section 25531, subdivision (c).	Submit the renewal application and annual permit fee for the low threat discharge permit to the RWQCB and provide copy to CEC.	Annually	7/1/11	AECOM	EPC	5/2/11	6/1/11		
1	X	X	X	X	BIO-12d	CONS	REAT IN-LIEU FEE: In-lieu of acquiring lands itself, the project owner may satisfy the requirements of this Condition by depositing funds into the Renewable Energy Action Team (REAT) Account established with the National Fish and Wildlife Foundation (NFWF), as provided below in section 3.i. of this Condition. The Project owner may elect to fund the acquisition and initial improvement of compensation lands through NFWF by depositing funds for that purpose into NFWF's REAT Account.	Initial deposits for this purpose, which includes a NFWF administrative fee, must be made in the amounts of $2,465,611 for Phase 1a, $9,481,161 for Phase 1b, and $10,105,186 for Phase 2.	At least 30 days prior to the start of ground-disturbing activities for each phase.	7/2/11	Owner	Wildlands	4/3/11	6/2/11		SMECC is acquiring lands and will not likely use REAT option.
			X	X	BIO-12f	CONS	DT MITIGATION SECURITY PHASE 1B: If the mitigation actions required under this condition are not completed prior to the start of ground-disturbing activities, the Project owner shall provide the CPM and CDFG, with copies to BLM, and USFWS with an approved form of Security no later than 30 days prior to beginning Project ground-disturbing activities.	The Project Owner shall provide the CPM and CDFG with an approved form of Security for Phase 1B and 2. Security shall be provided in the amount of $9,248,560 for Phase 1B and $9,859,984 for Phase 2.	At least 30 days prior to the start of ground-disturbing activities	7/2/11	Owner	AECOM	4/3/11	6/2/11		
			X	X	BIO-19k(1)	CONS	SPECIAL STATUS PLANTS: If compensatory mitigation is required, owner shall submit to the CPM the form of Security adequate to acquire compensatory mitigation lands and/or undertake habitat enhancement or restoration activities, as described in this condition. Actual Security shall be provided 7 days prior to start of ground-disturbing activities.	Provide form security to CPM.	no less than 30 days prior to the start of ground-disturbing activities	7/2/11	Owner		5/3/11	6/2/11		
			X	X	BIO-19k(2)a	CONS	SPECIAL STATUS PLANTS: Provide form of security for each phase.	Provide required documentation.	30 days prior to the start of ground-disturbing activities	7/2/11	Owner		5/3/11	6/2/11		
					BIO-20b(1)	CONS	SAND DUNE/FRINGE-TOED LIZARD MITIGATION: Provide written verification of approved form of Security in accordance with this condition of certification.	Provide required documentation.	30 days prior to the start of ground-disturbing activities	7/2/11	Owner					
		X			BIO-21b(2)	CONS	As an alternative to providing a water source as described above, the Project owner may elect to secure compensatory mitigation lands that would offset the loss of spring foraging habitat (desert dry wash woodland, vegetated swales, and unvegetated washes) for Southern Mojave metapopuolation Nelson's bighorn sheep. If the Project owner selects this compensatory mitigation option the Project owner shall acquire, in fee or in easement no less than 929 acres of lands that: a. Provide suitable spring foraginge habitat for bighorn sheep in the form of desert dry wash woodland and vegetated swales within intermixed Sonoran creosote bush scrub habitat, and b. ncludes within spring foraging habitat that would benefit the Southern Mojave metapopulation (i.e., north of I-10). Priority acquisition areas would be in eastern Riverside County roughly bounded by Interstate 10, Highway 62, and Highway 177. The terms and conditions of this acquisition or easement shall be as described in BIO-12 (Desert Tortoise Compensatory Mitigation) and the timing associated with BIO-28 (phasing).	If the 929 acres of bighorn sheep mitigation land is separate from the acreage required for desert tortoise compensation lands, the project owner or an approved third party shall complete acquisition of the proposed compensation lands within the time period specified for this acquisition.	No less than 30 days prior to beginning Project ground-disturbing activities	7/2/11	Owner	Wildlands	5/3/11	6/2/11		
			X		BIO-21b(7)	CONS	BIG HORN SHEEP: Provide form of security for Phase 1b	Form of security shall be providedto **CPM** and **CDFG**	no later than 30 days prior to beginning Project ground-disturbing activities	7/2/11	Owner		5/3/11	6/2/11		
1			X		BIO-22a	CONS	MITIGATION FOR IMPACTS TO STATE WATERS: (Phase 1B) Implement the measures set forth in the Items 1-5 of the condition to avoid, minimize and mitigate for direct and indirect impacts to waters of the state and to satisfy requirements of California Fish and Game Code sections 1600 and 1607, including acquire off-site State waters, security for implementation of mitigation, preparation of management plan, compliance with code of regulations, implementation of BMPS, etc. Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that the BMPs will be implemented.	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that the BMPs will be implemented.	No less than 30 days prior to the start of construction-related ground disturbance activities potentially affecting waters of the state	7/2/11	AECOM		6/2/11	6/22/11		Original letter covered Phase 1a; need another letter for Phase 1b

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	X	X	X	X	BIO-22d(1)	CONS	STATE WATERS MITIGATION: Provide security form.	Submit the required documentation to the **CPM** and **CDFG**. CEC in consultation with BLM and USFWS.	No less than 30 days prior to beginning Project ground-disturbing activities	7/2/11	Owner				9/28/2010 2010-047	
					BIO-23a(2)	CONS	Upon Project closure, implement a Decommissioning and Reclamation Plan for Phase 1b. The Decommissioning and Reclamation Plan shall include a cost estimate for implementing the proposed decommissioning and reclamation activities, and shall be consistent with the guidelines in BLM's 43 CFR 3809.550 et seq.,	Provide a draft Decommissioning and Reclamation Plan to the CPM (for review) and to BLM AO (for review and approval)	No fewer than 30 days prior to the start of Project-related ground disturbing activities for Phase 1B	7/2/11	Owner					
	X	X	X	X	BIO-26d(1)	CONS	COUCH'S SPADEFOOT TOAD: If mitigation land is purchased as an alternative to pond creation, the Project owner shall provide the CPM and CDFG with an approved form of Security and the calculation of such security in accordance with this condition of certification and BIO-12	Form of security shall be providedto CPM and CDFG with copies to BLM and USFWS	no later than 30 days prior to beginning Project ground-disturbing activities	7/2/11	Owner	Wildlands			9/28/2010 2010-048	Approved by the CEC on 10/29/10 for Phase 1a
		s	X	X	BLM Bonds	CONS	Obtain letter of credit.		Prior to ground disturbance	7/2/11	Owner					
		s	X	X	BLM Bonds	CONS	Submit LOC to BLM		Prior to ground disturbance	7/2/11	Owner					
1		s	X	X	BLM ROD Section 1.2	CONS	The ROD requires the Applicant to secure all necessary local, state and federal permits, authorizations and approvals before the BLM will issue an NTP for the next phase of the project. On receipt of the NTP, and by remaining consistent with it, the Applicant will be able to construct and operate the Blythe Solar Power Project on the proposed site.		Prior to the start of construction of each phase	7/2/11	Owner	Both KPC and AECOM				BLM NTP for Phase 1a was received on 11/4/10
	S	S	S	S	CUL-01	CONS	Owner shall contribute to a special fund set up by CEC and/or BLM to finance the completion of the PTNCL Documentation and Possible NRHP Nomination program. Amount of the contribution shall be $35 per acre that the project encloses or otherwise disturbs. Any additional contingency contribution is not to exceed an amount totaling 20% of the original contribution. The contribution to the special fund may be made in installments at the approval of the CPM, with the first installment to constitute 1/3 of the total original contribution amount	Submit a copy of the notice of the successful transfer of funds to CEC CPM. (Payments 1 and 2 have been paid - payment 3 due before Phase 1b NTP).	No later than 10 days after receiving notice of transfer of funds for any installment to CEC's and/or BLM's special PTNCL fund	7/2/11	Owner	AECOM	TBD	TBD		
	S	S	S	S	CUL-02	CONS	Owner shall contribute to a special fund set up by the CEC and/or BLM to finance the completion of the Documentation and Possible NRHP Nomination program presented in the BSPP RSA. The amount of the contribution shall be $25 per acre that the project encloses or otherwise disturbs. Any additional contingency contribution is not to exceed an amount totaling 20% of the original contribution. The contribution to the special fund may be made in installments at the approval of the CPM, with the first installment to constitute 1/3 of the total original contribution amount.	Submit a copy of the notice of the successful transfer of funds to CEC CPM. (Payments 1 and 2 have been paid - payment 3 due before Phase 1b NTP).	No later than 10 days after receiving notice of the successful transfer of funds for any installment to the CEC's and/or BLM's special DTCCL fund	7/2/11	Owner	AECOM	TBD	TBD		
		X	X		CUL-07b	CONS	CRS shall notify the CPM regarding the presence or absence of subsurface deposits and shall make a recommendation on the site's CRHR eligibility.	Submit the required documentation to the CPM.	After the completion of the excavation of the first 1-meter-by-1-meter excavation unit at each of the subject sites	7/2/11	AECOM	Owner	TBD	TBD		
					NOISE-06	CONS	Heavy equipment operation and noisy construction work relating to any project features within 1/4 mile of an existing residence shall be restricted to the following times, unless a special permit has been issued by the County of Riverside: Mondays through Fridays, June through September: 6 a.m. to 7 p.m. October through May: 6 a.m. to 6 p.m. Saturdays: 9 a.m. to 5 p.m. Sundays and Federal holidays: No Construction Allowed	Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies. Prior to ground disturbance, submit a statement acknowledging that the above restrictions will be observed throughout the construction of the project to the CPM	Ongoing during construction	7/2/11	Owner		5/3/11	6/2/11		Andrea has asked Jennie to check files for letter
	S	X	X		S&W-01a	CONS	Prepare a site-specific DESCP that ensures proper protection of water quality and soil resources, demonstrate no increase in off-site flooding potential, include provisions for sediment and stormwater retention from both the power block, solar fields and transmission right of way to meet Riverside County requirements, address exposed soil treatments in the solar fields for both road and non-road surfaces, and identify all monitoring and maintenance activities. The DESCP shall contain, at minimum, the elements presented in the condition (see Items A-N) that outline site management activities and erosion and sediment control BMPs to be implemented during site mobilization, excavation, construction, and post construction (operation) activities	Submit a copy of the final DESCP to the CPM for review and approval and to the **County of Riverside** and the **CRBRWQCB**, for review and comment, if required. The DESCP shall be consistent with the grading and drainage plan as required by Condition of Certification CIVIL-1, and relevant portions of the DESCP shall clearly show approval by the chief building official. Provide in the MCR with a narrative on the effectiveness of the drainage, erosion, and sediment-control measures and the results of monitoring and maintenance activities.	No later than 30 days prior to site mobilization	7/2/11	EPC	AECOM	4/3/11	8/30/10 IFR	10/15/10 2010-090	Approved by CEC for Phase 1a on 2/28/11
	S				S&W-02a	CONS	To mitigate the impact from Project pumping, the Project owner shall identify and implement offset measures to mitigate the increase in discharge from surface water to groundwater that affects recharge from the Palo Verde Valley Groundwater Basin (USGS) to the Palo Verde Mesa Groundwater Basin (USGS). The project owner shall implement SOIL&WATER-16 to evaluate the change in recharge over the life of the project including any latency effects from Project pumping. The offset measures shall consider water conservation projects such as payment for irrigation improvements in Palo Verde Irrigation District, land fallowing, and/or BLM's Tamarisk Removal Program or other proposed mitigation activities acceptable to the CPM. Refer to condition A-G	Submit a Water Supply Plan to the CPM for review and approval. The plan must contain, at a minimum, the items listed in Items A-G in the condition.	30 days before the start of extraction of groundwater for construction or operation	7/2/11	AECOM	EPC			10/15/2010 2010-091	CEC email of 2/22/11: "BSPP is in substantial compliance for all Phase 1A work from a soil and water standpoint. But they need to keep working with us to make progress on implementation of the offset plan."

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			X		CUL-03c	CONS	Owner shall ensure that the CRS obtains the services of a specialist backhoe operator to conduct the activities specified in CUL-6, if needed. This backhoe operator shall have a resume that demonstrates previous experience using a backhoe in coordination with an archaeologist. In addition the operator shall use a machine with a —stripping bucket that is sensitive enough to remove even and consistent layers of sediment 5 centimeters thick.	Submit the resume of the proposed backhoe operator for CPM review and approval.	At least 20 days prior to the beginning of ground disturbance of phase-1b	7/12/11	Owner	Both KPC and AECOM	5/13/11	6/27/11		
	S	S	X	X	CUL-04b	CONS	If there are changes to any project-related footprint, provide revised maps and drawings for the changes to the CRS, PPA, PHA, and CPM.	Submit documentation if necessary.	At least 15 days prior to the start of Phase 1b ground disturbance	7/17/11	EPC	Owner	As required	As required		
	S	S	X	X	CUL-04c	CONS	If project proceeds in phases, provided any maps not previously provided to the CRS, PPA, PHA, and CPM.	Submit required maps and drawings.	At least 15 days prior to the start of Phase 1b ground disturbance	7/17/11	EPC	Owner	As required	As required		
					OHV-1 BLM	CONS	The Applicant shall coordinate with the authorized officer administering any NECO Plan-designated open routes to establish temporary closure of the routes to avoid construction area hazards, if the route is deemed unsafe to use during construction. The Applicant shall post a public notice of the temporary route closure and penalties for any off route OHV activities. The Applicant shall document its coordination efforts with the authorized officer and submit this documentation to the BLM and other agencies affected at least 30 days prior to construction.	To clarify the method and means that the Applicant shall use to communicate with the public and affected jurisdictions about the Blythe Solar Power Project (see, e.g., BLM-REC-2, BLM REC 4 and OHV 1), the Applicant shall prepare a one-page fact sheet and submit it to the BLM's Palm Springs South Coast Field Office for appropriate distribution. Concerning the "start of construction" as used in BLM-REC-4, -REC-5 and OHV-1, the BLM did not intend to extend the pre-construction schedule by imposing 60 days' advance notice and, instead, is amenable to the correction to a 15-day requirement as proposed by the Applicant in its September 10, 2010, comment letter on the PA/FEIS.	No less than 15 days prior to construction	7/17/11	Owner				Fact sheet submitted to BLM on 10/10/10 via email by Jim Migliore	Approved by BLM per Jim Miggliore's email of 3/21/11
			X		PAL-02b	CONS	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM.	Provide revised maps and drawings for Phase 1B to PRS & CPM	at least 15 days prior to the start of ground disturbance	7/17/11	AECOM	Owner	6/2/11	6/17/11		
			X		BIO-13b(2)	CONS	RAVEN MANAGEMENT PLAN FUNDING: The Project owner shall also provide funding for implementation of the USFWS Regional Raven Management Program, as described in the Condition. The one time fee shall be as described in the cost allocation methodology (Exhibit 213, Renewable Energy Development And Common Raven Predation on the Desert Tortoise – Summary, dated May 2010; Cost Allocation Methodology for Implementation of the Regional Raven Management Plan, dated July 9, 2010) or more current guidance as provided by USFWS or CDFG	Provide documentation to the **CPM, BLM, CDFG**, and **USFWS** that the one-time fee for the USFWS Regional Raven Management Program has been deposited to the REAT-NFWS subaccount for the Project. Current estimate for the fee for the USFWS Regional Raven Management Program is $105/acre. Phase 1b disturbance is estimated to be 2,995 acres.	No less than 10 days prior to start of any Phase 1b Project-related ground disturbance activities	7/22/11	Owner		5/23/11	6/22/11		Phase 1b payment
1			X	X	BIO-16b	CONS	PRE-CONSTRUCTION NEST SURVEYS for Phase 1b and 2: Conduct surveys if construction activities would occur from February 1 through July 31. (See similar instructions as set forth in BIO-16a).	Provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor (s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no-disturbance buffer zone around the nest(s) that would be avoided during project construction. Include the survey information in the requested report.	At least 10 days prior to start of any Project-related ground disturbance activities	7/22/11	AECOM	Owner	5/23/11	6/22/11		
1					MECH-03	CONS	Submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. Design and install all HVAC and refrigeration systems within buildings and related structures in accordance with the CBC and other applicable codes. Upon completion of any increment of construction, the project owner shall request the CBO's inspection an approval of that construction. The final plans, specifications and calculations shall include approved criteria, assumptions, and methods used to develop the design. In addition, the responsible mechanical engineer shall sign and stamp all plans, drawings and calculations and submit a signed statement to the CBO that the proposed final design plans, specifications and calculations conform with the applicable LORS.	Submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	At least 30 days prior to start of construction of any HVAC or refrig system	7/23/11	EPC	Owner	5/24/11	6/23/11		Is this for the Assembly Hall?
			X	X	BIO-12g	CONS	DT MITIGATION SECURITY PHASE 1B: The project owner shall provide actual Security for Phase 1B and 2.	Actual Security shall be provided no later than 7 days prior to the beginning of Project ground-disturbing activities.	No more than 7 days prior to ground disturbing activities	7/25/11	Owner		4/26/11	6/25/11		
			X	X	BIO-18f	CONS	BURROWLING OWL SECURITY: Provide approved form of security.	The Project Owner shall provide the CPM and CDFG with an approved form of Security for each phase.	No later than 7 days prior to beginning Project ground-disturbing activities of each phase	7/25/11	Owner		4/26/11	6/25/11		
			X	X	BIO-18g	CONS	BURROWLING OWL SECURITY: Provide actual form of security.	Provide the actual security to the **CPM and CDFG.**	No later than 7 days prior to beginning Project ground-disturbing activities	7/25/11	Owner		4/26/11	6/25/11		
			X	X	BIO-19k(2)b	CONS	SPECIAL STATUS PLANTS: Provide Actual Security to CPM for each phase.	Provide required documentation.	7 days prior to the start of ground-disturbing activities of Phase-1b	7/25/11	Owner		5/26/11	6/25/11		Phase-1b

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			X		BIO-21b(8)	CONS	BIG HORN SHEEP: Actual Security shall be provided no later than 7 days prior to the beginning of Project ground-disturbing activities.	Provide actual security to **CPM** and **CDFG**	7 days prior to the start of ground-disturbing activities	7/25/11	Owner		5/26/11	6/25/11		
	X	X	X	X	BIO-26d(2)	CONS	COUCH'S SPADEFOOT TOAD: Actual Security shall be provided no later than 7 days prior to the beginning of Project ground-disturbing activities.	Provide actual security to **CPM and CDFG with copies to BLM and USFWS.**	7 days prior to the start of ground-disturbing activities	7/25/11	Owner		5/26/11	6/25/11		
	X	X	X	X	BIO-22h	CONS	STATE WATERS: Notify the CPM and CDFG in writing prior to initiation of Project activities in jurisdictional state waters and jurisdictional areas.	Submit the required documentation to the **CPM** and **CDFG**.	At least 5 days prior to initiation of Project activities in jurisdictional state waters	7/27/11	AECOM	Owner			12/07/2010 2010-155	Approved by the CEC on 12/15/10 for Phase 1a
1					S&W-05h(2)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations	30 days following the end of the quarter, during construction	7/30/11	AECOM	Owner	5/31/11	6/30/11		
		s	X	X	BLM Bonds	CONS	Submit acreage and cost estimate to BLM for bonds to BLM.	Still needs to be completed for Phase 1b.	Prior to ground disturbance	8/1/11	Owner	AECOM				This task has been completed for Phase 1a
1			X	X	GEO-01b	CONS	Provide upated Soils Engineering report to CBO for power block and solar field.	Submit report to CBO for review and approval.	At least 30 days prior to grading	8/7/11	EPC	Owner	6/8/11	7/23/11		Need to prepare new report for Phase 1B and 2
	-	-	-	-	AQ-59d	COMM	See test requirements in a above.	The District shall receive passing test reports .	no later than 6 weeks prior to permit expiration date	8/16/11	EPC	Owner	6/17/11	7/17/11		Permits will need to be updated annually
					GEN-06a	CONS	Assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in conditions of certification in the Transmission System Engineering condition. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels).	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties listed in the Condition.	At least 15 days prior to start of an activity requiring special inspection	8/16/11	EPC	Owner				
	X	X	X	X	BIO-17	CONS	BADGER/KIT FOX IMPACT AVOIDANCE & MINIMIZATION MEASURES: To avoid direct impacts to American badgers and desert kit fox, preconstruction surveys shall be conducted for these species concurrent with the desert tortoise surveys. Surveys shall be conducted as described in the condition.	Submit a report to the **CPM** and **CDFG** that describes the survey methods, results, impact avoidance and minimization measures implemented, and the results of those measures.	Within 30 days of completion of badger and kit fox surveys **Survey activities will be included in the MCR**	9/15/11	AECOM	Owner	TBD	TBD	01/04/11 2011-168	CEC APPROVED EW ON 2/28/11 Survey activities will be included in the MCR
	X	X	X	X	BIO-18a	CONS	BURROWING OWL IMPACT AVOIDANCE, MINIMIZATION AND COMPENSATION MEASURES: Conduct pre-construction surveys for burrowing owls. Surveys shall be focused exclusively on detecting burrowing owls, and shall be conducted from two hours before sunset to one hour after or from one hour before to two hours after sunrise. The survey area shall include the Project Disturbance Area and surrounding 500 foot survey buffer for each phase of construction in accordance with BIO-28 (phasing).	Conduct pre-construction burrowing owl surveys.	no more than 30 days prior to initiation of construction activities	9/15/11	AECOM	Owner	7/17/11	8/16/11	01/04/11 2011-168	CEC APPROVED EW ON 2/28/11
					BIO-20b(2)	CONS	SAND DUNE/FRINGE-TOED LIZARD MITIGATION: Actual Security shall be provided no later than 7 days prior to the beginning of Project ground disturbance activities.	Provide required documentation.	7days prior to the start of ground-disturbing activities	8/30/11	Owner					
	AR	Fall	X	X	BIO-09b	CONS	DT SURVEY REPORT Submit a report describing implementation of each of the mitigation measures listed in the condition. The report shall include the desert tortoise survey results, capture and release locations of any relocated desert tortoises, and any other information needed to demonstrate compliance with the measures described in the condition.	Provide the report to the **CPM**, **BLM AO**, **USFWS** and **CDFG**.	Within 30 days after completion of desert tortoise clearance surveys **Survey activities will be included in the MCR**	8/31/11	AECOM	Owner	6/1/10	8/1/11	2/2/11 2011-176	MCR contains regular updates; we will send the MCR Bio Report to the agencies
	X				BIO-10b	CONS	The DB shall provide a written report identifying which items of the Plan have been completed, and a summary of all modifications to measures made during implementation of the Plan.	Provide the report to the CPM for review and approval.	Within 30 days after initiation of relocation and/or translocation activities	8/31/11	AECOM	Owner	9/15/10	11/15/10		Will provide report to CEC at end of each phase and include regular update in MCR
		X	X		CUL-07c	CONS	Submit a letter report written by the PPA or CRS for review and approval of the CPM. When the CPM approves the letter report, ground disturbance may begin at this site location.	Submit the required documentation to the CPM.	Within one week of the completion of data recovery at a site	8/31/11	AECOM	Owner	TBD	TBD		
1					S&W-03 Well #1 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
1					S&W-03 Well #2 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #3 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #4 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #5 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #6 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #7 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-1 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-11 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-12 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-13 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-2 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-3 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-4 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-5 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		
1					S&W-03 Well #MW-6 Step 6	CONS	Step 6: Submit documentation to the CPM, and the CRBRWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for Project drilling activities were removed in compliance with 23 CCR section 2511(c)	Submit the required documentation to the CEC, BLM, and RWQCB.	No later than 60 days after installation of each well at the Project site	9/1/11	AECOM	EPC to provide compliance info to Owner & AECOM	7/3/11	8/2/11		

ACR - Annual Compliance Report; BLM - Bureau of Land Management;
CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
		S	X	X	S&W-07a	CONS	Comply with the requirements specified in Appendix B, C, and D. These requirements relate to discharges, or potential discharges, of waste that could affect the quality of waters of the state, and were developed in consultation with staff of the State Water Resources Control Board and/or the applicable California Regional Water Quality Control Board (hereafter "Water Boards"). It is the Commission's intent that these requirements be enforceable by both the Commission and the Water Boards. In furtherance of that objective, the Commission hereby delegates the enforcement of these requirements, and associated monitoring, inspection and annual fee collection authority, to the Water Boards. Accordingly, the Commission and the Water Board shall confer with each other and coordinate, as needed, in the enforcement of the requirements.	Provide documentation to the CPM, with copies to the CRBRWQCB, demonstrating compliance with the WDRs established in Appendices B, C, and D.	No later than 60 days prior to any wastewater or storm water discharge or use of land treatment units	9/6/11	AECOM	Owner			10/13/10 2010-079	Approved by CEC for Phase 1a on 2/28/11
	-	-	-	-	AQ-SC-08a	CONS	Provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) documents for the facility. Submit to the CPM for review and approval any modification proposed by the project Owner to any project federal air permit. Submit to the CPM any modification to any permit proposed by the District or U.S. Environmental Protection Agency (U.S. EPA), and any revised permit issued by the District or U.S. EPA, for the project.	Submit any ATC, PTO, and proposed air permit modifications to the CPM either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.	Within 5 working days of its submittal	9/15/11	Owner	AECOM	As required	As required		Existing ATCs expire on 9/30/11; Amandeep to handle permit renewals by 9/15/11
					WORKER SAFETY-07a	CONS	Make annual payment of $375,000 to RCFD.	Provide evidence of payment in each January MCR and the Annual Compliance Report.	Annually	9/15/11	Owner		7/17/11	8/16/11		
	-	-	-	-	AQ-46	CONS	Each diesel fueled emergency engine unit is subject to the requirements of the Federal National Source Performance Standards (NSPS) for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60 Subpart IIII).	Submit the engine specifications for District and CEC review and approval demonstrating that the engines meet NSPS emission limit requirements at the time of engine purchase.	At least 30 days prior to purchasing the engines	9/17/11	EPC	Owner	TBD	TBD		
	-	-	-	-	AQ-54	CONS	The emergency IC engine units are subject to the requirements of the Federal National Source Performance Standards (NSPS) for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60 Subpart IIII).	Submit the engine specifications for review and approval demonstrating that the engines meet NSPS and ARB ATCM emission limit requirements at the time of engine purchase.	At least 30 days prior to purchasing the engines	9/17/11	EPC	Owner	TBD	TBD		
		s	X	X	BLM Bonds	CONS	Provide security posting to BLM.	Submit required security posting to BLM.	Within 60 days of BLM NTP for Phase 1b	9/30/11	Owner		8/1/11	8/31/11		
					REC-02 BLM	PC	The Applicant shall prepare and distribute interpretative materials including a construction schedule and safety information regarding trucks and other heavy equipment on local roads, to users of the Midland, Mule Mountains and La Posa LTVA's, Wiley Wells and Coon Hollow Campgrounds, and BLM kiosks stating the development of the solar facilities at the BSPP site and the temporary or permanent closure of approximately 6,000 acres of public land to recreational use. The BLM authorized officer shall approve the draft materials prior to distribution.	To clarify the method and means that the Applicant shall use to communicate with the public and affected jurisdictions about the Blythe Solar Power Project (see, e.g., BLM-REC-2, BLM REC 4 and OHV 1), the Applicant shall prepare a one-page fact sheet and submit it to the BLM's Palm Springs South Coast Field Office for appropriate distribution.		10/10/2011	Owner	Owner			Fact sheet submitted to BLM on 10/10/10 via email by Jim Migliore	Approved by BLM per Jim Miggliore's email of 3/21/11
	X	X			CUL-10a Phase 1a	CONS	Ensure the CRMMP includes a data recovery plan for the resource type "historic-period dump sites," consisting of sites SMB-H-522/525 along the linear facilities corridor if impacts to the latter cannot be avoided by spanning. This site list may be revised only with the agreement of the CRS and the CPM. See Items 1-9 in Condition for a description of the specific tasks to be included in plan.	Notify the CPM that mapping and in-field artifact analysis has ensued on historic-period dump sites.	At least 15 days prior to ground disturbance for Phase 1a	10/17/11	AECOM	Owner	8/18/11	10/2/11	10/21/10 2010-114 12/22/10 2010-167	Pending CEC approval
	s	s			CIVIL-01a	CONS	Submit design of the proposed drainage structures and the grading plan (initially for access road).	Submit documents for Phase 1b to the CBO for review and approval and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days prior to start of site grading or CBO approved time frame	10/18/11	EPC	AECOM			10/22/2010 2010-122	Approved by the CEC on 10/26/10 for Phase 1a
	s	s			CIVIL-01b	CONS	Submit an erosion and sedimentation control plan.	Submit documents for Phase 1b to the CBO for review and approval and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days prior to start of site grading or CBO approved time frame	10/18/11	EPC	AECOM			10/22/2010 2010-122	Approved by the CEC on 10/26/10 for Phase 1a
	s	s			CIVIL-01c	CONS	Submit related calculations and specifications, signed and stamped by the responsible civil engineer.	Submit documents for Phase 1b to the CBO for review and approval and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days prior to start of site grading or CBO approved time frame	10/18/11	EPC	AECOM			10/22/2010 2010-122	Approved by the CEC on 10/26/10 for Phase 1a
1		X	X	X	CIVIL-01d	CONS	Submit the soils, geotechnical, or foundation investigations reports required by the 2007 CBC.	Submit documents for additional Phase 1a work and Phase 1B work to the CBO for review and approval and in the next MCR, submit a written statement certifying that the documents have been approved by the CBO.	At least 15 days prior to start of site grading or CBO approved time frame	10/18/11	EPC	AECOM				Kiewit has indicated that additional geotech work is still needed Phase 1a
	X	X			CUL-11b Phase 1a	CONS	Ensure that the CRS, PHA, and/or archaeological team members implement the data recovery plan.	Implement the plan, if allowed by BLM.	Prior to start of ground disturbance within 30 meters of the site boundaries of each site	10/20/11	AECOM	Owner	10/20/10	10/20/10	10/21/10 2010-114	Pending CEC approval
1					BLM ROD Section 1.4	CONS	Construction of the initial phase of development must commence within 12 months after issuance of BLM NTP but no later than 24 months after effective date of the issuance of the ROW Grant.		within 12 months after issuance of BLM NTP but no later than 24 months after effective date of the issuance of the ROW Grant.	10/30/11	Owner					

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					GEN-08a	CONS	Obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. Request the CBO to inspect the completed structure and review the submitted documents. Notify the CPM after obtaining the CBO's final approval. Retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Submit to the CBO, with a copy to the CPM, in the next MCR, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing the final approved engineering plans, specifications, and calculations described above, submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Include in MCR within 15 days of completion of any work	10/30/11	EPC	Owner	9/30/11	10/20/11		
					S&W-05h(3)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations	30 days following the end of the quarter, during construction	10/30/11	AECOM	Owner	8/31/11	9/30/11		
1					S&W-04b(2)	CONS	Prepare a semi-annual summary of amount of water used for construction purposes. The summary shall include the monthly range and monthly average of daily water usage in gallons per day.	Submit the required documentation to the CPM.	Beginning six months after the start of construction	4/27/12	EPC	Owner	2/27/12	3/28/12		
					FWS BO Item a) Page 36	CONS	The applicant shall prepare and provide to the Service and BLM an annual report by December 31 of each year of the project. **Please see page 36 of the Biological Opinion for details on specific items that must be included in annual report.**	Provide the annual report to FWS and BLM.	Annually	12/31/11	AECOM	Owner	11/1/11	12/16/11		Awaiting issuance of amendment to BO for FWS
					VIS-03b	CONS	Prepare and submit a lighting mitigation plan. No exterior lighting shall be ordered until CPM approval of the lighting mitigation plan has been obtained. If the CPM determine that the plan requires revision, the project owner shall provide to the CPM a revised plan for review and approval by the CPM.	Submit the plan to the **CPM** for review and approval and simultaneously to **the County of Riverside** for review and comment.	At least 60 days prior to ordering any permanent exterior lighting	1/7/12	EPC	Owner				
1			X	X	BIO-19r(3)	CONS	SPECIAL STATUS PLANTS: If a Distribution Study is implemented as contingency mitigation, the study shall be initiated no later than 6 months from the start of construction. The implementation phase of the study shall be completed within two years of the start of construction.	Confirm implementation completed within 2 years of the start of construction.	initiated no later than 6 months from the start of construction.	1/28/12	Owner		11/29/11	12/29/11		
					S&W-05h(4)	CONS	Collect water levels on a quarterly basis throughout the construction period and at the end of the construction period. Perform statistical trend analysis for water levels using the Mann-Kendall test (or other CEC-approved statistical analysis method). Assess the significance of an apparent trend and estimate the magnitude of that trend.	During Project construction, the project owner shall submit to the CPM quarterly reports presenting all the data and information required in item B in the condition. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations	30 days following the end of the quarter, during construction	1/30/12	AECOM	Owner	12/1/11	12/31/11		
1					MECH-01a	CONS	MAJOR PIPING & PLUMBING SYSTEMS: Submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in Facility Design Table 1, condition of certification GEN-2, above. Physical layout drawings and drawings not related to code compliance and life safety need not be submitted. The submittal shall also include the applicable QA/QC procedures. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards.	Submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS.	At least 30 days prior to the start of any piping or plumbing construction	2/19/12	EPC	Owner	12/21/11	1/20/12		Talk to Doug re: due date; new milestones show fab/ship of piping starting 3/22/11
1					STRUC-04a	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	Submit to the CBO for design review and approval the final plans, specs, and calcs, including a copy of the signed and stamped engineer's certification.	At least 30 days or CBO approved time frame prior to the start of installation of the tanks or vessels	2/19/12	EPC	Owner	12/21/11	1/20/12		
1			X	X	BIO-18d	CONS	BURROWING OWL MITIGATION LAND: The project owner shall acquire, in fee or in easement 39 acres of land suitable to support a resident population of burrowing owls and shall provide funding for the enhancement and long-term management of these compensation lands. The Criteria for Burrowing Owl Mitigation Lands set forth in the condtiion shall be followed. If the 39 acres of burrowing owl mitigation land is separate from the acreage required for desert tortoise compensation lands, complete acquisition of proposed compensation lands within the time period specified for this acquisition. Alternatively, financial assurance can be provided by the project owner to the CPM and CDFG, according to the measures outlined in BIO-12.	Submit a formal acquisition proposal to the **CPM, BLM, CDFG,** and **USFWS** describing the parcels intended for purchase. At the same time the project owner shall submit a PAR or PAR-like analysis for the parcels for review and approval by the CPM, BLM, CDFG and USFWS.	No less than 90 days prior to acquisition of the burrowing owl compensation lands	2/29/12	AECOM	Owner	TBD	TBD		
1			X	X	BIO-19l	CONS	SPECIAL STATUS PLANTS: Owner shall submit a formal acquisition proposal and draft Management Plan for the proposed lands to the CPM, with copies to CDFG, USFWS, and BLM, describing the parcels intended for purchase and shall obtain approval from the CPM prior to the acquisition. **REFER TO CONDITION FOR ALL THE REQUIRED ELEMENTS FOR compensation land documentation**	Submit proposal and mgmt plan to **CPM**, **CDFG**, **USFWS**, **BLM**. Obtain approval prior to acquisition.	No fewer than 90 days prior to acquisition of compensatory mitigation lands	2/29/12	Owner	Wildlands	12/31/11	1/30/12		
			X	X	BIO-19m(1)	CONS	SPECIAL STATUS PLANTS: Owner shall submit to the CPM and obtain CPM approval of any agreements to delegate land acquisition to an approved third party, or to manage compensation lands.	Submit documentation to CPM and obtain approval.	No fewer than 90 days prior to acquisition of compensatory mitigation lands	2/29/12	AECOM	Owner	12/31/11	1/30/12		
1			X		BIO-20a	CONS	SAND DUNE/FRINGE-TOED LIZARD MITIGATION: To mitigate for habitat loss and direct impacts to Mojave fringe-toed lizards, provide compensatory mitigation at a 3:1 ratio which may include compensation lands purchased in fee or in easement in whole or in part, for impacts to stabilized or partially stabilized desert dune habitat (58 acres or the acreage of sand dune/partially stabilized sand dune habitat impacted by the final project footprint).	Submit a formal acquisition proposal to the CPM, BLM, CDFG and USFWS describing the parcels intended for purchase.	No less than 90 days prior to acquisition of the property	2/29/12	Owner	Wildlands	11/1/11	1/30/12		

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1		X			BIO-21d	CONS	BIG HORN SHEEP: If the Project owner elects to mitigate for loss of bighorn sheep spring foraging habitat with acquisition of compensatory mitigation lands owner shall submit a formal acquisition proposal to the CPM, BLM, and CDFG describing the 929 acres of lands intended for purchase. At the same time the Project owner shall submit a PAR or PAR-like analysis for the parcels for review and approval by the CPM, in consultation with BLM and CDFG. Refer to condition for land acquisition requirements.	Submit formal acquisition proposal and PAR analysis to **CPM, BLM, CDFG, USFWS**.	no less than 90 days prior to acquisition of the bighorn sheep compensation lands	2/29/12	Owner	Wildlands	12/31/11	1/30/12		
					BIO-26f	CONS	COUCH'S SPADEFOOT TOAD: Owner shall submit a formal acquisition proposal to the CPM, CDFG and USFWS describing the parcels intended for purchase.	Submit acquisition proposal to **CPM, CDFG, USFWS**.	No less than 90 days prior to acquisition of the property	2/29/12	Owner	Wildlands	12/31/11	1/30/12		
			X		BIO-20e	CONS	SAND DUNE/FRINGE-TOED LIZARD MITIGATION: Provide written verification to the CPM, BLM, USFWS, and CDFG that the compensation lands or conservation easements have been acquired and recorded in favor of the approved recipient	Submit the required documentation to the **CPM, BLM, USFWS**, and **CDFG**.	No later than 18 months from a CEC Final Decision	3/8/12	Owner	Wildlands	1/8/12	2/7/12		
1					BIO-21b(1)	CONS	BIG HORN SHEEP: The Project owner may elect to fund the creation of a new water source by depositing funds into a Renewable Energy Action Team (REAT) subaccount established with the NFWF. Actual costs shall be developed in consultation with the CPM, BLM, and CDFG. The Project owner shall be responsible for providing adequate funding for installation of the water source and all costs associated with that installation, as well as costs of the operation, monitoring and management of the water source for the life of the Project. The Project owner shall also provide sufficient funding for any administrative fees that NFWF may require to implement the measures described in this condition. The initial estimate of funding required to fulfill the measures described above is $100,000. The total costs shall not exceed $120,000. If less than $100,000 is required to fulfill the terms of this condition, the excess shall be refunded to the Project owner. Based on the letter from Jim Abbott, Acting State Director of BLM to Alice Harron ated August 26, 2010, deposit of the funds by the Project owner into the NFWF Account will discharge the Project Owner's obligations under this Condition of Certification. **--OR--**	If the Project owner elects to fund the creation of a new water source by depositing funds into the REAT-NFWF subaccount, the Project owner shall provide written verification to the CPM, BLM and CDFG that $100,000 has been deposited to that subaccount. Based on the letter from Jim Abbott, Acting State Director of BLM to Alice Harron, Solar Millennium dated August 26, 2010, deposit of the funds by the Project Owner into the NFWF Account will discharge the Project Owner's obligations under this Condition of Certification. The Project owner shall provide the CPM with a form of Security for installation, management and monitoring of the water source as described in this condition of certification no later than 30 days prior to beginning Project ground disturbing activities for approval. Actual Security shall be provided no later than 7 days prior to the beginning of Project ground-disturbing activities. Security shall be $100,000.	No later than 18 months from a CEC Final Decision.	3/8/12	AECOM		1/8/12	2/7/12		SMLCC is acquiring lands and will not likely use REAT option.
		X	X	X	BIO-22g	CONS	STATE WATERS MITIGATION: Provide written verification to the CPM, BLM, USFWS and CDFG that the compensation lands or conservation easements have been acquired and recorded in favor of the approved recipient.	Submit the required documentation to the **BLM, CPM** and **CDFG**.	No later than 18 months from adoption of the CEC Final Decision	3/8/12	Owner	Wildlands	1/8/12	2/7/12		
					BIO-24a(3)	CONS	GOLDEN EAGLE ANNUAL SURVEY: During each year of construction, conduct an inventory to determine if golden eagle territories occur one miles of the Project boundaries.	Submit a report to the **CPM, CDFG**, and **USFWS** documenting the results of the **2012** inventory.	No fewer than 30 days from completion of the golden eagle inventory	3/15/12	AECOM	Owner	1/15/12	2/14/12		1st survey will need to be conducted; check with CEC to see if second survey will be waived
					BIO-24b	CONS	GOLDEN EAGLE MONITORING: If an occupied nest is detected within one mile of the Project boundary during inventory, owner shall contact staff at the USFWS Carlsbad Office and CDFG within one working day of detection of the nest for interim guidance on monitoring and nest protection. Owner shall prepare and implement a Golden Eagle Monitoring and Management Plan for the duration of construction to ensure that Project construction activities do not result in injury or disturbance to golden eagles. The Monitoring and Management Plan shall be prepared in consultation with the USFWS. Triggers for adaptive management shall include any evidence of Project-related disturbance to nesting golden eagles, including but not limited to: agitation behavior displacement, avoidance, and defense); increased vigilance behavior at nest sites; changes in foraging and feeding behavior, or nest site abandonment. The Monitoring and Management Plan shall include a description of adaptive management actions, which shall include, but not be limited to, cessation of construction activities that are deemed by the DB to be the source of golden eagle disturbance.	Only if an occupied nest is found THEN provide the **CPM, CDFG**, and **USFWS** with the final version of the Golden Eagle Monitoring and Management Plan. This final Plan shall have been reviewed and approved by the CPM in consultation with USFWS and CDFG.	within one working day of detection of the nest	3/15/12	AECOM	Owner	1/15/12	2/14/12	03/25/11 2011-185	Letter sent to agencies and CEC on 03/25/11
AR	AR	AR	AR	AR	BIO-24c	CONS	GOLDEN EAGLE MONITORING PLAN: The project owner shall provide the **CPM, CDFG**, and USFWS with the final version of the Golden Eagle Monitoring and Management Plan. This final Plan shall have been reviewed and approved by the CPM in consultation with USFWS & CDFG.	Submit the final plan to CPM.	within 30 days after detection of the nest	3/15/12	AECOM	Owner	1/15/12	2/14/12		
X	X	X	X	X	BIO-12h	CONS	If Security is provided, the Project owner, or an approved third party, shall complete and provide written verification of the compensation lands acquisition and transfer.	Provide the required written verification to the **CPM, CDFG, BLM** and **USFWS**.	within 18 months of the start of Project ground-disturbing activities	5/5/12	Owner		2/5/12	4/5/12		
			X	X	BIO-19x	CONS	SPECIAL STATUS PLANTS: Owner shall transfer to the CPM or an approved third party the difference between the Security paid and the actual costs of (1) acquiring compensatory mitigation lands, completing initial protection and habitat improvement , and funding the long-term maintenance and management of compensatory mitigation lands; and/or (2) implementing and providing for the long-term protection and monitoring of habitat enhancement or restoration activities	Transfer the funds per condition requirement.	Within 18 months of ground-disturbing activities	5/5/12	Owner	Wildlands	3/6/12	4/5/12		
					HAZ-02a	CONS	Provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention, Control, and Counter-measure Plan (SPCC), and a Process Safety Management Plan (PSMP) to the Riverside County Environmental Health Department (RCEHD), the Riverside County Fire Department (RCFD), and the CPM for review.	Concurrently provide a copy of the Hazardous Materials Business Plan, a Spill Prevention, Control, and Countermeasure Plan, and a Process Safety Management Plan to the **RCEHD, RCFD**, and **CPM** for review.	At least 60 days prior to receiving any hazardous material on site for commissioning or operations	5/25/12	AECOM	Owner	3/26/12	4/25/12		

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					HAZ-03	CONS	Develop and implement a Safety Management Plan for the delivery and handling of liquid hazardous materials. The plan shall include procedures, protective equipment requirements, training and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials. This plan shall be applicable during construction, commissioning, and operation of the power plant.	Provide a Safety Management Plan as described in the condition to the CPM for review and approval.	At least 60 days prior to the delivery of any liquid hazardous material	5/25/12	EPC	Owner	3/26/12	4/25/12		
			X		BIO-18i	CONS	BURROWING OWL COMPENSATION LANDS: Provide written verification to the CPM, BLM, and CDFG that the compensation lands or conservation easements have been acquired and recorded in favor of the approved recipient.	Submit the required documentation to the **CEC, BLM** and **CDFG**.	No later than 18 months from initiation of construction	5/29/12	Owner		2/29/12	4/29/12		
			X	X	BIO-19n	CONS	SPECIAL STATUS PLANTS: Owner or an approved third party shall complete the acquisition and all required transfers of the compensation lands, and provide written verification to the CPM. If security is provided, the Project owner shall provide written verification that the Project owner's compensatory mitigation obligations have been fulfilled within 18 months of the start of Project ground-disturbing activities.	Submit the required documentation to the CPM.	No later than 18 months after the start of project ground-disturbing activities	5/29/12	Owner	Wildlands	3/30/12	4/29/12		
			X	X	BIO-19o	CONS	SPECIAL STATUS PLANTS: If NFWF or another approved third party is being used for the acquisition, the Project owner shall ensure that funds needed to accomplish the acquisition are transferred in timely manner to facilitate the planned acquisition and to ensure the land can be acquired and transferred. If the Project owner elects to acquire the compensation lands, the Project owner shall provide written verification to the CPM that the compensation lands or conservation easements have been acquired and recorded in favor of the approved recipient no later than 18 months from the start of project ground-disturbing activities.	Make sure funds transferred in a timely manner.	Prior to the 18-month deadline.	5/29/12	Owner		3/30/12	4/29/12		SMLCC is acquiring lands and will not likely use REAT option.
			X	X	BIO-19p	CONS	SPECIAL STATUS PLANTS: Agreements to delegate land acquisition to an approved third party, or to manage compensation lands, or to implement an enhancement option shall be executed and implemented.	Execute and implement required agreements.	within 18 months of ground disturbance	5/29/12	Owner	Wildlands	TBD	TBD		
					BIO-26e	CONS	COUCH'S SPADEFOOT TOAD: If Security is provided, the Project owner, or an approved third party, shall complete and provide written verification of the proposed compensation lands acquisition	Provide written verification.	within 18 months of the start of Project ground-disturbing activities.	5/29/12	Owner		3/30/12	4/29/12		
					BIO-26h	CONS	COUCH'S SPADEFOOT TOAD: Provide written verification to the CPM, and CDFG that the compensation lands or conservation easements have been acquired and recorded in favor of the approved recipient	Submit verification of acquisition and recording to **CPM** & **CDFG**.	no later than 18 months from the start of ground-disturbing activities	5/29/12	Owner	Wildlands	3/30/12	4/29/12		
					HAZ-06a	CONS	Prepare a site-specific security plan for the commissioning and operation phases construction phase which addresses the Items 1-10 specified in the condition.	Notify the CPM that a site-specific construction security plan is available for review and approval.	At least 30 days prior to the initial receipt of hazardous materials on site	6/24/12	EPC	Owner	4/25/12	5/25/12		
			X	X	BIO-19m(2)	CONS	SPECIAL STATUS PLANTS: Owner shall deposit the funds required by Section I e (refer to condition) (long term management and maintenance fee) and provide proof of the deposit to the CPM.	Provide proof of payment to CPM.	No fewer than 30 days after acquisition of the property	6/29/12	Owner		4/30/12	5/30/12		
					COM-09c	CONS	Owner must send a letter to property owners living within one mile of the Project transmission line route notifying them of telephone number to contact with questions, comments or concerns.	Acquire Project phone number, for Project signs and provide to CEC for posting on CEC webpage.Send letter with acquired phone number to 1 mile radius of t-line.	Prior to the start of construction of t-line	7/4/12	Owner		5/5/12	6/19/12		
					TLSN-01	CONS	Construct the proposed transmission line according to the requirements of CPUC's GO-95, GO-52, GO-131-D, Title 8, and Group 2. High Voltage Electrical Safety Orders, sections C171 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines. The Project will follow Southern California Edison's EMF design guidelines for the design and construction of the 230kV interconnection line except where it conflicts with FAA and/or RCALUC rules and regulations.	Submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the condition.	At least 30 days before starting construction of the t-line or related structures and facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
					TRANS-11a	CONS	Submit a plan identifying measures to be taken to mark and light the lines and poles beneath runway approaches, typical pattern entry corridors, and typical departure routes pursuant to criteria included in FAAC 70/7460-1K. The plan shall identify the number and location of poles that are subject to the criteria and the exact measures to be taken to properly mark and light the poles in conformance with FAAC 70/7460.	Provide a construction plan for review and approval.	At least 30 days prior to the start of transmission line mobilization	7/4/12	EPC	Owner	5/5/12	6/4/12		
					TSE-01a	CONS	The project owner shall provide the Compliance Project Manager (CPM) and the Chief Building Official (CBO) with a schedule of transmission facility design submittals, a master drawing list, a master specifications list, and a major equipment and structure list. The schedule shall contain both a description and a list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. To facilitate audits by CEC staff, the project owner shall provide designated packages to the CPM when requested.	Submit the schedule, a master drawing list, and a master specifications list to both the CBO and the CPM. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment (see a list of major equipment in Table 1: Major Equipment List below).	Prior to the start of the construction of the transmission facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
1					TSE-02	CONS	Assign an electrical engineer and at least one civil engineer, geotechnical engineer or civil engineer; a design engineer who is either a structural engineer or civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or a mechanical engineer.	Submit names, resumes, quals, and registration numbers of all responsible engineers assigned to the project to the CBO for review and approval. (If any are replaced, new resumes must be submitted.) Notify the CPM of the CBO's approvals within 5 days of the approval.	Prior to the start of rough grading of the transmission facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
1					TSE-04a	CONS	For the power plant switchyard, outlet line and termination, construction shall not begin until plans for that increment of construction have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction.	Submit to the CBO for review and approval the final design plans, specifications and calculations.	Prior to start of each increment of construction	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		

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					TSE-05a	CONS	Ensure that the design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and the requirements set forth in the Condition, Items a-f.	Submit the design drawings, specs and calcs for poles/towers, foundations, anchor bolts, conductors, grounding systems, and major switchyard equipment and design criteria info, discussion of calculation methods, including a sample calculation based on worst case conditions, and a statement from RE that the transmission element(s) will conform to applicable LORS and code requirements set forth in the Condition.	Prior to the start of the construction of the transmission facilities	7/4/12	Owner	T/L Sub				
					TSE-05b	CONS	Submit an electrical one-line diagrams signed and sealed by the registered professional electrical engineer in charge, a route map, and an engineering description of the equipment and configurations covered by requirements TSE-5 a) through f).	Submit the required information to the CBO for approval.	Prior to the start of the construction of the transmission facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
					TSE-05c	CONS	Submit the Special Protection System (SPS) sequencing and timing.	Submit the required information to the CBO for approval and concurrently to the CPM.	Prior to the start of the construction of the transmission facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
					TSE-05d	CONS	Submit a letter stating that the mitigation measures or projects selected by the transmission owners for each reliability criteria violation, for which the project is responsible, are acceptable.	Submit the required information to the CBO for approval.	Prior to the start of the construction of the transmission facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
					TSE-05e	CONS	Submit the final Phase II Interconnection Study, including a description of facility upgrades, operational mitigation measures, and/or special protection system sequencing and timing if applicable	Submit the required information to the CBO for approval.	Prior to the start of the construction of the transmission facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
					TSE-05f	CONS	Submit a copy of the executed LGIA signed by the California ISO and the project owner.	Submit the required information to the CBO for approval.	Prior to the start of the construction of the transmission facilities	7/4/12	Owner	T/L Sub	5/5/12	6/4/12		
-	-	-	-		AQ-41	CONS	A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on the emergency IC engines to indicate elapsed engine operating time. (Title 17 CCR §93115.10(e)(1)).	Provide the **District** and the **CPM** the specification of the hour timer.	At least 30 days prior to the installation of the engine	7/16/12	EPC	Owner	5/17/12	6/16/12		
-	-	-	-		AQ-49	CONS	A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on each Tier III diesel fueled emergency generator engine to indicate elapsed engine operating time. (Title 17 CCR §93115.10(e)(1)).	Provide the **District** and the **CPM** the specification of the hour timer.	At least 30 days prior to the installation of the engine	7/16/12	EPC	Owner	5/17/12	6/16/12		
		X			NOISE-01c	CONS	Notify all residents within one mile of the transmission line, by mail or other effective means, of the commencement of project construction. Establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project and include that telephone number in the above notice.	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the above notification has been performed and describing the method of that notification, verifying that the telephone number has been established and posted at the site, and giving that telephone number	At least 15 days prior to the start of ground disturbance associated with the t-line	7/19/12	Owner		5/20/12	6/19/12		
		X	X		BIO-19r(1)	CONS	SPECIAL STATUS PLANTS: Enhancement restoration activities shall be initiated no later than 12 months from the start of construction.	If enhancement restoration option is selected implement within time frame specified.	No later than 12 months from the start of construction	7/31/12	Owner	AECOM	6/1/12	7/1/12		
					AQ-18b	COMM	Thirty (30) days prior to the compliance/certification tests the project owner shall provide a written test plan for District review and approval and CPM review.	Submit a test plan to the **District** for approval and **CPM** for review	at least 30 days prior to the compliance tests	8/26/12	EPC	Owner	6/27/12	7/27/12		
					AQ-18c	COMM	Written notice of the compliance/certification test shall be provided to the District ten (10) days prior to the tests required for AQ-19 & AQ-20 so that an observer may be present.	Notify the **District** and the **CPM** and request observer.	within 10 working days before the execution of the compliance tests	9/15/12	EPC	Owner	7/17/12	8/16/12		
					BLM ROD Section 1.4	CONS	Construction shall be completed within the time frames approved in the Plan of Development but no later than 24 months after start of construction or as otherwise approved by the BLM for phase construction.		no later than 24 months after start of construction or as otherwise approved by the BLM for phase construction	11/1/12	Owner					
	X				BIO-21e	CONS	BIG HORN SHEEP: Owner shall provide written verification to the BLM, CPM, and CDFG that no fewer than 929 acres of compensation lands or conservation easements that meet the criteria described in the condition have been acquired and recorded in favor of the approved recipient. Security shall be refunded to Project owner once land has been acquired and recorded in favor of the approved recipient	Submit documentation of acquisition and recording to **CPM, BLM**, and **CDFG**	No later than 18 months from initiation of construction	11/21/12	Owner	Wildlands	9/22/12	10/22/12		
		X	X		BIO-19q	CONS	SPECIAL STATUS PLANTS: Provide the CPM with a management plan for the compensation lands and associated funds . The CPM shall review and approve the management plan in consultation with CDFG and (if applicable) the USFWS.	Submit the required documentation to the CPM.	within 180 days of the land or easement purchase, as determined by the date on the title	11/29/12	Owner	Wildlands	9/30/12	10/30/12		
		X			BIO-20c	CONS	SAND DUNE/FRINGE-TOED LIZARD MITIGATION: The Project owner, or an approved third party, shall provide CPM, BLM, CDFG and USFWS with a management plan for the compensation lands and associated funds, as determined by the date on the title. the CPM shall review and approve the management plan, in consultation with CDFG and the USFWS.	Submit the required documentation to the **CPM, BLM**, **USFWS** and **CDFG**.	Within 180 days of the land or easement purchase	11/29/12	Owner		9/30/12	10/30/12		
	X	X	X		BIO-22e	CONS	STATE WATERS MITIGATION: The Project owner, or an approved third party, shall provide the CPM, BLM, CDFG and USFWS with a management plan for the compensation lands and associated funds.	The **CPM** and **BLM** shall review and approve the management plan, in consultation with **CDFG.**	Within 180 days of the land or easement purchase, as determined by the date on the title	11/29/12	Owner	Wildlands	9/30/12	10/30/12		

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					BIO-26g	CONS	COUCH'S SPADEFOOT TOAD: The Project owner, or an approved third party, shall provide the CPM, CDFG and USFWS with a management plan for the compensation lands and associated funds. The CPM shall review and approve the management plan, in consultation with CDFG.	Submit management plan for compensation lands to **CPM, CDFG**, and **USFWS**	within 180 days of the land or easement purchase, as determined by the date on the title	11/29/12	Owner	Wildlands	9/30/12	10/30/12		
					BIO-27	CONS	COUCH'S SPADEFOOT TOAD: The Project owner may choose to satisfy its mitigation obligations by paying an in lieu fee instead of acquiring compensation lands, pursuant to Fish and Game code sections 2069 and 2099 or any other applicable in-lieu fee provision, to the extent the in-lieu fee provision is found by the Commission to mitigate the impacts identified herein.	If electing to use this provision, the Project owner shall notify the Commission that it would like a determination that the Project's in-lieu fee proposal mitigate for the impacts identified herein.	TBD	11/29/12	Owner		9/30/12	10/30/12		SMECC is acquiring lands and will not likely use REAT option.
-	-	-	-		AQ-35a	CONS	The cooling tower drift rate shall not exceed 0.0005% with a maximum circulation rate of 6,034 gallons per minute. The maximum hourly PM10 emission rate shall not exceed 0.061 pounds per hour, as calculated per the written District-approved protocol.	The manufacturer guarantee data for the drift eliminator, showing compliance with this condition, shall be provided to the **CPM** and the **District**.	30 days prior to cooling tower operation	1/2/13	EPC	Owner	11/3/12	12/3/12		
					AQ-37	COMM	The operator shall conduct all required cooling tower water tests in accordance with a District-approved test and emissions calculation protocol.	Provide an emissions calculation and water sample testing protocol to the **District** for approval and **CPM** for review .	At least 30 days prior to the first cooling tower water test	1/2/13	EPC	Owner	11/3/12	12/3/12		
					BIO-25a	CONS	EVAP POND NETTING: Cover the evaporation ponds prior to any discharge with 1.5-inch mesh netting designed to exclude birds and other wildlife from drinking or landing on the water of the ponds. Netting with mesh sizes other than 1.5-inches may be installed if approved by the CPM in consultation with CDFG and USFWS. The netted ponds shall be monitored regularly to verify that the netting remains intact, is fulfilling its function in excluding birds and other wildlife from the ponds, and does not pose an entanglement threat to birds and other wildlife. The ponds shall include a visual deterrent in addition to the netting, and the pond shall be designed such that the netting shall never contact the water.	Provide to the CPM as-built drawings and photographs of the ponds indicating that the bird exclusion netting has been installed.	No less than 30 days prior to operation of the evaporation ponds	1/2/13	AECOM	EPC to procure and install netting	11/3/12	12/3/12		
					TLSN-03a	CONS	Use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity along the route for which the applicant provided specific estimates.	Take measurements before energization according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures.	Before energization	2/9/13	Owner	T/L Sub	12/11/12	1/10/13		
					TRANS-11b	CONS	Once the plan has been approved and implemented, the project owner shall provide documentation showing completion of the transmission line, including the required marking and lighting measures.	Submit required documentation.	Upon completion of transmission line	2/9/13	EPC	Owner	12/11/12	1/10/13		
-	-	-	-		AQ-24	CONS	The carbon adsorption systems shall provide 98% control efficiency of VOC emissions vented from the HTF ullage expansion tank under District permit [T010934, T010935, T010936, T010937].	Provide the **District** and **CPM** carbon adsorption manufacturer guarantee data showing compliance with this condition.	At least 30 days prior to installation of the carbon adsorption systems	3/2/13	EPC	Owner	1/1/13	1/31/13		
					AQ-03	COMM	The auxiliary boilers are subject to the federal NSPS codified at 40 CFR Part 60,Subparts A (General Provisions) and Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units).	Complete and submit to the CPM a compliance plan that provides a list of the 40 CFR 60 Subpart A and Dc plans, tests, and recordkeeping requirements and their compliance schedule dates as applicable for the boilers, or earlier as necessary.	at least 30 days prior to first fire of the boiler	3/23/13	EPC	Owner	1/22/13	2/21/13		
					WORKER SAFETY-02a	COMM	Submit a copy of the Project Operations and Maintenance Safety and Health Program containing the operation related plans: IIPP, Heat Stress Protection Plan that implements and expands on the existing CalOSHA regulations, a BMP for the storage and application of herbicides, an Emergency Action Plan, a Hazardous Materials Management Program, a FPP, and a PPE program.	The Operation Injury and Illness Prevention Plan, Emergency Action Plan, Heat Stress Protection Plan, BMP for Herbicides, and Personal Protective Equipment, and Personal Protective Equipment Program shall be submitted to the CPM for review and comment concerning compliance of the programs with all applicable safety orders.	At least 30 days prior to first fire or commissioning	3/23/13	Owner	EPC	1/22/13	2/21/13		
					WORKER SAFETY-02b	COMM	The Fire Prevention Plan and the Emergency Action Plan shall also be submitted to the Riverside County Fire Department for review and comment.	Provide a copy of a letter to the CPM from the Riverside County Fire Department stating the fire department's comments on the Operations Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to the start of first fire or commissioning	3/23/13	EPC	Owner	1/22/13	2/21/13		
1					HAZ-04	CONS	Place an adequate number of isolation valves in the Heat Transfer Fluid (HTF) pipe loops so as to be able to isolate a solar panel loop in the event of a leak of fluid such that the volume of a total loss of HTF from that isolated loop will not exceed 1,250 gallons. These valves shall be actuated manually, remotely, or automatically. The engineering design drawings showing the number, location, and type of isolation valves.	Provide the design drawings as described in the condition to the CPM for review and approval.	At least 30 days prior to the commencement of solar array piping construction	4/1/13	EPC	Owner	1/31/13	3/2/13		Talk to Doug re: due date; new milestones show fab/ship of solar field piping starting 3/22/11
					TLSN-03b	CONS	Submit the pre-energization measurements.	Submit the required information to the CPM.	Within 60 days after completion of measurements	5/31/13	Owner	T/L Sub	4/1/13	5/1/13		
1					HAZ-02b	CONS	After receiving comments from the RCEHD, the RCFD, and the CPM, revise the plan to reflect all recommendations in the final documents. Copies of the final HMBP shall then be provided to the RCEHD for information and to the CPM for approval.	Provide a final copy of each plan to the CPM for approval.	At least 60 days prior to receiving any hazardous material on site for commissioning or operations	4/20/13	AECOM	Owner	6/19/11	7/19/11		

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					TSE-07	CONS	The project Owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC GO-95 or NESC, Title 8, CCR, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", applicable interconnection standards, NEC and related industry standards. In case of non-conformance, the project Owner shall inform the CPM and CBO in writing, within 10 days of discovering such nonconformance and describe the corrective actions to be taken.	Transmit the following to the CPM and CBO: 1) as-built engineering descriptions and one-line drawings, signed and sealed by the registered electrical engineer; as-builts of the engineering description of the mechanical, structure, and civil portion of the transmission facilities, signed and sealed by the registered engineer in responsible charge or acceptable alternative verification; 2) "As built" drawings of the electrical, mechanical, structural, and civil portion of the transmission facilities shall be maintained at the power plant and made available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan"; and 3) a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Within 60 days after first synchronization of the project	5/10/13	Owner	T/L Sub	3/11/13	4/10/13		
-	-	-	-		AQ-17a	CONS	Establish an inspection and maintenance program to determine, repair, and log leaks in HTF piping network and expansion tanks. Refer to Items a-j in the condition for requirements of inspection and maintenance program including among others, recording for 5 years the amount of HTF replaced on a monthly basis. [**Note: this Condition was modified by Air District in its Authority to Construct issued on 10-19-10 to define a potential leak. The corresponding condition in the air district's ATC for each HTF Expansion Tank now reads: HTF Expansion Tank, Condition 5, (e): "If a leak greater than 100 ppm above background is found, the leaking component shall be repaired, replaced or removed within 7 calendar days of**	Submit the inspection and maintenance plan to the CPM for review and approval. Inspection and maintenance program and documentation shall be available to District staff upon request.	at least 30 days before taking delivery of the HTF	5/20/13	EPC	Owner	3/21/13	4/20/13		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes.
					NOISE-07	CONS	If a traditional, high-pressure steam blow process is used, equip the steam blow piping with a temporary silencer that quiets the noise of steam blows to no greater than 89 dBA measured at a distance of 100 feet. The steam blows shall be conducted between 8:00 a.m. and 5:00 p.m. unless arranged with the CPM such that offsite impacts would not cause annoyance to receptors. If a low-pressure, continuous steam blow process is used, the project owner shall submit to the CPM a description of the process, with expected noise levels and planned hours of steam blow operation.	Notify all residents or business owners within one mile of the project site boundary. The notification may be in the form of letters, phone calls, fliers, or other effective means as approved by the CPM. The notification shall include a description of the purpose and nature of the steam blow(s), the planned schedule, expected sound levels, and explanation that it is a one-time activity and not part of normal plant operation.	At least 15 days prior to the first steam blow	6/30/13	EPC	Owner	5/1/13	5/31/13		
					AQ-18a	COMM	Submit to the District a compliance test protocol and conduct all required compliance/certification tests in accordance with a District-approved test plan.	Provide a compliance test protocol to the **District** for approval and **CPM** for review	no later than 60 days after start-up	7/27/13	EPC	Owner	11/24/13	6/27/13		
					PH-01	CONS	Develop and implement a Cooling Water Management Plan to ensure that the potential for bacterial growth in all four wet cooling towers is kept to a minimum. The Plan shall be consistent with either staff's —Cooling Water Management Program Guidelines or with the Cooling Technology Institute's —Best Practices for Control of Legionella guidelines but in either case, the Plan must include sampling and testing for the presence of Legionella bacteria at least every six months. After two years of power plant operations, the Project owner may ask the CPM to re-evaluate and revise the Legionella bacteria testing requirement.	Submit the Cooling Water Management Plan to the CPM for review and approval.	At least 60 days prior to the commence-ment of cooling tower operations	7/27/13	AECOM	Owner	5/28/13	6/27/13		
1	X				BIO-21b(4)	CONS	BIG HORN SHEEP: The Project owner shall provide written verification to the CPM that construction of the water source has been completed. At the same time, the Project owner shall: (1) provide a monitoring and management plan for bighorn use of the water source; and (2) provide evidence of an agreement (Memorandum of Understanding) and a funding mechanism to provide ongoing maintenance of the water source by BLM or some other party approved by the CPM in consultation with BLM and CDFG.	Provide written verification to the CPM.	No later than 24 months following project ground disturbing actittvies	7/31/13	Owner		6/1/13	7/1/13		SMUCC does not plan on constructing water source
					AQ-18d	COMM	A written report with the results of such compliance/certification tests shall be submitted to the District.	Test results shall be submitted to the **District** and to the **CPM**.	within 45 days after the tests are conducted	8/22/13	EPC	Owner	6/23/13	7/23/13		
					TLSN-05	CONS	Ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	Transmit to the CPM a letter confirming compliance with this condition.	At least 30 days before lines are energized	8/26/13	Owner	T/L Sub	6/27/13	7/27/13		
					BIO-15b	OPS	AVIAN QUARTERLY MONITORING REPORTS: The DB shall submit quarterly reports to the CPM, CDFG, and USFWS describing the dates, durations, and results of monitoring. The quarterly reports shall provide a detailed description of any Project-related bird or wildlife deaths or injuries detected during the monitoring study or at any other time and describe adaptive management measures implemented to avoid or minimize deaths or injuries.	Quarterly reporting shall continue until the CPM, in consultation with CDFG and USFWS determine whether more years of monitoring are needed, and whether mitigation and adaptive management measures are necessary.	Quarterly for one year following the beginning of power plant operation	9/1/13	Owner	Plant Operator	Quarterly	Quarterly		
					AQ-11a	OPS	Perform annual compliance tests on the natural gas fired auxiliary boiler equipment in accordance with the MDAQMD Compliance Test Procedural Manual. The following compliance tests are required: a. NOx as NO2 in ppmvd at 3% oxygen and lb/hr (measured per USEPA Reference Methods 19 and 20). b. CO in ppmvd at 3% oxygen and lb/hr (measured per USEPA Reference Method 10). c. Flue gas flow rate in dscf per minute. d. Opacity (measured per USEPA reference Method 9)	Notify the **District** and the **CPM** before the execution of the initial compliance test.	Within 15 working days before the execution of the compliance test	9/10/13	Owner	Plant Operator	7/12/13	8/11/13		
					AQ-59b	COMM	See test requirements in a above.	Notify the District prior to performing the test.	minimum of 10 days prior to performing the required tests	9/15/13	EPC	Owner	7/17/13	8/16/13		
					TSE-06a	CONS	Provide the California ISO a letter stating the proposed date of synchronization.	Provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid.	At least one week prior to synchronizing the facility with the grid for testing	9/18/13	Owner	T/L Sub	7/20/13	8/19/13		

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					TSE-06b	CONS	Provide telephone notification to the California ISO Outage Coordination Department.	Contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300.at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	At least one business day prior to synchronizing the facility with the grid for testing	9/24/13	Owner	T/L Sub	7/26/13	8/25/13		
					TSE-06c	CONS	Contact the CAL ISO and send a report of conversation documenting the conversation; send an electronic copy of the record of conversation to the CPM.	Provide the requested information to the CAL ISO and CPM.	One day before synchronizing the facility with the CA transmission system for the first time	9/24/13	Owner	T/L Sub	7/26/13	8/25/13		
		X			BIO-26b	CONS	COUCH'S SPADEFOOT TOAD: The Protection and Mitigation Plan shall include, at a minimum: habitat survey results; impacts assessment from habitat disturbance from construction, noise from construction, operations, and potential ORV traffic; increased access for vehicles from road construction or improvements; changes in breeding habitat due to changes in flow levels and flow patterns to breeding ponds; increased traffic from construction and operations; risk of exposure to elevated selenium and salinity levels in evaporative ponds; and increased risk of predation; avoidance and minimization measures; and mitigation if complete avoidance of the ponds or other breeding sites identified during surveys is not possible (the Protection and Mitigation Plan shall include plans to create additional breeding habitats (ephemeral pond) at least equal in area to the acreage of ponds being impacted). Alternatively, the Project owner may purchase mitigation land that has the potential for ponding that is equal to or greater than the ponds identified as potential Toad breeding ponds within the Project disturbance area. If ponds are to be created, thecreated ponds shall be capable of holding water for at	If the Protection and Mitigation Plan includes creation of ponds, the number and acreage of created ponds shall be described in the plan. The Project owner shall provide to the CPM as-built drawings and photographs of the created ponds and maps showing the size and location of the ponds in relation to project features.	No less than 90 days prior to operation of project	10/2/13	AECOM	EPC to install and repair any necessary ESA fencing inside disturbance area as identified by AECOM; outside disturbance area, buffer fencing TBD if EPC	6/4/13	9/2/13		
					TRANS-09	CONS	To reduce glint and glare from the Project, the Project Owner shall implement the following measures during operation of any Unit: • Ensure the mirrors are (1) brought out of stowage before sunrise and are aligned to catch the first rays of the morning sun; and (2) returned to stow position after sunset. • Mirror function shall be continuously monitored both by operators and by system controls. The field control system shall be designed such that in all cases of a malfunctioning mirror the field control system will automatically turn a malfunctioning mirror east in a manner so that there is no reflection from the sun as the sun continues west. The Project owner shall establish and implement procedures to consistently move mirrors to the east vertical plus 1 degree if looking west and to east stow if looking east. The movement to a non glare position shall take no more than 10 minutes. • To the extent feasible the mirrors in the southern portion of Units 3 and 4 shall not be rotated off axis during daylight hours when the azimuth angle of the sun is east or north of east.	Prepare and submit to the CPM for review and approval a plan describing the measures to be taken to reduce glint and glare. Upon approval, the Project owner shall implement the plan.	No less than 90 days prior to the start of operation of any Unit of the Project	10/2/13	EPC	Owner	8/3/13	9/2/13		
					WORKER SAFETY-09a	CONS	Owner shall participate in annual joint training exercises with the Riverside County Fire Department (RCFD). Owner shall coordinate this training with other Energy Commission-licensed solar power plants within Riverside County such that this project shall host the annual training on a rotating yearly basis with the other solar power plants.	Owner shall submit to the CPM proof that a joint training program with the RCFD is established.	At least 10 days prior to the start of commissioning	10/19/13	EPC	Owner	8/20/13	9/19/13		
					COM-11	CONS	In order to ensure that public health and safety and the environment are protected in the event of an unplanned temporary facility closure, it is essential to have an on-site contingency plan in place. The on-site contingency plan will help to ensure that all necessary steps to mitigate public health and safety impacts and environmental impacts are taken in a timely manner. Refer to condition for greater details.	Submit an on-site contingency plan for CPM review and approval. The approved plan must be in place during commercial operation of the facility and shall be kept at the site at all times. In the event of an unplanned temporary closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan.	no less than 60 days (or other time agreed to by the CPM) prior to COD	11/1/13	Owner		9/2/13	10/17/13		
					S&W-05i	OPS	If mitigation includes monetary compensation, provide documentation showing compensation payments have been made of each year of project operation. The project owner shall notify any owners of the impacted wells within one month of the CPM approval of the compensation analysis for increased energy costs.	Submit the required documentation to the CPM for review and approval.	No later than March 31 of each year of construction or 60 days prior to Project operation	11/1/13	AECOM	Plant Operator	9/2/13	10/2/13		
					S&W-15c(2)	OPS	The project owner shall ensure the Project Operation Managers receive training on the Channel Maintenance Program	Provide written notification that they plan to adopt and implement the measures identified in the approved Channel Maintenance Program.	At least 60 days prior to the start of commercial operation	11/1/13	Owner	Plant Operator	9/2/13	10/2/13		
					S&W-18 BLM	CONS	The proposed evaporation ponds shall be sized so as to maintain no less than one foot of freeboard during storm conditions. Specifically, the ponds shall be sized to accommodate operational discharges plus a 25-year storm event, with no less than one foot of freeboard.	Submit design critiera as required.	at least 60 days prior to commencement of operations at the site	11/1/13	EPC	AECOM drafting	9/2/13	10/2/13	CEC's stricter requirement has already been met. No further action is necessary.	Approved by BLM per Jim Miggliore's email of 3/21/11

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					S&W-18a	CONS	The Project is subject to the requirement of Title 22, Article 3, Sections 64400.80 through 64445 for a non-transient, non-community water system (serving 25 people or more for more than six months). In addition, the system shall require periodic monitoring for various bacteriological, inorganic and organic constituents.	Submit the equivalent County of Riverside requirements to operate a non-transient, non-community water system . The requirements will be in accordance with the County of Riverside requirements for a non-transient, noncommunity water system. In addition, the Project Owner shall submit to the CPM a monitoring and reporting plan for production wells operated as part of the domestic water supply system prior to plant operations. **The plan shall include reporting requirements including monthly, quarterly and annual submissions**	at least 60 days prior to commencement of operations at the site	11/1/13	EPC	AECOM drafting	9/2/13	10/2/13		
					TRANS-08a	CONS	Prepare an Avigation Easement in accordance with Appendix D of the California Airport Land Use Planning Handbook and have it signed by the BLM.	Owner shall submit a BLM-signed avigation easement to the CPM for review and approval.	At least 60 days prior to the operation of any phase of project	11/1/13	Owner		9/2/13	10/2/13		
					TRANS-08b	CONS	Once approved by the CPM, send the Avigation Easement to the Riverside County Land Use Commission staff for review and recording purposes.	Submit easement to County for review and recording.	Upon approval of BLM avigation easement from CPM	11/1/13	Owner		TBD	TBD		
					TRANS-08c	CONS	Once recorded with County, send a copy of the recorded document to the CPM.	Submit documentation to CPM.	Upon recording with County	11/1/13	Owner		TBD	TBD		
					WORKER SAFETY-05b	OPS	During operations, all power plant employees shall be trained in its use. The training program shall be submitted to the CPM for review and approval.	Submit the training program to the CPM for review and approval.	60 days before the start of operations	11/1/13	Owner	Plant Operator	9/2/13	10/2/13		
					AQ-10c	COMM	Prepare a report containing the test results.	The test report shall be submitted to the **District** and the **CPM.**	Within six weeks of performance of test	11/6/13	EPC	Owner	9/7/13	10/7/13		
					TLSN-03c	CONS	Use a qualified individual to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity along the route for which the applicant provided specific estimates.	Take measurements after energization according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures.	After energization	11/24/13	Owner	T/L Sub	9/25/13	10/25/13		
-	-	-	-		AQ-25	CONS	Prepare a monitoring and change-out plan for the carbon adsorptions system which ensures that the system is operating at optimal control efficiency at all times for District approval prior to start up.	Submit a monitoring and change-out plan for the carbon adsorptions system for **District approval** and **CPM review**.	Prior to facility start-up	12/1/13	EPC	Owner	10/2/13	11/1/13		
					AQ-SC06a	COMM	When obtaining dedicated on-road or off-road vehicles for mirror washing activities and other facility maintenance activities, only obtain vehicles that meet California on-road vehicle emission standards or appropriate USEPA/CA off-road engine emission standards for the latest model year when obtained.	Submit to the CPM a copy of the plan that identifies the size and type of the on-site vehicle and equipment fleet and the vehicle and equipment purchase orders and contracts and/or purchase schedule.	At least 30 days prior to the start of commercial operation	12/1/13	Owner	EPC	10/2/13	11/1/13		
-	-	-	-		AQ-SC07a	OPS	Provide a site Operations Dust Control Plan, including all applicable fugitive dust control measures identified in the verification of AQSC3 that would be applicable to minimizing fugitive dust emission creation from operation and maintenance activities and preventing all fugitive dust plumes that would not comply with the performance standards identified in AQ-SC4 from leaving the project site. See items A and B in the condition as well as specific information regarding stabilizers	Submit to the CPM for review and approval a copy of the site Operations Dust Control Plan that identifies the dust and erosion control procedures, including effectiveness and environmental data for the proposed soil stabilizer, that will be used during operation of the project and that identifies all locations of the speed limit signs.	At least 30 days prior to the start of commercial operation	12/1/13	Owner	Plant Operator	10/2/13	11/1/13		
	X	X	X		BIO-23b	CONS	Submit a final Decommissioning and Reclamation Plan.	Submit the final plan to the **CPM** for review and the **BLM** for approval.	Prior to the start of commercial operation	12/1/13	AECOM		8/3/13	11/1/13		
					S&W-08	COMM	Comply with the requirements of the County of Riverside Ordinance Code Title 8, Chapter 8.124 and the California Plumbing Code (California Code of Regulations Title 24, Part 5) regarding sanitary waste disposal facilities such as septic systems and leach fields. The septic system and leach fields shall be designed, operated, and maintained in a manner that ensures no deleterious impact to groundwater or surface water. Compliance shall include an engineering report on the septic system and leach field design, operation, maintenance, and loading impact to groundwater. If it is determined based on the engineering report that groundwater may be impacted, the project owner shall include a groundwater quality monitoring program. This program can utilize monitoring wells (if appropriate) used as part of groundwater monitoring in Condition of Certification SOIL&WATER-7. The engineering report will specify the proposed groundwater monitoring program (if required), constituents of concern, monitoring frequency and other elements as needed as part of any groundwater monitoring program.	Submit all necessary information and the appropriate fee to the **County of Riverside** and the **CRBRWQCB** to ensure that the project has complied with county and state sanitary waste disposal facilities requirements. Written assessments prepared by the County of Riverside and the CRBRWQCB regarding the project's compliance with these requirements must be submitted to the CPM for review and approval.	30 days prior to the start of power plant operation	12/1/13	EPC	Owner	10/2/13	11/1/13		
					TRANS-07	CONS	Prior to the start of operation, seek and obtain FAA approval to insert comments or notations in the appropriate Aeronautical Charts, Airport/Facilities Directories, and Notice to Airmen (NOTAM) publication, to ensure that pilots are properly notified of the location of BSPP and the possible existence of thermal plumes and glint or glare from the solar arrays.	Owner shall provide documentation that the AFD, NOTAM publication has been modified accordingly.	At least 30 days prior to the start of operation of any phase of the project	12/1/13	Owner	AECOM	TBD	TBD		
					VIS-01c	COMM	Prior to the start of commercial operation, notify the CPM that surface treatment of all listed structures and buildings has been completed and they are ready for inspection and shall submit to each one set of electronic color photographs from project KOPs.	Provide a status report regarding surface treatment maintenance in the ACR. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year	Prior to the start of commercial operation	12/1/13	EPC	Owner	10/2/13	11/1/13		
					VIS-03c	COMM	Notify the CPM that the lighting has been completed and is ready for inspection.	If after inspection, the CPM notify the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify and the CPM that the modifications have been completed and are ready for inspection.	Prior to the start of commercial operation	12/1/13	EPC	Owner	10/2/13	11/1/13		

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					WASTE-07a	CONS	Prepare an Operation Waste Management Plan that contains, at a minimum, the following items: a detailed description of all operation and maintenance waste streams, including projections of amounts to be generated, frequency of generation, and waste hazard classifications; management methods to be used for each waste stream, including temporary on-site storage, housekeeping and best management practices to be employed, treatment methods and companies providing treatment services, waste testing methods to ensure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/source reduction plans; information and summary records of conversations with the local Certified Unified Program Agency and the Department of Toxic Substances Control regarding any waste management requirements necessary for project activities; a detailed description of how facility wastes will be managed and any contingency plans to be employed, in the event of an unplanned closure or planned temporary facility closure; and a detailed description of how facility wastes will be managed and disposed upon	Submit the Operation Waste Management Plan to the CPM for approval. Copies of all required waste management permits, notices, and/or authorizations shall be included in the plan.	No fewer than 30 days prior to the start of project operation	12/1/13	EPC	Owner	10/2/13	11/1/13		
					AQ-59c	COMM	See test requirements in a above.	Submit the final results to the District.	within 30 days of completion of the tests	12/26/13	EPC	Owner	10/27/13	11/26/13		
					AQ-07	OPS	Maintain an onsite current operations log for the auxiliary boiler equipment that includes at a minimum the following information: a. Total operation time (hours per day, hours per year); b. Fuel use (daily, monthly and cumulative hours/rolling twelve months); c. Maximum hourly, maximum daily, total quarterly, and total calendar year emissions of NOx, CO, PM10, VOC and SOx (including calculation protocol); and, d. Any permanent changes made to the equipment that would affect air pollutant emissions, and indicate when changes were made.	Prepare a current operations log that includes the requested information. The log shall be maintained for 5 years and provided to the District upon request. Make the site available for inspection of records by representatives of the District, ARB, and CEC.	Ongoing during first five years of operation	12/31/13	Owner	Plant Operator	11/1/13	12/1/13		
			X	X	BIO-22i	CONS	STATE WATERS: Notify the CPM and CDFG in writing prior to completion of Project activities in jurisdictional areas.	Submit the required documentation to the **CPM** and **CDFG**.	At least 5 days prior to completion of Project activities in jurisdictional state waters	12/31/13	AECOM	Owner	11/1/13	12/1/13		
					AQ-11b	OPS	Submit the test results to the District and the CPM.	Submit the required info to the **District** and **CPM**.	Within 6 weeks of the dates of the tests	1/7/14	Owner	Plant Operator	11/8/13	12/8/13		
					TLSN-03d	CONS	Submit the post-energization measurements.	Submit the required information to the CPM.	Within 60 days after completion of measurements	3/8/14	Owner	T/L Sub	1/7/14	2/6/14		
					BIO-07g	POST CONS	A written construction termination report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the Project's reconstruction site mobilization and construction-related ground disturbance, grading, boring, and trenching, and which mitigation and monitoring items are still outstanding.	Provide the report to the CPM.	Within 30 days after completion of Project construction	1/30/14	AECOM	Owner	12/1/13	12/31/13		
2					BIO-07i	POST CONS	Provide a final accounting in whole acres of the areas of vegetation communities/cover types present after construction. Construction acreages shall be rounded to the nearest acre.	Submit the required information to the CPM.	Within 30 days after completion of Project construction	1/30/14	AECOM	Owner	11/1/13	12/31/13		
					BIO-08a(2)	POST CONS	Provide to the CPM a written construction termination report identifying how the measures described in Items 1-7 have been completed.	Provide the report to the CPM for review and approval.	Within 30 days after completion of project construction	1/30/14	AECOM	Owner	11/1/13	12/31/13		
					BIO-08c	POST CONS	Provide a written report identifying which items of the Revegetation Plan have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which items are still outstanding.	Provide the report to the CPM for review and approval.	Within 30 days after completion of project construction	1/30/14	AECOM	EPC will provide SWPPP hydroseeding support	12/1/13	12/31/13		
					BIO-13c	POST CONS	RAVEN MGMT PLAN COMPLETION REPORT: Provide a written report identifying which items of the Raven Plan have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which items are still outstanding.	Provide the report to the CPM for review and approval.	Within 30 days after completion of Project construction	1/30/14	AECOM	Owner	12/1/13	12/31/13		
					BIO-14b	POST CONS	WMP COMPLETION REPORT: A written report identifying which items of the WMP have been completed, a summary of all modifications to mitigation measures made during the Project's construction phase, and which items are still outstanding.	Provide the report to the CPM for review and approval.	Within 30 days after completion of Project construction	1/30/14	AECOM	Owner	12/1/13	12/31/13		
					BIO-18h	POST CONS	BURROWING OWL POST CONSTRUCTION REPORT: Provide a report identifying how mitigation measures described in the plan have been completed.	Submit the required documentation to the **CPM** and **CDFG** for review and approval.	Within 30 days after completion of construction	1/30/14	AECOM	Owner	11/1/13	12/31/13		
					BIO-19t	POST CONS	SPECIAL STATUS PLANTS: Provide a written construction termination report identifying how measures in the Special-Status Plant Species Avoidance and Mitigation Plan have been completed.	Provide the report to the **CPM** for review and approval, in consultation with **BLM State Botanist**.	Within 30 days after completion of Project construction	1/30/14	AECOM	Owner	12/1/13	12/31/13		
				X	BIO-28c	CONS	Prior to initiating Phase 2 of construction the project owner shall submit the actual construction schedule, a figure depicting the locations of proposed construction and amount of acres to be disturbed for that phase to CDFG, USFWS and BLM for review and to the CPM for review and approval. The description for each phase shall include the proposed construction schedule, a figure depicting the locations of proposed construction and amount of acres of each habitat type to be disturbed.	The tables in the Condition shall be refined prior to the start of Phase 2 with the disturbance area adjusted to reflect the final project footprint for the phase. Prior to initiating Phase 2 construction the project owner shall submit the actual construction schedule, a figure depicting the locations of proposed construction and amount of acres to be disturbed for that phase to CDFG, USFWS and BLM for review and to the CPM for review and approval. The description for Phase 2 shall include the proposed construction schedule, a figure depicting the locations of proposed construction and amount of acres of each habitat type to be disturbed.	No less than 30 days prior to the start of desert tortoise clearance surveys for each phase	1/30/14	AECOM	EPC	12/1/13	12/31/13		

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					CIVIL-04	CONS	After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	Submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, along with a copy of the transmittal letter to the CPM. Submit a copy of the CBO's approval to the CPM in the next MCR.	Within 30 days of completion of work or CBO approved time frame	1/30/14	EPC	Owner	12/1/13	12/31/13		
				X	CUL-06h	CONS	Notify the CPM that the CRS has initiated the pedestrian surface survey of the northwestern edge of site CA-Riv-3419, with the permission of the BLM.	Submit the required notification to the CPM.	At least 30 days prior to the start of ground disturbance within 30 meters of the northeastern portion of site CA-Riv-3419 that the project will impact	1/30/14	AECOM	Owner	TBD	TBD	12/15/2010 2010-161	Pending CEC Approval
					CUL-06k	POST CONS	Prepare and present materials that interpret the PQAD for the public. Project owner shall propose at least one outreach project, examples may include one-time preparation of an instructional module or one-time preparation of a public interpretation brochure.	Ensure, as appropriate, the product's installation, implementation, or display.	Upon the CPM's approval of the public outreach product	1/30/14	AECOM	Owner	12/1/13	1/15/14		
					NOISE-04a	CONS	The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the operation of the project will not cause the noise levels due to plant operation alone, during the daytime hours of 7 a.m. to 10 p.m. to exceed an average of 49 dBA Leq measured at or near monitoring location LT.	Conduct a 25-hour community noise survey at monitoring location LT, or at a closer location acceptable to the CPM. This survey shall also include measurement of one-third octave band sound pressure levels to ensure that no new pure-tone noise components have been caused by the project.	within 30 days of the project first achieving a sustained output of 85% or greater of rated capacity	1/30/14	EPC	Owner	12/31/13	1/15/14		
2					NOISE-05	OPS	Following the project's attainment of a sustained output of 85% or greater of its rated capacity, conduct an occupational noise survey to identify any noise hazardous areas in the facility. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. Prepare a report of the survey results and, if necessary, identify proposed mitigation measures to be employed in order to comply with the applicable California and federal regulations.	Submit the noise survey report to the CPM and make the report available to OSHA and Cal-OSHA upon request.	Within 30 days after completing the survey	1/30/14	Owner	Plant Operator	12/1/13	12/31/13		
					VIS-02	CONS	Revegetate disturbed soil areas to the greatest practical extent, as described in Condition of Certification BIO-8. In order to address specifically visual concerns, the required Closure, Revegetation and Rehabilitation Plan shall include reclamation of the area of disturbed soils used for laydown, project construction, and siting of the other ancillary operation and support structures.	Refer to Condition of Certification BIO-8	Within 30 days after completion of Project construction	1/30/14	AECOM	AECOM is to provide further clarification on steps necessary for Owner to implement Reveg Plan for salvage of soil & plant material (EPC will be done and out of site at time this work as to be done)	12/1/13	12/31/13		EPC implementing plan prepared by AECOM
					BIO-26c	OPS	COUCH'S SPADEFOOT TOAD: The Project owner shall submit reports to the CPM documenting the capacity of the created ponds to hold water for at least 9 days during the spadefoot toad breeding season. If ponds fail to hold water as described above the Project owner shall implement remedial actions. The annual reporting may be terminated upon satisfactory demonstration of this performance standard, and with approval of the CPM.	Submit required annual reports to the CPM.	On January 31st of every year following initiation of operation	1/31/14	Owner	Plant Operator	10/3/13	1/1/14		
					BIO-11c	OPS	The DB shall provide the CPM a Final Listed Species Mitigation Report that includes, at a minimum: 1) a copy of the table in the BRMIMP with notes showing when each of the mitigation measures was implemented; 2) all available information about Project-related incidental take of listed species; 3) information about other Project impacts on the listed species; 4) construction dates; 5) an assessment of the effectiveness of conditions of certification in minimizing and compensating for Project impacts; 6) recommendations on how mitigation measures might be changed to more effectively minimize and mitigate the impacts of future Projects on the listed species; and 7) any other pertinent information, including the level of take of the listed species associated with the Project. Beginning with the first month after cleaning, grubbing, and grading are completed and continuing every month until construction is complete, submit a report describing the results of the Monthly Compliance Inspections to the CPM, BLM, USFWS, and CDFG.	Provide the report to the CPM for review and approval.	No later than 45 days after initiation of Project operation	2/14/14	AECOM	Plant Operator	12/16/13	1/15/14		

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CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

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				x	BIO-13b(3)	CONS	RAVEN MANAGEMENT PLAN FUNDING: The Project owner shall also provide funding for implementation of the USFWS Regional Raven Management Program, as described in the Condition. The one time fee shall be as described in the cost allocation methodology (Exhibit 213, Renewable Energy Development And Common Raven Predation on the Desert Tortoise – Summary, dated May 2010; Cost Allocation Methodology for Implementation of the Regional Raven Management Plan, dated July 9, 2010) or more current guidance as provided by USFWS or CDFG	Provide documentation to the CPM, BLM, CDFG, and USFWS that the one-time fee for the USFWS Regional Raven Management Program has been deposited to the REAT-NFWS subaccount for the Project. Current estimate for the fee for the USFWS Regional Raven Management Program is $105/acre. Phase 2 disturbance is estimated to be 3,193 acres.	No less than 10 days prior to start of any Project-related ground disturbance activities	2/19/14	Owner		12/21/13	1/20/14		Phase 2 payment
					AQ-59a	COMM	Perform the following tests: a. Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks shall be conducted per EO VR-401-B Exhibit 4;and b. Phase I Adapters, Emergency Vents, Spill Container Drain Valve, Dedicated gauging port with drop tube and tank components, all connections, and fitting shall NOT have any detectable leaks; test methods shall be per EO VR-401-B Table 2-1, and c. Liquid Removal Test (if applicable) per TP-201.6, and Summary of Test Data shall be documented on a Form similar to EO VR-401-B Form 1. **[Note: ATC issued on 10-19-10 references updated order applicable to gasoline tanks--new order # EO VR-401-B is**	Owner shall perform the tests. Make the site available for inspection of equipment and the results for the tests by representatives of the District, ARB, and the CEC.	within 60 days of construction completion and annually thereafter	3/1/14	EPC	Owner	12/31/13	1/30/14		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes.
	-	-	-	-	AQ-SC07b	OPS	Provide a report identifying the locations of all speed limit signs, and a copy of the project employee and contractor training manual that clearly identifies that project employees and contractors are required to comply with the dust and erosion control procedures and on-site speed limits.	Provide the report to the CPM.	Within 60 days after commercial operation	3/1/14	Owner	Plant Operator	12/31/13	1/30/14		
2					BLM ROD Section 1.4.1	POST CONS	At the conclusion of project construction or as project phases are completed, as-built drawings must be provided to the BLM for the purpose of conforming the ROW to the as-built locations.		At the conclusion of construction	3/1/14	EPC	Owner				
					GEN-01a	CONS	Design, construct, and inspect the project in accordance with the 2007 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Building Standards Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval (the CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously).	Submit to the CEC CPM a statement of verification signed by responsible design engineer attesting that all design, construction, installation and inspection requirements of the applicable LORS and CEC Final Decision has been met in the area of facility design.	Within 30 days following receipt of Certificate of Occupancy	3/1/14	EPC	Owner	12/31/13	2/14/14		KPE SENT SPECS. FOR GEO TO CBO ON 8/30/10
					NOISE-04b	CONS	If the results from the noise survey indicate that the power plant noise at the affected receptor site exceeds the above value during the above time period, mitigation measures shall be implemented to reduce noise to a level of compliance with this limit.	Submit a summary report of the new survey to the CEC CPM, performed as described above and showing compliance with this condition. Included in the survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM approval, for implementing these measures	Within 15 days of completion of the survey	3/1/14	EPC	Owner	1/30/14	2/14/14		
2					S&W-05j(1)	OPS	On a quarterly basis for the first year of operation and semi-annually thereafter for the following four years, collect water level measurements from any wells identified in the groundwater monitoring program to evaluate operational influence from the Project. Quarterly operational parameters (i.e., pumping rate) of the water supply wells shall be monitored as access allows for those wells within the monitoring network. Wells outside the network and their influence on pumping within the network shall be evaluated on a quarterly basis to understand well interference from sources of pumping outside the Project area.	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	30 days following the end of the quarter	3/1/14	Owner	Plant Operator	12/31/13	1/30/14		
2					S&W-05k	OPS	On an annual basis, perform statistical trend analysis for water levels data and comparison to predicted water level declines due to project pumping. Analysis of the significance of an apparent trend shall be determined and the magnitude of that trend estimated. Pressure transducer data from groundwater level measuring devices will be used to assess seasonality and diurnal trends in the water level data. Based on the results of the statistical trend analyses and comparison to predicted water level declines due to Project pumping, the project owner shall determine the area where the Project pumping has induced a drawdown in the water supply at a level of 5 feet or more below the baseline trend.	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	30 days following the end of the quarter	3/1/14	Owner	Plant Operator	12/31/13	1/30/14		
2					S&W-05l	OPS	If water levels have been lowered more than 5 feet below pre-site operational trends, and monitoring data provided by the project owner show these water level changes are different from background trends or other groundwater pumping and are caused by Project pumping, then the project owner shall provide mitigation to the impacted well owner(s). Mitigation shall be provided to the impacted well owners that experience 5 feet or more of Project-induced drawdown if the CPM's inspection of the well monitoring data confirms changes to water levels and water level trends relative to measured pre-project water levels, and the well (private owners well in question) yield or performance has been significantly affected by Project pumping. The type and extent of mitigation shall be determined by the amount of water level decline induced by the Project, the type of impact, and site specific well construction and water use characteristics. If an impact is determined to be caused by drawdown from more than one source, the level of mitigation provided shall be proportional to the amount of drawdown induced by the Project relative to other sources. In order to be	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	30 days following the end of the quarter	3/1/14	Owner	Plant Operator	12/31/13	1/30/14		

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2					S&W-05n	OPS	b. If groundwater monitoring data indicate Project pumping has lowered water levels below the top of the well screen, and the well yield is shown to have decreased by 10 percent or more of the pre-Project average seasonal yield, compensation shall be provided for the diagnosis and maintenance to treat and remove encrustation from the well screen. Reimbursement shall be provided at an amount equal to the customary local cost of performing the necessary diagnosis and maintenance for well screen encrustation. Should the well yield reductions be recurring, the project owner shall provide payment or reimbursement for periodic maintenance throughout the life of the Project. If with treatment the well yield is incapable of meeting 110 percent of the well owner's historic operational maximum daily demand, dry season demand, or annual demand, or the wells sustainable maximum yield demonstrated through well testing, the well owner should be compensated by reimbursement or well replacement as described under 3.c. below.	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	30 days following the end of the quarter	3/1/14	Owner	Plant Operator	12/31/13	1/30/14		
2					S&W-05o	OPS	c. If Project pumping has lowered water levels to significantly impact well yield so that it can no longer meet its intended purpose, causes the well to go dry, or cause casing collapse, payment or reimbursement of an amount equal to the cost of deepening or replacing the well shall be provided to accommodate these effects. Payment or reimbursement shall be at an amount equal to the customary local cost of deepening the existing well or constructing a new well of comparable design and yield (only deeper). The demand for water, which determines the required well yield, shall be determined on a per well basis using well owner interviews, historic well operational records and well testing data, field verification of property conditions and water requirements that are compiled as part of the pre-project well reconnaissance. Well yield shall be considered significantly impacted if it is incapable of meeting 110 percent of the well owner's historical operational maximum daily demand, dry-season demand, or annual demand as documented by the pre-Project historical operational records or 100% of the maximum sustainable well yield as provided in historic well testing data. If historic well testing	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	30 days following the end of the quarter	3/1/14	Owner	Plant Operator	12/31/13	1/30/14		
					TRANS-05c	COMM	Meet with the CPM, the County of Riverside and Caltrans District 8 to identify sections of public right-of-way to be repaired.	Establish a schedule to complete the repairs and to receive approval for the action(s). Following completion of any public right-of-way repairs, the project owner shall provide a letter signed by the County of Riverside and Caltrans District 8 stating their satisfaction with the repairs to the CPM.	Within 60 days after completion of construction	3/1/14	EPC	Owner	12/31/13	1/30/14		
					AQ-10b	COMM	The initial compliance test shall be for all items listed in condition AQ-4 above, in addition to: a. NOx as NO2 in ppmvd at 3% oxygen and lb/hr (measured per USEPA Reference Methods 19 and 20). b. CO in ppmvd at 3% oxygen and lb/hr (measured per USEPA Reference Method 10). c. PM10 in mg/m3 at 3% oxygen and lb/hr (measured per USEPA Reference Methods 5 and 202 or CARB Method 5). d. Opacity (measured per USEPA reference Method 9). e. Flue gas flow rate in dscf per minute. f. VOC as CH4 in ppmvd at 3% oxygen and lb/hr (measured per USEPA Reference Methods 25A and 18). g. SOx as SO2 in ppmvd at 3% oxygen calculated based on fuel supplier provided information.	Notify the **District** and the **CPM**.	Within 15 days before executing initial compliance test	3/9/14	EPC	Owner	1/8/14	2/7/14		
					AQ-10a	COMM	Perform an initial compliance test on the natural gas fired auxiliary boiler equipment in accordance with the MDAQMD Compliance Test Procedural Manual.	Conduct an intial compliance test.	Within 180 days of initial start up	3/24/14	EPC	Owner	1/23/14	2/22/14		
					AQ-19	COMM	Perform the following initial compliance tests on this equipment in accordance with the MDAQMD Compliance Test Procedural Manual: a. VOC as CH4 in ppmvd and lb/hr (measured per USEPA Reference Methods 25A and 18 or equivalent). b. Benzene in ppmvd and lb/hr (measured per CARB method 410 or equivalent).	Submit the test results to the **District** and to the **CPM**	within 180 days after initial start up	3/24/14	Owner	EPC	1/23/14	2/22/14		
					AQ-29a	OPS	Monitor VOC measured at outlet from the carbon beds. Sampling is to be performed on a weekly basis. Samples shall be analyzed pursuant to USEPA Test Method 25 – Gaseous Non-methane Organic Emissions.	Submit the initial test to the District.	within 180 days after startup	3/24/14	Owner	Plant Operator	1/23/14	2/22/14		
2					BIO-07f	POST CONS	The second set of aerial photographs shall be taken subsequent to completion of construction.	Submit the required photographs to the **CPM, BLM, USFWS**, and **CDFG.**	No later than 90 days after completion of construction	3/31/14	OWNER	AECOM	1/30/14	3/1/14		
					BIO-12i	POST CONS	The Project owner shall provide to the CPM, CDFG, BLM and USFWS an analysis, based on aerial photography, with the final accounting of the amount of habitat disturbed during Project construction. This shall be the basis for the final number of acres required to be acquired.	Submit the required documentation to the **CPM, CDFG, BLM**, and **USFWS** for review and approval.	Within 90 days after completion of all project related ground disturbance	3/31/14	Owner	AECOM	12/31/13	3/1/14		
					BIO-20d	COMM	SAND DUNE/FRINGE-TOED LIZARD MITIGATION: Provide to the CPM and BLM an analysis with the final accounting of the amount of sand dune/stabilized sand dune habitat disturbed during project construction.	Submit the required documentation to the CPM.	Within 90 days after completion of Project construction	3/31/14	Owner	EPC	1/30/14	3/1/14		
					BIO-22f	POST CONS	STATE WATERS MITIGATION: Provide to the CPM and CDFG an analysis with the final accounting of the amount of jurisdictional state waters disturbed during Project construction.	Submit the required documentation to the **CPM** and **CDFG.**	Within 90 days after completion of Project construction	3/31/14	AECOM	Owner	1/30/14	3/1/14		
2					BIO-25b	OPS	EVAP POND MONITORING: The DB or BM shall regularly survey the ponds at least once per month starting with the first month of operation of the evaporation ponds. The purpose of the surveys shall be to determine if the netted ponds are effective in excluding birds, if the nets pose an entrapment hazard to birds and wildlife, and to assess the structural integrity of the nets. The monthly surveys shall be conducted in one day for a minimum of two hours following sunrise (i.e., dawn), a minimum of one hour mid-day (i.e., 1100 to 1300), and a minimum of two hours preceding sunset (i.e., dusk) in order to provide an accurate assessment of bird and wildlife use of the ponds during all seasons. Surveyors shall be experienced with bird identification and survey techniques.	The DB shall submit quarterly reports to the **CPM, CDFG**, and **USFWS** describing the dates, durations and results of site visits conducted at the evaporation ponds. The quarterly report shall fully describe any bird or wildlife death or entanglements detected during the site visits or at any other time, and shall describe actions taken to remedy these problems.	Quarterly, for the first year of operation	3/31/14	Owner	Plant Operator	1/30/14	3/1/14		

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					CUL-06i	POST CONS	Ensure that the CRS completes the preparation of the National Register of Historic Places and the California Register of Historical Resources nominations for the PQAD, as described in Item #8.	Submit the nominations to the State Historic Resources Commission for formal consideration.	No longer than 90 days after the end of all construction-related ground disturbance	3/31/14	AECOM	Owner	TBD	TBD		
					CUL-06j	POST CONS	Ensure that the CRS and/or PPA prepare a research paper and present it at a professional conference, or prepare and publish a peer-reviewed journal article to inform the professional archaeological community about the PQAD and to interpret its implications for our understanding of the prehistory and early history of Native American life in the region.	Ensure that the CRS completes the professional paper and provides the CPM with three copies of the final product of that effort, and prepares, and submits for the approval of the CPM, a public outreach product.	No longer than 90 days after the end of all construction-related ground disturbance	3/31/14	AECOM	Owner	TBD	TBD		
					CUL-06l	POST CONS	Ensure that the CRS completes the requisite material analyses for the final cultural resources report for the Blythe cultural resources data recovery and monitoring activities. The final report shall provide descriptions of the schedule and methods of the data recovery effort, technical descriptions of excavated archaeological features and buried land surfaces that present the highest resolution of technical data that can be derived from the data recovery field notes, plan and, as appropriate, profile drawings and photographs of excavated archaeological features and buried land surfaces, and technical descriptions and appropriate graphics of the stratigraphic contexts of excavated archaeological features and buried land	Prepare and submit final cultural resources report to CPM for approval.	No longer than 90 days after the end of all construction-related ground disturbance	3/31/14	AECOM	Owner	1/30/14	3/16/14		
					GEN-08b	CONS	Owner shall provide to CBO three (3) sets of electronic copies of the documents listed in condition at owner's expense. These are to be provided in the form of "read-only" (Adobe.pdf 6.0) files, with restricted (password-protected) printing priveleges, on archive quality compact discs.	Provide 3 CD's per condition requirements to CBO.	Within 90 days of completion of construction	3/31/14	EPC	Owner	TBD	TBD		
					PAL-07	CONS	Ensure preparation of a Paleontologic Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of the ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information. The report shall include, but is not limited to, a description and inventory of recovered fossil materials; a map showing the location of paleontologic resources encountered; determinations of sensitivity and significance; and a statement by the PRS that project impacts to paleontologic resources have been mitigated below the level of significance.	Submit the PRR under confidential cover to the CPM.	Within 90 days after completion of ground-disturbing activities, including landscaping	3/31/14	AECOM	Owner	1/30/14	3/1/14		
					S&W-05m	OPS	a. If Project pumping has lowered water levels by 5 (five) feet or more and increased pumping lifts, increased energy costs shall be calculated. Payment or reimbursement for the increased costs shall be provided on an annual basis. In the absence of specific electrical use data supplied by the well owner, the project owner shall use SOIL&WATER-6 to calculate increased energy costs	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	30 days following the end of the quarter	3/31/14	Owner	AECOM	1/30/14	3/1/14		
					S&W-05t	OPS	5. If mitigation includes monetary compensation, the project owner shall provide documentation to the CPM that compensation payments have been made by March 31 of each year of Project operation. Within thirty (30) days after compensation is paid, the project owner shall submit to the CPM a compliance report describing compensation for increased energy costs necessary to comply with the provisions of this condition.	Submit required documentation to the CPM.	By March 31 of each year of project operation OR by March 31 following the 1st year of operation if lump sum is paid.	3/31/14	Owner	Plant Operator	1/30/14	3/1/14		
					GEN-01b	CONS	Ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. All transmission facilities (lines, switchyards, switching stations and substations) are covered in the conditions of certification in the Transmission System Engineering section of this document. Ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	In the event that the initial engineering designs are submitted to the CBO when the successor to the 2007 CBSC is in effect, the 2007 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern.	Within 30 days following receipt of Certificate of Occupancy	4/30/14	EPC	Owner				
					GEN-01c	CONS	Final Certificate of Occupancy	Provide the CPM a copy of the Final Certificate of Occupancy from the CBO.	Within 30 days after receipt from the CBO	4/30/14	EPC	Owner				
					GEN-01d	CONS	Once the certificate of occupancy has been issued, inform the CPM of any construction, addition, alterations, moving, demolition, repair, or maintenance to be performed on any portions of the completed facility for the purpose of complying with the above stated codes. The CPM will then determine if the CBO needs to approve the work.	Submit required info to the CPM.	At least 30 days prior to such work	4/30/14	EPC	Owner				
					CUL-06 BLM	POST CONS	A professional technical report will be prepared documenting assessment and data recovery investigations. The report will describe the methods and materials collected and will provide conclusions regarding the results of the investigations. The report will be submitted to the curatorial facility housing the collected rchaeological materials, as well as the appropriate California Historical Resources Information System center and BLM Palm Springs-South Coast Field Office	Submit the final CRR to the CPM for review and approval and to the BLM Palm Springs Field Office archaeologist for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix.	Within 180 days after completion of ground disturbance (including landscaping)	6/29/14	AECOM	Owner	4/30/14	6/14/14		
					CUL-18b	POST CONS	Prepare a final Cultural Resources Report (CRR). The final CRR shall be written by or under the direction of the CRS. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, revised and final Department of Parks and Recreation (DPR) 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as appendices to the final CRR	Submit the final CRR to the CPM for review and approval and to the BLM Palm Springs Field Office archaeologist for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix.	Within 180 days after completion of ground disturbance (including landscaping)	6/29/14	AECOM	Owner	4/30/14	6/14/14		

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
2					S&W-05j(2)	OPS	On a quarterly basis for the first year of operation and semi-annually thereafter for the following four years, collect water level measurements from any wells identified in the groundwater monitoring program to evaluate operational influence from the Project. Quarterly operational parameters (i.e., pumping rate) of the water supply wells shall be monitored as access allows for those wells within the monitoring network. Wells outside the network and their influence on pumping within the network shall be evaluated on a quarterly basis to understand well interference from sources of pumping outside the Project area.	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	Semi-annual	6/29/14	Owner	Plant Operator	4/30/14	5/30/14		
					AQ-32b	OPS	Submit to the District a summary report of all benzene and VOC emissions (as hexane).	Provide a summary of the HTF vent system benzene and VOC emissions to the District.	Prior to January 31 each year	1/16/15	Owner	Plant Operator	11/17/14	12/17/14		
2					AQ-04	OPS	Emissions from the auxiliary boilers shall not exceed the hourly emission limits set forth in the condition at any firing rate, verified by fuel use and compliance tests.	As part of the Annual Compliance Report, include information demonstrating compliance with boiler operating emission rates.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-05	OPS	The auxiliary boilers shall be operated only on PUC pipeline quality natural gas and shall be equipped with a non-resettable fuel meter. Fuel used shall not exceed: a.57,499,425 cubic feet of natural gas per rolling twelve months; and b. 441,662 cubic feet of natural gas per calendar day.	Submit to the CPM the boiler fuel use data demonstrating compliance with this condition as part of the Annual Operation Report.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
2					AQ-06	OPS	Operation of this equipment shall not exceed 17 total hours per day with no more than: a. 15 hours per calendar day and 4500 hours per rolling twelve months at 25% load; and b. 12 hours per calendar day and 600 hours per rolling twelve months at 100% load.	Submit to the CPM the boiler fuel use data demonstrating compliance with this condition as part of the Annual Operation Report.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
2					AQ-17b	OPS	Provide the quantity of used HTF fluid removed from the system and the amount of new HTF fluid added to the system each year.	Submit as part of the Annual Compliance Report.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-20a	OPS	Perform the following annual compliance tests on this equipment in accordance with the MDAQMD Compliance Test Procedural Manual: a. VOC as CH4 in ppmvd and lb/hr (measured per USEPA Reference Methods 25A and 18 or equivalent). b. Benzene in ppmvd and lb/hr (measured per CARB method 410 or equivalent).	The test report shall be submitted to the District.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-20b	OPS	Records of all compliance tests shall be maintained on site for a period of five (5) years and presented to District personnel upon request.	Submit the test results to the District and make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
2					AQ-21a	OPS	Emissions from this equipment may not exceed the following emission limits, based on a calendar day summary: a. VOC as CH4 – 1.5 lb/day, verified by compliance test. b. Benzene – 0.75 lb/day, verified by compliance test.	Submit the test results to the District and make the site available for inspection of records by representatives of the District, ARB, and CEC.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-26	OPS	The carbon adsportion equipment shall be properly maintained and kept in good operating condition at all times.	Submit maintenance reports for the carbon adsorption system to the CPM as part of the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
2					AQ-28	OPS	Total emissions of VOC to the atmosphere from the carbon adsorption systems shall not exceed 1.5 lbs/day and 300 lbs/year calculated based on the most recent monitoring results.	Include in the ACR information on operating emission rates to demonstrate compliance with this condition.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-29b	OPS	Monitor VOC measured at an outlet from the carbon beds. Sampling is to be performed on a weekly basis. Samples shall be analyzed pursuant to USEPA Test Method 25 – Gaseous Non-methane Organic Emissions.	Provide a summary of the carbon bed monitoring data as part of the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-32a	OPS	Submit to the CPM a summary report of all VOC emissions (as hexane).	Provide a summary of the HTF vent system benzene and VOC emissions to the CPM.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-35b	OPS	Include information on the cooling tower operating emission rates to demonstrate compliance with this condition.	Provide requested information as part of ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-44	OPS	Maintain a operations log for emergency IC engine, current and onsite, either at the engine location or at a on-site location, for a minimum of five (5) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below: a. Date of each use and duration of each use (in hours); b. Reason for use (testing & maintenance, emergency, required emission testing); c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and, d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).	Submit records required by this condition demonstrating compliance with the sulfur content and engine use limitations of conditions AQ-40, AQ-42 and AQ-43 in the ACR and include a photograph showing the annual reading of engine hours. Also make the site available for inspection of records by representatives of the District, ARB, and CEC.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					AQ-52	OPS	Maintain an operations log for this unit current and onsite, either at the engine location or at a on-site location, for a minimum of five (5) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below: a. Date of each use and duration of each use (in hours); b. Reason for use (testing & maintenance, emergency, required emission testing); c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and, d. Fuel sulfur concentration (the project owner may use the supplier's certification of sulfur content if it is maintained as part of this log).	Submit records required by this condition that demonstrating compliance with the sulfur content and engine use limitations of conditions AQ-48 , AQ-50, and AQ-51 in the ACR and include a photograph showing the annual reading of engine hours. Also make the site available for inspection of records by representatives of the District, ARB, and CEC.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
-	-	-	-		AQ-63	CONS	The annual throughput of gasoline shall not exceed 600,000 gallons per year. Throughput Records shall be kept on site and available to District personnel upon request. Before this annual throughput can be increased the facility may be required to submit to the District a site specific Health Risk Assessment in accordance with a District approved plan. In addition, public notice and/or comment period may be required.	Provide gasoline throughput records to demonstrate compliance with this condition in the ACR.	Include in ACR	1/31/15	EPC	Owner	12/2/14	1/1/15		
					AQ-SC06b	OPS	The vehicle and fleet plan shall be updated every other year.	Include the updated plan in the ACR every other year.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					BIO-02b	OPS	If actions may affect biological resources during operation a DB shall be available for monitoring and reporting.	Record and submit the required summaries in the Annual Compliance Report unless his or her duties cease, as approved by the CPM.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		

ACR - Annual Compliance Report; BLM - Bureau of Land Management;
CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
					BIO-04b	OPS	During Project operation, the DB shall submit record summaries in the ACR unless their duties cease, as approved by the CPM.	Record and submit the required summaries in the Annual Compliance Report unless his or her duties cease, as approved by the CPM.	Include in ACR	1/31/15	Owner	Plant Operator	1/1/15	1/21/15		
					BIO-06d	OPS	Throughout the life of the project, the WEAP shall be repeated annually for permanent employees, and shall be routinely administered within one week of arrival to any new construction personnel, foremen, contractors, subcontractors, and other personnel potentially working within the Project area. Upon completion of the orientation, employees shall sign a form stating that they attended the program and understand all protection measures. These forms shall be maintained by the Project owner and shall be made available to the CPM, BLM, USFWS, and CDFG upon request. Workers shall receive and be required to visibly display a hardhat sticker or certificate that they have completed the training.	During project operation, signed statements for operational personnel shall be kept on file for 6 months following the termination of an individual's employment.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					BIO-08d	OPS	As part of the Annual Compliance Report each year following construction, the Designated Biologist shall provide a report to the CPM that describes compliance with avoidance and minimization measures to be implemented during construction, operation, and maintenance (for example a summary of the incidence of roadkilled animals during the year, implementation of measures to avoid toxic spills, erosion and sedimentation, efforts to enforce worker guidelines, etc.)	Submit the required documentation as part of the ACR.	Include in ACR until completion of reveg monitoring	1/31/15	AECOM	Plant Operator	12/2/14	1/16/15		
					BIO-13d	OPS	RAVEN MGMT PLAN OPS REPORT: Provide a report that includes a summary of the results of raven management and control activities for the year; a discussion of whether raven control and management goals for the year were met; and recommendations for raven management activities for the upcoming year.	Provide the report to the CPM for review and approval as part of the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					BIO-14c	OPS	WMP OPS REPORT: Provide a report to the CPM that includes: a summary of the results of noxious weeds surveys and management activities for the year; a discussion of whether weed management goals for the year were met; and recommendations for weed management activities for the upcoming year.	Provide the report to the CPM for review and approval.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					BIO-15c	OPS	AVIAN ANNUAL MONITORING REPORT: Following the completion of the fourth quarter of monitoring the DB shall prepare an Annual Report that summarizes the year's data, analyzes any Project-related bird fatalities or injuries detected, and provides recommendations for future monitoring and any adaptive management actions needed.	The Annual Report shall be provided to the **CPM, CDFG**, and **USFWS**.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					BIO-18k	OPS	BURROWING OWL ANNUAL REPORT: DB shall provide a report to the CPM, BLM AO, USFWS and CDFG that describes the results of monitoring and management of the burrowing owl relocation area.	Submit the required report to the **CPM, BLM, USFWS**, and **CDFG** as part of the ACR.	Include in ACR each year following construction for five years	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					BIO-19b(2)	OPS	SPECIAL STATUS PLANTS: During operation of the Project, the Designated Biologist shall be responsible for protecting special-status plant occurrences within 100 feet of the Project boundaries.	Include documention as part of ACR	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					BIO-19u	OPS	SPECIAL STATUS PLANTS: The Project owner shall also conduct annual monitoring of the avoided occurrences on-site, and off-site occurrences that are adjacent to the Project, for the life of the Project	Conduct annual monitoring	Annually	1/31/15	AECOM	Plant Operator	TBD	TBD		
					BIO-19v	OPS	SPECIAL STATUS PLANTS: Owner shall submit a monitoring report every year for the life of the project to monitor effectiveness of protection measures for all avoided special-status plants. Monitoring report shall include : dates of worker awareness training sessions and attendees, completed CNDDB field forms for each avoided occurrence on-site and within 100 feet of the Project boundary off-site, and description of the remedial action, if warranted and planned for the upcoming year. The completed forms shall include an inventory of the special-status plant occurrences and description of the habitat conditions, an indication of population and habitat quality trends.	Provide yearly documentation to the **CPM** and **State Botanist**.	On Jan 31st of each year following construction	1/31/15	AECOM	Plant Operator	12/2/14	1/1/15		
					BIO-19w	OPS	SPECIAL STATUS PLANTS: The implementation phase of the enhancement project shall be completed within five years of initiation.	Until completion of the five-year implementation portion of the enhancement action, a report shall be prepared and submitted in the ACR. This report shall provide, at a minimum: a summary of activities for the preceding year and a summary of activities for the following year; quantitative measurements of the projects progress in meeting the enhancement project success criteria; detailed description of remedial actions taken or proposed; and contact information for the responsible parties.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					BIO-21c	OPS	BIG HORN SHEEP: Each year following completion of construction/restoration of the water source, the Project owner shall provide a report to the CPM, BLM, and CDFG that includes: a description of bighorn sheep detections at the water source and a summary of management activities for the year and a discussion of whether management goals for the year were met. The Project owner shall monitor and manage the artificial or restored water source for the benefit of bighorn sheep for the life of the Project, or shall provide sufficient funding to support such monitoring and management by an approved third party.	Submit report with ACR.	Include in ACR	1/31/15	Owner	Plant Operator				
					BIO-22c	OPS	STATE WATERS MITIGATION: Provide a discussion of work in waters of the state in the ACR for the duration of the Project.	Submit the required documentation as part of the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					BIO-22k	OPS	STATE WATERS: A copy of the notifying change of conditions report shall be included in the annual reports or until it is deemed unnecessary by the CPM and CDFG.	Submit the required documentation as part of the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					BIO-23c	OPS	Review the Decommissioning and Reclamation Plan every five years thereafter. Modifications to the approved Decommissioning and Reclamation Plan shall be made only after approval from BLM.	Submit the updated plan to the BLM for approval. Owner shall provide a copy of the approved Decommissioning and Reclamation Plan and any BLM approved revisions to the CPM.	Every 5 years	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		

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					BIO-25g	OPS	EVAP POND MONITORING: If after 12 consecutive monthly site visits no bird or wildlife deaths or entanglements are detected at the evaporation ponds by or reported to the DB, monitoring can be reduced to quarterly visits.	The DB shall submit annual monitoring reports with this information.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					BIO-25h	OPS	EVAP POND MONITORING: If after 12 consecutive quarterly site visits no bird or wildlife deaths or entanglements are detected by or reported to the DB and with approval from the CPM, USFWS and CDFG, future surveys may be reduced to two surveys per year, during the spring nesting season and during fall migration. If approved by the CPM, USFWS and CDFG, monitoring outside the nesting season may be conducted by the Environmental Compliance Manager.	The DB shall submit annual monitoring reports with this information.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					COM-05b	OPS	Submit a construction matrix that provides the current status of all conditions in a spreadsheet format. (Refer to condition for required content.)	Submit a compliance matrix with each ACR.	Include in ACR	1/31/15	Owner	Plant Operator	1/1/15	1/16/15		
					COM-07	OPS	Annual Compliance Report. (Refer to condition for content required.)	Annual compliance reports shall be submitted over the life of the project unless otherwise specified by the CPM.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
2					HAZ-01	OPS	Do not use any hazardous materials not listed in Appendix A in the Final Decision or in greater quantities or strengths than those identified by chemical name in Appendix A unless approved in advance by the CPM.	Provide to the CPM, in the ACR a list of hazardous materials contained at the facility.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					HAZ-06b	OPS	Include a statement that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan. Include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	Include statements in the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					S&W-01c	OPS	Once operational, update and maintain the DESCP for the life of the Project and shall provide information on the results of monitoring and maintenance activities.	Submit the required documentation as part of the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	Ongoing during construction	Ongoing during construction		
					S&W-04c	OPS	The metering devices shall be operational for the life of the Project. Prepare an annual summary, which shall include daily usage, monthly range and monthly average of daily water usage in gallons per day, and total water used on a monthly and annual basis in acre-feet. For years subsequent to the initial year of operation, the annual summary shall also include the yearly range and yearly average water use by source. For calculating the total water use, the term "yearly" will correspond to the date established for the annual compliance report submittal.	Submit the required documentation to the CPM.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					S&W-05j(3)	OPS	On a quarterly basis for the first year of operation and semi-annually thereafter for the following four years, collect water level measurements from any wells identified in the groundwater monitoring program to evaluate operational influence from the Project. Quarterly operational parameters (i.e., pumping rate) of the water supply wells shall be monitored as access allows for those wells within the monitoring network. Wells outside the network and their influence on pumping within the network shall be evaluated on a quarterly basis to understand well interference from sources of pumping outside the Project area.	Submit to the CPM, applicable quarterly, semi-annual and annual reports presenting all the data and information required in item C in the condition. (The fourth quarter report shall serve as the annual report and will be provided on January 31 in the following year.)	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					S&W-09	OPS	The Project is subject to the requirement of Water Code Sections 4999 et. seq. for reporting of groundwater production in excess of 25 afy.	File an annual "Notice of Extraction and Diversion of Water" with the SWRCB in accordance with Water Code Sections 4999 et. seq. Include a copy of the filing in the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
2					S&W-15d	OPS	Submit a Channel Maintenance Program Annual Report specifying which maintenance activities were completed during the year including type of work, location, and measure of the activity (e.g. cubic yards of sediment removed). Refer to condition	Submit the required report as part of the Project Annual Compliance Report to the CPM	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					TLSN-02	OPS	Owner shall ensure that every reasonable effort will be made to identify and correct, on a case-specific basis, any complaints of interference with radio or television signals from operation of the project-related line and associated switchyards.	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					TLSN-04	OPS	Ensure that the rights-of-way of the proposed transmission line are kept free of combustible material, as required under the provisions of section 4292 of the Public Resources Code and section 1250 of Title 14 of the California Code of Regulations.	During first 5 years of operation, provide a summary of inspection results and any fire prevention activities carried out along the right-of-way and provide such summaries in the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/16/15		
					WASTE-07c	OPS	Document the actual volume of wastes generated and the waste management methods used during the year, provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan, and update the Operation Waste Management Plan as necessary to address current waste generation and management practices.	Submit the required documentation to the CPM as part of the ACR.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
					WASTE-10	OPS	Owner shall ensure that all non-hazardous, non-recyclable, and non-reusable construction and operation waste is not diverted to Desert Center Landfill or Oasis Sanitary Landfill.	Document all project-related solid waste disposal actions to the Compliance Project Manager annually.	Include in ACR	1/31/15	EPC	Owner	As required	As required		
					WORKER SAFETY-09c	OPS	Owner shall participate in annual joint training exercises with the Riverside County Fire Department (RCFD). Owner shall coordinate this training with other Energy Commission-licensed solar power plants within Riverside County such that this project shall host the annual training on a rotating yearly basis with the other solar power plants.	In ACR during operation, the project Owner shall include the date, list of participants, training protocol, and location of the annual joint training.	Include in ACR	1/31/15	Owner	Plant Operator	12/2/14	1/1/15		
		X			CUL-08c	CONS	Submit to the CPM for a letter report written by the CRS, evidencing that the field portion of data recovery at each site has been completed. When the CPM approves the letter report, ground disturbance may begin at the site location(s) that are the subject of the letter report.	Submit the letter report to the CPM for review and approval.	Within one week of completing data recovery at a site	7/31/2011 and ongoing as required	AECOM	Owner	TBD	TBD		
		X			CUL-09c	CONS	Submit to the CPM for a letter report written by the CRS, evidencing that the field portion of data recovery at each site has been completed. When the CPM approves the letter report, ground disturbance may begin at the site location(s) that are the subject of the letter report.	Submit the letter report to the CPM for review and approval.	Within one week of completing data recovery at a site	7/31/2011 and ongoing as required	AECOM	Owner	TBD	TBD		

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DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
			X		CUL-10c Phase 1b	CONS	Submit to the CPM for review and approval a letter report written by the CRS, evidencing that the field portion of data recovery at each site has been completed. When the CPM approves the letter report, ground disturbance may begin at the site location(s) that are the subject of the letter report.	Submit the letter report to the CPM for review and approval.	Within one week of completing data recovery at a site in Phase 1b	7/31/2011 and ongoing as required	AECOM	Owner	TBD	TBD		
			X		CUL-11c Phase 1b	CONS	Submit to the CPM for review and approval a letter report written by the CRS, evidencing that the field portion of data recovery at each site has been completed. When the CPM approves the letter report, ground disturbance may begin at the site location(s) that are the subject of the letter report.	Submit the letter report to the CPM for review and approval.	Within one week of completing data recovery at a site	7/31/2011 and ongoing as required	AECOM	Owner	TBD	TBD		
					AQ-01	COMM	Operation of the four 35 MMBtu/hr natural gas boilers shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
					AQ-02	COMM	Operation of the auxiliary boilers shall be exclusively fueled with natural gas and shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
-	-	-	-		AQ-08	CONS	Records of fuel supplier certifications of fuel sulfur content shall be maintained to demonstrate compliance with the sulfur dioxide and particulate matter emissions limits.	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the CEC.	As required	As required	Owner	EPC	As required	As required		
-	-	-	-		AQ-09	CONS	Continuously monitor fuel flow rate and flue gas oxygen level.	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the CEC.	As required	As required	Owner	EPC	As required	As required		
					AQ-12	OPS	The auxiliary boiler units shall be tuned annually in accordance with the tuning procedure referenced in District Rule 1157 Section (I) or a modification of the tuning procedure described in Section (I) as approved by the District, or the permit unit manufacturer's specified tune-up procedure, by a technician that is qualified, to the satisfaction of the District, to perform a tune-up.	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the CEC.	Annually	As required	Owner	Plant Operator	As required	As required		
-	-	-	-		AQ-13	CONS	Operation of the ullage expansion tanks, Application Number: 0010750, 0010757, 0010764 and 0010771 shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted.	Make the site available for inspection of records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	EPC	As required	As required		
-	-	-	-		AQ-14	CONS	The ullage expansion tanks shall store only HTF, specifically the condensable fraction of the vapors vented from the ullage system.	Make the site available for inspection of HTF piping Inspection and Maintenance Program records (AQ-17) and HTF system equipment by representatives of the District, ARB, and the CEC.	As required	As required	EPC	EPC	As required	As required		
					AQ-15	COMM	The ullage system shall be operated at all times with the carbon adsorption system under District permit [C010918, C010919, C010920, C010921].	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	Owner	Owner	As required	As required		EPC during commissioning; Owner during operations
					AQ-16	COMM	Vent release shall be monitored in accordance with a District approved Inspection, Monitoring and Maintenance plan.	Owner shall make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	Owner	Owner	As required	As required		EPC during commissioning; Owner during operations
-	-	-	-		AQ-17c	CONS	Owner shall make the site available for inspection of HTF piping Inspection and maintenance program records and equipment.	Make the site available for inspection by representatives of the District, ARB, and CEC.	As required	As required	Owner	EPC	As required	As required		
-	-	-	-		AQ-22	CONS	If current non-criteria substances become regulated as toxic or hazardous substances and are used in this equipment, prepare a plan for the District demonstrating how compliance will be achieved and maintained with such regulations.	Submit a copy of the plan prepared to comply with this condition, if and when necessary, to the CPM for review.	within 30 days of submittal to the District	As required	Owner	EPC	As required	As required		
					AQ-23	OPS	Operation of the four carbon adsorption systems shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	Owner	Plant Operator	As required	As required		
-	-	-	-		AQ-27	CONS	The carbon adsportion equipment must be in use and operating properly at all times the HTF ullage expansion tank is venting.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
					AQ-30	COMM	FID shall be considered invalid if not calibrated on the day of required use.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		EPC during commissioning; Owner during operations
					AQ-31	COMM	Maintain current and on-site for the duration of the project a log of the weekly test results, which shall be provided to District personnel upon request, with date and time the monitoring was conducted.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		EPC during commissioning; Owner during operations
					AQ-33	COMM	Operation of 4 cooling towers shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		EPC during commissioning; Owner during operations
					AQ-34	COMM	The cooling towers shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.	Make the site available for inspection of records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		EPC during commissioning; Owner during operations
2					AQ-36	OPS	Perform weekly tests of the cooling tower blow-down water TDS. The TDS shall not exceed 2000 ppmv based on an arithmetic average of all TDS measurements conducted each month. The operator shall maintain a log which contains the date and result of each blow-down water test in TDS ppm, and the resulting mass emission rate.	The log shall be maintained on site for a minimum of five years and the cooling tower recirculation water TDS content test results shall be provided to District personnel, CEC, and ARB upon request.	As required	As required	Owner	Plant Operator	As required	As required		
					AQ-38	COMM	A maintenance procedure shall be established that states how often and what procedures will be used to ensure the integrity of the drift eliminators. This procedure is to be kept onsite and available to District personnel on request.	Make available at request the written drift eliminator maintenance procedures for inspection by representatives of the District, ARB, and CEC.	As required	As required	Owner	KPC	As required	As required		

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	-	-	-	-	AQ-39	CONS	The four 2,922 hp emergency IC engines, each driving a generator, shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.	Make the site available for inspection of equipment and records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
					AQ-40	COMM	The emergency IC engines shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.	Make the site available for inspection of equipment and fuel purchase records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
					AQ-42a	COMM	The emergency IC engines shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted.	Make the site available for inspection of equipment and records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
					AQ-42b	COMM	Each IC engine unit shall be operated no more than one hour in any twenty four hour period and 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the one hour daily or 20 hour per year limit.	Make the site available for inspection of equipment and records by representatives of the District, ARB, and CEC.	As required	As required	Owner	EPC	As required	As required		
					AQ-43	COMM	This facility shall not perform testing of more than one internal combustion engine at any one time and no more than two internal combustion engines in any twenty-four hour period.	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		
	-	-	-	-	AQ-47	CONS	The four 300 hp emergency IC engines, each driving a fire suppression water pump, shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.	Make the site available for inspection of equipment and records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
	-	-	-	-	AQ-48	CONS	The four emergency IC engines units shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.	Make the site available for inspection of equipment and fuel purchase records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
	-	-	-	-	AQ-50	CONS	Each unit shall be limited to use for emergency power, defined as in response to a fire or due to low fire water pressure. In addition, this unit shall be operated no more than one hour in any twenty four hour period and 50 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the one hour daily limit or 50 hour per year limit. The one hour daily and 50 hour limit can be exceeded when the emergency fire pump assembly is driven directly by a stationary diesel fueled CI engine operated per and in accord with the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 1998 edition. This requirement includes usage during emergencies. {Title 17 CCR 93115.3(n)}	Make the site available for inspection of equipment and records by representatives of the District, ARB, and CEC.	As required	As required	EPC	Owner	As required	As required		
	-	-	-	-	AQ-51	CONS	This facility shall not perform testing of more than one internal combustion engine at any one time and no more than two internal combustion engines in any twenty four hour period.	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required	As required	EPC	Owner	As required	As required		
	-	-	-	-	AQ-55	CONS	One above ground gasoline storage tank: The toll-free telephone number that must be posted for the above-ground storage tank an fuel receiving and dispensing equipment is 1-800-635-4617.	Make the site available for inspection of equipment and records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		
	-	-	-	-	AQ-56	CONS	Maintain a log of all inspections, repairs, and maintenance on above ground gasoline storage tank and fuel receiving and dispensing equipment subject to Rule 461. Such logs or records shall be maintained at the facility for at least two (2) years and available to the District upon request. Records of Maintenance, Tests, Inspections, and Test Failures shall be maintained and available to District personnel upon request; record form shall be similar to the Maintenance Record form indicated in EO VR-401-B, Figure 2N. **[Note: ATC issued on 10-19-10 references updated order applicable to gasoline tanks--new order # EO VR-401-B is shown in this matrix.]**	Make the site available for inspection of equipment and fuel purchase records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes.
	-	-	-	-	AQ-57	CONS	Any modifications or changes to the piping or control fitting of the vapor recovery system for the above ground gasoline storage tank and fuel receiving and dispensing equipment require prior approval from the District.	Make the site available for inspection of equipment and fuel purchase records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		
	-	-	-	-	AQ-58	CONS	Pursuant to EO VR-401-B, vapor vent pipes are to be equipped with Husky 5885 pressure relief valves or as otherwise allowed by EO. **[Note: ATC issued on 10-19-10 references updated order applicable to gasoline tanks--new order # EO VR-401-B is shown in this matrix.]**	Make the site available for inspection of equipment and fuel purchase records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes.
	-	-	-	-	AQ-60a	CONS	Pursuant to California Health and Safety Code sections 39600, 39601 and 41954, this aboveground tank shall be installed and maintained in accordance with Executive Order (EO) VR-401-A for EVR Phase I, and Standing Loss requirements. http://www.arb.ca.gov/vapor/eos/eo-vr401/eo-vr401a/eo-401a.pdf **[Note: ATC issued on 10-19-10 references updated order applicable to gasoline tanks--new order # EO VR-401-B is shown in this matrix.]**	Make the site available for inspection of equipment and records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes.
	-	-	-	-	AQ-60b	CONS	Phase II Vapor Recovery System shall be installed and maintained per G-70-116-F with the exception that hanging hardware shall be EVR Balance Phase II type hanging hardware (VST or other CARB Approved EVR Phase II Hardware).	Make the site available for inspection of equipment and records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		

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					AQ-61	COMM	Pursuant to EO VR-401-B; Maintenance and repair of system components, including removal and installation of such components in the course of any required tests, shall be performed by OPW Certified Technicians. **[Note: ATC issued on 10-19-10 references updated order applicable to gasoline tanks--new order # EO VR-401-B is shown in this matrix.]**	Make the site available for inspection of equipment and records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes
					AQ-62	COMM	Pursuant to EO VR-401-B, Maintenance Intervals for OPW; Tank Gauge Components; Dust Caps Emergency Vents; Phase I Product and Vapor Adapters, and Spill Container Drain Valve, shall be conducted by an OPW trained technician annually. **[Note: ATC issued on 10-19-10 references updated order applicable to gasoline tanks--new order # EO VR-401-B is shown in this matrix.]**	Make the site available for inspection of equipment and records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes
-	-	-	-		AQ-64	CONS	Install, maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-A, and Phase II vapor recovery in accordance with G-70-116-F. In the event of conflict between these permit conditions and/or the referenced EO's the more stringent requirements shall govern. **[Note: ATC issued on 10-19-10 references updated order applicable to gasoline tanks--new order # EO VR-401-B is shown in this matrix.]**	Make the site available for inspection of equipment and records by representatives of the District, ARB, and the CEC.	As required	As required	EPC	Owner	As required	As required		1/24/11: Mary checking with mgmt to see if amendment is needed for ATC changes
-	-	-	-		AQ-SC01b	CONS	The AQCMM shall not be terminated without written consent of the CPM.	Inform the CEC CPM prior to termination or replacement of the AQCMM.	As required	As required	EPC	Owner				
-	-	-	-		AQ-SC-08b	CONS	Owner shall submit all modified ATC/PTO documents and all federal air permits to the CPM.	Submit required documentation to the CPM.	within 15 days of receipt	As required	Owner	AECOM	As required	As required		
AR	AR	AR	AR		BIO-01b	CONS	If a DB needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM. In an emergency, the Project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent DB is proposed to the CPM and for consideration.	Submit the required information to the CPM.	At least 10 working days prior to the termination or release of the preceding DB	As required	AECOM	Owner	As required	As required		
AR	AR	AR	AR		BIO-03b	CONS	If additional BMs are needed during construction the specified information shall be submitted to CPM.	Submit the information to the CPM for review and approval.	At least 10 days prior to their first day of monitoring activities	As required	AECOM	Owner	As required	As required		CEC APPROVED ADDITIONAL MONITORS ON 3/2/11
O	O	O	O		BIO-05	CONS	DB AND BM AUTHORITY: The construction/operation manager shall act on the advice of the DB and BM(s) to ensure conformance with the biological resources conditions of certification. The Project owner shall provide Energy Commission staff with reasonable access to the Project site under the control of the Project owner and shall otherwise fully cooperate with the Energy Commission's efforts to verify the Project owner's compliance with, or the effectiveness of, mitigation measures set forth in the conditions of certification.The DB shall have the authority to immediately stop any activity that is not in compliance with these conditions and/or order any reasonable measure to avoid take of an individual of a listed species. If required by the DB and BM(s) the Project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, boring, trenching and operation activities in areas specified by the DB. The DB's shall: 1. Require a halt to all activities in any area when determined that there would be an unauthorized adverse impact to biological resources if the activities continued; 2. Inform the Project owner and the construction/operation manager when to resume activities; and 3. Notify the CPM and if there is a halt of any activities and advise them of any corrective actions that have been taken or would be instituted as a result of the work stoppage. If the work stoppage relates to desert tortoise or any other federal or state-listed	Ensure that the Designated Biologist or Biological Monitor notifies the **CPM immediately** (and no later than the morning following the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. If the non-compliance or halt to construction or operation relates to desert tortoise or any other federal or state-listed species, the Project owner shall notify the **Carlsbad Office of USFWS** and **Ontario Office of CDFG** at the same time. The Project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the Project owner, a determination of success or failure would be made by the CPM, in consultation with USFWS and CDFG, within five working days after receipt of notice that corrective action is completed, or the Project owner would be notified by the CPM that coordination with other agencies would require additional time before a determination can be made.	As required	As required	AECOM	Owner and EPC	As required	As required		
AR	AR	AR	AR		BIO-08e	CONS	If loud construction activities are proposed between February 15 to April 15 which would result in noise levels over 65 dBA in nesting habitat, the Project owner shall submit nest survey results (as described in Item 8a within the Condtiion) to the CPM.	Submit the next survey results to the CPM	no more than 7 days before initiating such construction	As required	AECOM	EPC will not conduct noise measurements but will assist with clearing area and installing fence	As required	As required		
AR	AR	AR	AR		BIO-08f	CONS	If an active nest is detected within this survey area the Project owner shall submit a Nesting Bird Monitoring and Management Plan to the CPM.	Submit the plan to the CEC CPM for reivew and approval.	no more than 7 days before initiating noisy construction	As required	AECOM	Owner	As required	As required		
AR	AR	AR	AR		BIO-11a(1)	CONS	DT COMPLIANCE VERIFICATION: Provide CEC, CDFG, USFWS, and BLM staff with reasonable access to the Project site and compensation lands under the control of the Project owner and shall otherwise fully cooperate with the CEC and BLM's efforts to verify the Project owner's compliance with, or the effectiveness of, mitigation measures set forth in the condition.	Provide access as requested.	As required	As required	Owner	AECOM	As required	As required		
AR	AR	AR	AR		BIO-11a(3)	CONS	Notify the CPM in writing if the Project owner is not in compliance with any conditions of certification, including but not limited to any actual or anticipated failure to implement mitigation measures within the time periods specified in the conditions of certification.	The DB shall perform this activity.	Immediately as required	As required	AECOM	Owner	As required	As required		
AR	AR	AR	AR		BIO-11a(4)	CONS	Remain onsite daily while vegetation salvage, grubbing, grading and other ground-disturbance construction activities are taking place to avoid or minimize take of listed species and verify personally or use Biological Monitors to check for compliance with all impact avoidance and minimization measures, including checking all exclusion zones to ensure that signs, stakes, and fencing are intact and that human activities are restricted in these protective zones.	The DB shall perform this activity.	Daily during noted activities	As required	AECOM	AECOM Subcontractor	As required	As required		

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	AR	AR	AR	AR	BIO-11a(6)	CONS	If an injured or dead listed species is detected within or near the Project Disturbance area, the **CPM**, the **Ontario Office of CDFG**, and **Carlsbad Office of USFWS** shall be notified immediately by phone. Notification shall occur no later than noon on the business day following the event if it occurs outside normal business hours so that the agencies can determine if further actions are required to protect listed species. Written follow-up notification via FAX or electronic communication shall be submitted to these agencies within two calendar days of the incident and include the information set forth in Items (a) and (b) regarding injured or dead DT, as relevant.	The DB shall perform this activity.	Immediately as required	As required	AECOM	Owner	As required	As required		
	O	O	O	O	BIO-11a(7)	CONS	The CPM may issue the Project owner a written stop work order to suspend any activity related to the construction or operation of the Project to prevent or remedy a violation of one or more conditions of certification (including but not limited to failure to comply with reporting, monitoring, or habitat acquisition obligations) or to prevent the illegal take of an endangered, threatened, or candidate species. The Project owner shall comply with the stop work order immediately upon receipt thereof.	The DB shall perform this activity.	As required	As required	AECOM	Owner	As required	As required		
	O	O	O	O	BIO-11b	CONS	Deliver via FAX or electronic communication the written report from the DB describing all reported incidents of injury, kill, or relocation of a listed species, identifying who was notified, and explaining when the incidents occurred. In the case of a sighting in an active construction area, at the same time, submit a map (e.g., using GIS) depicting both the limits of construction and sighting location to the CPM, CDFG and USFWS.	Provide the required documentation to the **CEC, CDFG** and **USFWS**.	No later than 2 days following the required notification of a sighting, kill, or relocation of a listed species	As required	AECOM	Owner	As required	As required		
	X	X	X	X	BIO-18c	CONS	ACTIVE BURROWING OWL NESTS: If an active burrow is detected within 500 feet from the project disturbance area, the requirements for a non-disturbance buffer and monitoring as set forth in Item 3(a-b) of the Condition will be implemented.	The DB shall provide to the CPM documentation indicating that non-disturbance buffer fencing has been installed at least 10 days prior to the start of any Project-related site disturbance activities.	At least 10 days prior to start of any Project-related ground disturbance activities	As required	AECOM	Possibly EPC (will ask Kiewit if they are interested in provided assistance outside project fence/ boundary				
					BIO-19d	CONS	SPECIAL STATUS PLANTS: The Designated Botanist shall conduct weekly monitoring of the ESA's that protect special-status spring blooming plant occurrences during construction, and decommissioning activities.	Include information in MCR.	Weekly during construction	As required	Has AECOM budgeted for weekly botanist during spring for ESA monitoring?	Owner	As required	As required		
	AR	AR	AR	AR	BIO-19j	CONS	SPECIAL STATUS PLANTS: Owner shall immediately provide written notification to the **CPM, CDFG, USFWS**, and **BLM** if it detects a State- or Federal-Listed Species, or BLM Sensitive Species at any time during its late summer/fall botanical surveys or at any time thereafter through the life of the Project, including conclusion of Project decommissioning.	Submit the required documentation to the **CPM, CDFG, BLM**, and **USFWS**	Immediately as required	As required	AECOM	Owner	TBD	TBD		
	S	S	X	X	BIO-22j	CONS	STATE WATERS: Notify the CPM and CDFG of any change of conditions to the Project, impacts to state waters, or the mitigation efforts. A change of condition refers to the process, procedures, and methods of operation of a Project; the biological and physical characteristics of a Project area; or the laws or regulations pertinent to the Project as DEFINED IN THE CONDITION.	Provide the notifying report to the **CPM** and **CDFG**.	No later than 7 days after the change of conditions is identified	As required	AECOM	Owner	As required	As required		
					BIO-23d	OPS	Upon Project closure, implement a Decommissioning and Reclamation Plan.	Implement the approved plan.	As required	As required	Owner	Plant Operator				
	AR	AR	AR	AR	BIO-25c	CONS	EVAP POND MONITORING: Construction operations staff at the Project site shall also report finding any dead birds or other wildlife at the evaporation ponds to the DB within one day of the detection of the carcass.	The DB shall report any bird or other wildlife deaths or entanglements to the **CPM, CDFG**, and **USFWS**.	within two days of the discovery	As required	AECOM	Owner	As required	As required		
	AR	AR	AR	AR	BIO-25d	CONS	EVAP POND MONITORING: If dead or entangled birds are detected during construction, the DB shall take immediate action to correct the source of mortality or entanglement.	The DB shall make immediate efforts to contact and consult the **CPM, CDFG**, and **USFWS** by phone and electronic communications prior to taking remedial action upon detection of the problem, but the inability to reach these parties shall not delay taking action that would, in the judgment of the DB, prevent further mortality of birds or other wildlife at the evaporation ponds.	Immediately	As required	AECOM	Owner	As required	As required		
					BIO-25e	OPS	EVAP POND MONITORING: Operations staff at the Project site shall also report finding any dead birds or other wildlife at the evaporation ponds to the DB within one day of the detection of the carcass.	The DB shall report any bird or other wildlife deaths or entanglements to the **CPM, CDFG**, and **USFWS**.	Immediately	As required	Owner	Plant Operator	As required	As required		
					BIO-25f	OPS	EVAP POND MONITORING: If dead or entangled birds are detected during commercial operation, the DB shall take immediate action to correct the source of mortality or entanglement. The DB shall make immediate efforts to contact and consult the CPM, CDFG, and USFWS by phone and electronic communications prior to taking remedial action upon detection of the problem, but the inability to reach these parties shall not delay taking action that would, in the judgment of the DB, prevent further mortality of birds or other wildlife at the evaporation ponds.		Immediately	As required	Owner	Plant Operator	As required	As required		
					BIO-25i	OPS	EVAP POND MONITORING: Without respect to the above requirements the Project owner, CDFG or USFWS may submit to the CPM a request for modifications to the evaporation pond monitoring program based on information acquired during monitoring, and may also suggest adaptive management measures to remedy any problems that are detected during monitoring or modifications if bird impacts are not observed. Modifications to the evaporation pond monitoring described above and implementation of adaptive management measures shall be made only after approval from the CPM, in consultation with USFWS and CDFG.	Submit the requested modification to the CPM.	As required.	As required.	Owner	Plant Operator	As required	As required		SMLCC is acquiring lands and will not likely use REAT option.

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CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

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	X	X	X	X	BLM ROD Section 1.2	CONS	Since the publication of the PA/FEIS, it is the BLM"s decision not to make a determination as to whether the groundwater for the Blythe Solar Power Project is Colorado River water. The California Energy Commission suggests in its Final Decision for the Blythe Solar Power Project that implementation of the Conditions for Certification and updated modeling may show that groundwater pumping will not draw down from the Colorado River. As a term and condition of the BLM authorized ROW for the project, the Applicant must comply with all CEC Conditions of Certification, which include water mitigation, modeling, and monitoring measures.	As a term and condition of the BLM authorized ROW for the project, the Applicant must comply with all CEC Conditions of Certification, which include water mitigation, modeling, and monitoring measures.	As required	As required	Owner	AECOM				
	X	X	X	X	BLM ROD Section 1.2	CONS	The Bureau of Reclamation has not finalized its rule on the accounting surface methodology for the Colorado River. This ROD recognizes that, should a rulemaking ever be finalized on the currently proposed accounting surface, the BLM will work with the Applicant to ensure that appropriate processes are followed to obtain such an allocation.		As required	As required	Owner					
	X	X	X	X	BLM ROD Section 1.5 Page 17	CONS	In addition to the mitigation provided for in this ROD, the Applicant through the protest negotiation process has agreed to continue to work with the BLM on providing additional funding for the following enhanced desert wildlife management opportunities: o The Applicant, in coordination with the BLM, will work to identify specific fencing strategies along the I-10 Corridor or other heavily used access/recreation areas within the Chuckwalla DWMA to maximize protection of Desert tortoise by reduce direct or indirect mortality associated with recreational vehicle use; o The Applicant, in coordination with the BLM, will work to ensure enhanced funding is available to maintain certain existing infrastructure that is currently used to enhance protection of Desert tortoise, including, but not limited to: road underpasses, fencing, gates, and barrier crossings; o The Applicant in, coordination with the BLM, will work to identify specific habitat enhancements within the DWMA that could be used to increase habitat values for Desert tortoise and other sensitive species; o The Applicant, in coordination with the BLM, will provide enhanced funding that may		As required	As required	Owner					
					CIVIL-02	CONS	The RE shall if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. Submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Notify the CPM within 24 hours when earthwork and construction are stopped as a result of unforeseen adverse geological conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, provide to the CPM a copy of the CBO's approval.	Within 24 hours of construction halt due to geologic conditions	As required	EPC	Owner	As required	As required		
					CIVIL-03	CONS	Perform inspections in accordance with the 2007 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. Prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	RE shall transmit to the CBO and CPM a NCR and the proposed corrective action for review and approval. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM. A list of NCRs, for the reporting month, shall also be included in the following MCR.	Within 5 days of discovery of any discrepancies	As required	EPC	Owner	As required	As required		
					COM-01	CONS	The CPM, CEC staff, and delegated agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained on-site, for the purpose of conducting audits, surveys, inspections, or general site visits.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.	As required	As required	Owner	Both KPC and AECOM	As required	As required		
					COM-08	CONS	Any information that the project owner deems confidential shall be submitted to the CEC Executive Director with an application for confidentiality pursuant to Title 20, California Code of Regulations, section 2505(a).	Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501, et. seq.	As required	As required	Owner		As required	As required		
					COM-09a	CONS	Reporting of Complaints, Notices and Citations. Use form provided for all other than noise.	Provide copies of all notices, complaints, and citations to CEC CPM within 10 days of receipt. Respond to phone complaints within 24 hours or reciept.	As required	As required	Owner	Both KPC and AECOM	As required	As required		
					COM-10	CONS	In order to ensure that a planned facility closure does not create adverse impacts, a closure process that provides for careful consideration of available options and applicable laws, ordinances, regulations, standards, and local/regional plans in existence at the time of closure will be undertaken. To ensure adequate review of planned project closure, the project owner shall submit a proposed facility closure plan addresses the specific requirements set forth in Items 1-4 in the Condition. Prior to submittal of the proposed facility closure plan, a meeting shall be held between the project owner and the CPM for the purpose of discussing the specific contents of the plan. In the event that there are significant issues associated with the proposed facility closure plan's approval, or if the desires of local officials or interested parties are inconsistent with the plan, the CPM shall hold one or more workshops and/or the CEC may hold public hearings as part of its approval procedure. As necessary, prior to or during the closure plan process, the project owner shall take appropriate steps to eliminate any immediate threats to public health and safety and the environment, but shall not commence	Submit a proposed facility closure plan to the CEC for review and approval. The project owner shall file 120 copies (or other number of copies agreed upon by the CPM) with the CEC.	at least 12 months (or other period of time agreed to by the CPM) prior to the commencement of closure activities	As required	Owner		As required	As required		
					COM-12a	CONS	The on-site contingency plan required for unplanned temporary closure shall also cover unplanned permanent facility closure. All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure. In addition, the on-site contingency plan shall address how the project owner will ensure that all required closure steps will be successfully undertaken in the event of abandonment.	In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the On-Site Contingency Plan. The project owner shall keep the CPM informed of the status of all closure activities.	within 24 hours	As required	Owner		As required	As required		

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					COM-12b	CONS	A closure plan, consistent with the requirements for a planned closure, shall be developed.	Submit the required plan to the CPM.	within 90 days of the permanent closure or another period of time agreed to by the CPM	As required	Owner					
					COM-13	CONS	Post-Certification Changes to the BLM ROW Grant or CEC Final Decision. Owner must petition the CEC to transfer ownership or operational control of the facility. It is the responsibility of the project owner to contact the CPM to determine if a proposed project change should be considered a project modification pursuant to section 1769. (See condition for more information on the amendment process.)	As required.	As required	As required	Owner	Both KPC and AECOM	As required	As required		
X	X	X	X		CUL-03d	CONS	Prior to the termination or release of a CRS, submit resume of proposed new CRS. Provide the proposed new CRS the AFC and all cultural resources documents, field notes, photographs, and other cultural resources materials generated by the project. If no alternate CRS is available to assume the duties of the CRS, a monitor may serve in place of a CRS so that ground disturbance may continue up to a maximum of 3 days without a CRS. If cultural resources are discovered then ground disturbance will remain halted until there is a CRS or alternate CRS to make a recommendation regarding significance.	Submit the resume of the proposed new CRS to the CPM for review and approval.	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS	As required	AECOM	Owner	As required	As required		
AR	AR	AR	AR		CUL-03g	CONS	Prior to adding new CRMs, provide a letter to the CPM identifying the new CRMs and attesting to their qualifications.	CRS shall provide letters for submittal to the CPM.	At least 5 days prior to additional CRMs beginning on-site duties	As required	AECOM	Owner	As required	As required		
X	X	X	X		CUL-04e	CONS	Owner shall provide written notice of the scheduling changes to the CRS and CPM.	Submit required documentation.	Within 5 days of changing the scheduling of phases of a phased project	As required	EPC	Owner	As required	As required		
		X			CUL-06g	CONS	Notify the CPM that the CRS has initiated data recovery on the three isolated thermal cobble features.	Submit the required notification to the CPM.	At least 30 days prior to the start of ground disturbance within 30 meters of the site boundaries of the three isolated thermal cobble features	As required	AECOM	Owner	As required	As required		Dependent upon construction schedule - these features are in Phase 2
AR	AR	AR	AR		CUL-16c	CONS	In the event that the CRS believes that the current level of monitoring is not appropriate in certain locations, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring. The CRS, at his or her discretion, or at the request of the CPM, may informally discuss cultural resources monitoring and mitigation activities with Energy Commission technical staff.	Submit to the CPM, for review and approval, a letter or e-mail (or some other form of communication acceptable to the CPM) detailing the CRS's justification for changing the monitoring level.	At least 24 hours prior to implementing a proposed change in monitoring level	As required	AECOM	Owner	As required	As required		Level of monitoring was reduced by CEC
AR	AR	AR	AR		CUL-16e	CONS	Provide the CPM with copies of the soil and sediment descriptions and auger-backdirt screening logs kept by the CRS, alternate CRS, or CRMs, as detailed in the CRMMP.	Provide required documentation.	Weekly, during jack-and-bore tunneling for the underground construction power line	As required	AECOM	Owner	As required	As required		
O	O	O	O		CUL-16f	CONS	The CRS or alternate CRS shall report daily to the CPM on the status of the project's cultural resources-related activities, unless reducing or ending daily reporting is requested by the CRS and approved by the CPM.	Submit to the CPM, for review and approval, a letter or e-mail (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	At least 24 hours prior to reducing or ending daily reporting	As required	AECOM	Owner	As required	As required		
S	S	S	S		CUL-16g	CONS	A Native American monitor shall be obtained to monitor ground disturbance in areas where Native American artifacts may be discovered. Contact lists of interested Native Americans and guidelines for monitoring shall be obtained from the Native American Heritage Commission. Preference in selecting a monitor shall be given to Native Americans with traditional ties to the area that shall be monitored.	Submit to the CPM copies of the information transmittal letters sent to the Chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	No later than 30 days following the discovery of any Native American cultural materials	As required	AECOM	Owner	As required	As required	10/21/10 2010-111	
AR	AR	AR	AR		CUL-16h	CONS	If efforts to obtain the services of a qualified Native American monitor are unsuccessful, the project owner shall immediately inform the CPM. The CPM will either identify potential monitors or will allow ground disturbance to proceed without a Native American monitor.	Submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Within 15 days of receiving comments	As required	AECOM	Owner	As required	As required		
AR	AR	AR	AR		CUL-16i	CONS	The CRS shall also recommend corrective action to resolve the problem or achieve compliance with the Conditions.	Owner shall notify the CPM by telephone or e-mail within 24 hours	Upon becoming aware of any incidents of non-compliance	As required	AECOM	Owner	As required	As required		
AR	AR	AR	AR		CUL-17b	CONS	In the event that a cultural resource over 50 years of age is found (or if younger, determined exceptionally significant by the CPM), or impacts to such a resource can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. Monitoring and daily reporting, as provided in other conditions, shall continue during the project's ground-disturbing activities elsewhere. The halting or redirection of ground disturbance shall remain in effect until the CRS has visited the discovery, and all of the following have occurred. Refer to Condition Items 1-4.	The CRS shall notify the CPM , or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Within 24 hours of a discovery	As required	AECOM	Owner	As required	As required		
AR	AR	AR	AR		CUL-17c	CONS	Owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of such a discovery.	CRS submit appropriate notice to CPM, SMLLC, & Native Americans.	Within 48 hours of the discovery of a resource of interest to Native Americans	As required	AECOM	Owner	As required	As required		

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	AR	AR	AR	AR	CUL-17d	CONS	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval Timing depends on whichever the CRS decides is more appropriate for the subject cultural resource.	Submit completed DPR 523 forms.	no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery	As required	AECOM	Owner	As required	As required		
	AR	AR	AR	AR	CUL-18a	CONS	If the project owner requests a suspension of ground disturbance and/or construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until ground disturbance and/or construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request.	Submit a draft CRR to the CPM and BLM Palm Springs archaeologist for review and comment / approval.	Within 30 days after requesting a suspension of construction activities	As required	AECOM	Owner	As required	As required		
	AR	AR	AR	AR	CUL-19	CONS	If provisions in the BLM Blythe Solar Power Plant Programmatic Agreement and associated implementation and monitoring programs conflict with or duplicate these Conditions of Certification, the BLM provisions shall take precedence.	Provisions in these conditions that are additional to or exceed BLM provisions and represent requirements under the Energy Commission's CEQA responsibilities shall continue to apply to the project's activities, contingent on BLM's approval.	As required	As required	Owner		As required	As required		
					ELEC-01	CONS	Prior to the start of any increment of electrical construction for all electrical equipment and systems 480 Volts or higher (see a representative list, below), with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. All transmission facilities (lines, switchyards, switching stations, and substations) are handled in conditions of certification in the Transmission System Engineering section of this document. (See specific info in condition)	Submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next MCR.	At least 30 days prior to start of construction of each increment of electrical construction	As required	EPC	Owner				KPE SENT SPECS. FOR GENERATOR SET-UP, AND MAIN AUX TO CBO ON 8/31/10
					FWS BO Page 37	CONS	The CFWO is to be notified immediately at (760) 431-9440 if any desert tortoises are found sick, injured, or dead in the action area. Immediate notification means verbal (if possible) and written notice within 1 workday, and must include the date, time, and location of the carcass, and any other pertinent information. Care must be taken in handling sick or injured individuals to ensure effective treatment and care and in handling dead specimens to preserve biological material in the best possible state.	The CFWO should also be notified immediately at (760) 431-9440 if any endangered or threatened species not addressed in this biological opinion is found dead or injured in the project footprint during the life of the project. The same reporting requirements also shall pertain to any healthy individual(s) of any threatened or endangered species found in the action area and handled to remove the animal to a more secure location.	As required	As required	AECOM	Owner				
					GEN-05c	CONS	If any one of the designated responsible engineers is subsequently reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned responsible engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer.	Submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	Within 5 days of reassignment or replacement	As required	EPC					
					GEN-05d	CONS	The project owner shall notify the CPM of the CBO's approval of the new engineer.	Submit the required documentation to the CPM.	Within 5 days of the approval	As required	EPC	Owner				
					GEN-06c	CONS	If the special inspector is subsequently reassigned or replaced, submit the name and qualifications of the newly assigned special inspector to the CBO for approval.	Submit the required information for the new special inspector to the CBO for approval.	Within 5 days of reassignment or replacement	As required	EPC	Owner				
					GEN-06d	CONS	The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	Submit the required documentation to the CPM.	Within 5 days of the approval	As required	EPC	Owner				
2					HAZ-06c	OPS	Owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans. The CPM may authorize modifications to these measures, or may require additional measures such as protective barriers for critical power plant components depending upon circumstances unique to the facility or in response to industry-related standards, security concerns, cyber security, or additional guidance provided by US Dept. of Homeland Security, DOE, or NAERC after consultation with both the appropriate law enforcement agencies and the Applicant.	Obtain approval from CPM if necessary.	As required	As required	Owner	Plant Operator	As required	As required		
					MECH-02	CONS	PRESSURE VESSELS: For all pressure vessels installed in the plant, submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. The project owner shall: 1. Ensure that all boilers and fired and unfired pressure vessels are designed, fabricated, and installed in accordance with the appropriate section of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, or other applicable code. Vendor certification, with identification of applicable code, shall be submitted for prefabricated vessels and tanks; and 2. Have the responsible design engineer submit a statement to the CBO that the proposed final design plans, specifications, and calculations conform to all of the requirements set forth in the appropriate ASME Boiler and Pressure Vessel Code or other applicable codes.	Submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM. Also transmit to the CPM, in the MCR following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to start of onsite fabrication or installation of any pressure vessel	As required	EPC	Owner	As required	As required		

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	X	X	X	X	NOISE-02a	CONS	Throughout the construction of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints. If a complaint is made, use the Noise Complaint Resolution Form, or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; attempt to contact the person(s) making the noise complaint within 24 hours; conduct an investigation to determine the source of noise in the complaint; if the noise is project related, take all feasible measures to reduce the source of the noise; and submit a report documenting the complaint and actions taken. The report shall include: a complaint summary, including the final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem has been resolved to the complainant's satisfaction.	File a Noise Complaint Resolution Form with the City and the CPM documenting resolution of the compliant. If mitigation is required to resolve the complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Within 5 days of receiving a noise complaint	As required	EPC	Owner	As required	As required		
2					NOISE-02b	OPS	Throughout the operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints. Noise Complaint Resolution process will be used. If a complaint is made, use the Noise Complaint Resolution Form, or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; attempt to contact the person(s) making the noise complaint within 24 hours; conduct an investigation to determine the source of noise in the complaint; if the noise is project related, take all feasible measures to reduce the source of the noise; and submit a report documenting the complaint and actions taken. The report shall include: a complaint summary, including the final results of noise reduction efforts and, if obtainable, a signed statement by the complainant stating that the noise problem has been resolved to the complainant's	File a Noise Complaint Resolution Form with the City and the CPM documenting resolution of the compliant.	Within 5 days of receiving a noise complaint	As required	Owner	Plant Operator	As required	As required		
					NOISE-04d	CONS	If the results from the noise survey indicate that pure tones are present, mitigation measures shall be implemented to eliminate the pure tones.	Repeat the survey and submit a summary report of the new noise survey.	Within 15 days of completion of the new survey	As required	EPC	Owner	As required	As required		
					OHV-2 BLM	CONS	The BLM may require the Applicant, in consultation with the BLM, to reestablish north/south OHV connectivity to the west side of the Big Maria Wilderness Area and to the northeast side of the Palen/McCoy Wilderness Area.	BLM will monitor BSPP construction's effect of connectivity in the area. If during construction connectivity becomes an issue, the Field Office will work with PVSI to establish a new route.	As required	As required	Owner					3/21/11: BLM will monitor BSPP construction's effect of connectivity in the area. If during construction connectivity becomes an issue, the Field Office will work with PVSI to establish a new route
					PAL-01c	CONS	If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM. The letter shall be provided to the CPM. Prior to the termination or release of a PRS, Owner shall submit the resume of the proposed new PRS to the CPM for review and approval.	As necessary	no later than one week prior to the monitor's beginning onsite duties	As required	AECOM	Owner	As required	As required		
					PAL-02c	CONS	If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase.	A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM.	within 5 days of identifying the changes	As required	AECOM	Owner	As required	As required		
					PAL-02d	CONS	Before work commences on affected phases, the project Owner shall notify the PRS and CPM of any construction phase scheduling changes. At a minimum, the project Owner shall ensure that the PRS or PRM consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week and until ground disturbance is completed.	If there are changes to the scheduling of the construction phases, Owner shall submit a letter to the CPM.	within 5 days of identifying the changes	As required	AECOM	Owner	As required	As required		
					PAL-04b	CONS	If the Owner requests an alternate paleontologic trainer, the resume and qualifications of the trainer shall be submitted to CPM. Alternate trainers shall not conduct training prior to CPM authorization.	Submit resume and quals to the CPM for review and approval prior to installation of an alternate trainer.	As required	As required	AECOM	Owner	As required	As required		
					PAL-05b	CONS	When feasible, the CPM shall be notified 10 days in advance of any proposed changes in monitoring different from the plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	Notify CPM of modification as soon as possible.	10 days in advance of proposed monitoring changes	As required	AECOM	Owner	As required	As required		
					PAL-05c	CONS	For any significant paleontologic resources encountered, either the project Owner or the PRS shall notify the CPM within 24 hours, or Monday morning in the case of a weekend event, where construction has been halted because of a paleontologic find.	PRS to notify CPM, and SMLLC Compliance.	Within 24 hours of paleo find	As required	AECOM	Owner	As required	As required		
					PAL-06b	CONS	The project owner shall be responsible for paying any curation fees charged by the museum for fossils collected and curated as a result of paleontologic mitigation.	A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	As required	As required	AECOM	Owner	As required	As required		
					PHS-02 BLM	PC	AML openings should be identified, flagged and avoided if they pose a physical safety hazard. The Applicant should coordinate with the BLM to identify any hazards with the openings on public land so that BLM may develop mitigation measures to avoid the sites or mitigate related hazards. Such mitigation measures shall be consistent with the BLM's Abandoned Mine Land Program Policy Handbook (H-3720-1) (BLM, 2007), as it may be amended from time to time, or with a comparable resource. The Applicant also shall coordinate with the owner of the site that appears to be on private land to mitigate any hazards associated with that opening.	This only requires action if there is a potential safety hazard. BLM agrees that is not the case, so therefore we do nothing.	As required	As required	Owner	Owner	As required	As required		Approved by BLM per Jim Miggliore's email of 3/21/11

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					REC-01 BLM	PC	The Applicant shall engage residents of Blythe, recreation user groups, interested public, organizations, and agencies to identify specific recreation management prescriptions to provide alternative recreational opportunities and experiences on the lands outside the BSPP site boundary. This effort shall delineate what the BLM and its partners would do to provide any additional management, marketing, monitoring, and administrative actions to meet recreational benefit demands for this area		As required	As required	Owner	Owner				Approved by BLM per Jim Miggliore's email of 3/21/11
		X			S&W-02b	CONS	The Project owner shall implement the activities reviewed and approved in the Water Supply Plan in accordance with the agreed upon schedule in the Water Supply Plan.	If agreement with the CPM on identification or implementation of offset activities cannot be achieved the Project owner shall immediately halt construction or operation until the agreed upon activities can be identified and implemented.	As required	As required	AECOM	Owner	As required	As required	Resubmitted info on 1/19/11 2011-173	Approved by CEC for Phase 1a on 2/24/11 but wants to keep working with BSPP on implementation of plan.
1					S&W-03 Well #1 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #2 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #3 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #4 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #5 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #6 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #7 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-1 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	EPC to provide compliance info to Owner & AECOM	As required	As required		
1					S&W-03 Well #MW-11 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-12 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-13 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-2 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-3 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-4 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-5 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
1					S&W-03 Well #MW-6 Step 7	CONS	Step 7: During well construction and for the operational life of the well, submit two copies to the CPM of any proposed well construction or operation permit changes within 10 days of submittal to or receipt from the County of Riverside.	Submit the required documentation to the CEC.	Ongoing during construction	As required	AECOM	Owner	As required	As required		
					S&W-07c	CONS	Any changes to the design, construction, or operation of the evaporation basins,, treatment units, or storm water system shall be requested in writing to the CPM, with copies to the CRBRWQCB, and approved by the CPM, in consultation with the CRBRWQCB, prior to initiation of any changes.	The project owner shall provide to the CPM, with copies to the CRBRWQCB, all monitoring reports required by the WDRs, and fully explain any violations, exceedances, enforcement actions, or corrective actions related to construction or operation of the evaporation basins, treatment units, or storm water system.	No later than 60 days prior to any wastewater or storm water discharge or use of land treatment units	As required						

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					TRANS-10a	CONS	Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related glare complaints. The project owner or authorized agent shall: • Provide copies of the Glare Complaint Resolution Form (below) to the Blythe Airport operator, along with the toll-free number required pursuant to Condition of Certification COMPLIANCE-9. • Use the Complaint Resolution Form, or functionally equivalent procedure acceptable to the CPM, to document and respond to each complaint. • Attempt to contact the person or persons making the complaint within 24 hours. If not contacted within 24 hours, attempt to contact the person or persons for a reasonable time period, to be determined by the CPM. • Conduct an investigation to determine the source of glare related to the complaint. • If the glare is project related, take all feasible measures to reduce the glare at its source. • As soon as the complaint has been resolved to the complainant's satisfaction, submit to the CPM a report in which the complaint as well as the actions taken to resolve the complaint are documented. The report shall include (1) a	Provide copies of the resolution form to the Blythe Airport Operator, along with the toll-free number required by Condition COM-9.	30 days prior to the start of mirror installation	As required	EPC	Owner	As required	As required		
					TRANS-10b	CONS	File with the City of Blythe Development Services Department, the Riverside County Planning Department, the Federal Aviation Administration, the Riverside County Airport Land Use Commission, and the CPM a copy of the Glare Complaint Resolution Form, documenting the resolution of the complaint.	Submit required documentation to multiple required agencies.	Within five business days of receiving a glare complaint	As required	Owner	EPC	As required	As required		
					TRANS-10c	CONS	If mitigation is required to resolve a complaint and the complaint is not resolved within three business days, submit an updated Glare Complaint Resolution Form when the mitigation is implemented.	Submit required documentation.	As required	As required	Owner	EPC	As required	As required		
2					TRANS-10d	OPS	Document, investigate, evaluate, and attempt to resolve all project-related glare complaints. The project owner or authorized agent shall: • Use the Complaint Resolution Form, or functionally equivalent procedure acceptable to the CPM, to document and respond to each complaint. • Attempt to contact the person or persons making the complaint within 24 hours. If not contacted within 24 hours, attempt to contact the person or persons for a reasonable time period, to be determined by the CPM. • Conduct an investigation to determine the source of glare related to the complaint. • If the glare is project related, take all feasible measures to reduce the glare at its source. • As soon as the complaint has been resolved to the complainant's satisfaction, submit to the CPM a report in which the complaint as well as the actions taken to resolve the complaint are documented. The report shall include (1) a complaint summary, including the name and address of the complainant; (2) final results of glare reduction efforts; and (3) a signed statement by the complainant, if obtainable, in which complainant states that the glare problem is resolved to his or her satisfaction.	Implement the compliant resolution process during operations.	As required	As required	Owner	Plant Operator	As required	As required		
					TSE-03	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend corrective action (2001 California Building Code, Chapter 1, section 108.4, approval required; Chapter 17, section 1701.3, Duties and Responsibilities of the Special Inspector; Appendix Chapter 33, section 3317.7, Notification of Noncompliance). The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and refer to this condition of certification.	Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM. If disapproved, advise the CPM within 5 days the reason for disapproval along with the revised corrective action required to obtain the CBO's approval.	Within 15 days of receipt	As required	Owner	T/L Sub	As required	As required		
					VIS-01 BLM	CONS	The project owner shall paint power blocks structures and other vertical construction shadow gray as shown on the BLM Color Chart. The BLM did not intend BLM-VIS-1 to be imposed where views of the backs of solar troughs could not be visible outside the facility due to fences and other intervening structures or obstructions .	No further action with respect to the color treatment of the backs of mirrors is necessary. As required by CEC's Condition of Certification VIS-1, PVSI will develop a Surface Treatment Plan in consultation with BLM and CEC to specify appropriate color treatment of buildings or structures visible to the public	As required	As required	EPC	Owner	As required	As required		Approved by BLM per Jim Miggliore's email of 3/21/11
					VIS-03d	CONS	Respond to lighting complaints during construction and operations.	Within 48 hours of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions including a proposal to resolve the complaint, and a schedule for implementation. The project owner shall notify the CPM within 48 hours after completing implementation of the proposal. A copy of the complaint resolution form report shall be submitted to the CPM within 20 days	As required	As required	EPC	Owner	As required	As required		
					WASTE-07b	CONS	Submit any required revisions upon notification from the CPM that revisions are necessary.	Submit the required documentation to the CPM.	Within 20 days of notification from the CPM that revisions are necessary	As required	EPC	Owner	As required	As required		
					WASTE-08a	CONS	Provide an assessment of whether the HTF contaminated soil is considered hazardous or non-hazardous under state regulations. HTF-contaminated soil that exceeds the hazardous waste levels must be disposed of in accordance with California Health and Safety Code (HSC) Section 25203. HTF contaminated soil that does not exceed the hazardous waste levels may be discharged into the land treatment unit (LTU). For discharges into the LTU, the project Owner shall comply with the Waste Discharge Requirements contained in the Soil & Water Resources section	Submit the required documentation to DTSC and the CPM for review and approval.	Ongoing during construction	As required	EPC	Owner	As required	As required		

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					WASTE-09	CONS	Ensure that all accidental spills or unauthorized releases of hazardous substances, hazardous materials, and hazardous waste are documented and remediated, and that wastes generated from accidental spills and unauthorized releases are properly managed and disposed of in accordance with all applicable federal, state, and local requirements. For the purposes of this condition, "release" shall have the definition in Title 40 of the Code of Federal Regulations, Part 302.3. The documentation shall include, at a minimum, the following information: location of release; date and time of release; reason for release; volume released; how release was managed and material cleaned up; amount of contaminated soil and/or cleanup wastes generated; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release or spill; and disposition of any hazardous wastes and/or contaminated soils and materials that may have been generated by the release.	Owner shall document management of all accidental spills and unauthorized releases of hazardous substances, hazardous materials, and hazardous wastes that occur on the project property or related linear facilities. A copy of the accidental spill or unauthorized release documentation shall be provided to the CPM	within 30 days of the date the release was discovered	As required	EPC	Owner	As required	As required		
S	S	S	S		AQ-SC01a	PC	Designate and retain an on-site Air Quality Construction Mitigation Manager (AQCMM) who shall be responsible for directing and documenting compliance with AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction. The on-site AQCMM may delegate responsibilities to one or more AQCMM Delegates. The AQCMM and AQCMM Delegates shall have full access to all areas of construction on the project site and linear facilities, and shall have the authority to stop any or all construction activities as warranted by applicable construction mitigation conditions. The AQCMM and AQCMM Delegates may have other responsibilities in addition to those described in this condition.	Submit to the CPM for approval the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM delegates.	At least 30 days prior to ground disturbance	Complete	EPC	Owner			09/17/2010 2010-026	Approved by the CEC on 10/07/2010
S	S	S	S		AQ-SC02	PC	Provide an Air Quality Construction Mitigation Plan which details the steps that will be taken and the reporting requirements necessary to ensure compliance with conditions AQ-SC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval. The AQCMP shall include effectiveness and environmental data for the proposed soil stabilizer. The CPM will notify the project owner of any necessary modifications to the plan within 15 days from the date of receipt.	At least 30 days prior to ground disturbance	Complete	EPC	Owner	Will be resubmitted along with WS-8		09/21/2010 2010-031	Approved by the CEC on 10/07/2010
S	S	S	S		BIO-01a	PC	DESIGNATED BIOLOGIST SELECTION AND QUALS:Assign at least one Designated Biologist (DB) to the Project. The resume of the proposed DB(s) shall include at least three references and contact information. The DB must meet the minimum qualifications specified in the condition.	Submit the DB's name along with a USFWS Desert Tortoise Authorized Biologist Request Form to the USFWS and CPM for review and final approval. No construction related ground disturbance, grading, boring, or trenching shall commence until an approved DB is available to be on site simultaneously.	No fewer than 45 days prior to the start of site mobilization or constructed-related ground disturbance	Complete	AECOM	Owner			9/14/2010 2010-016 Resubmitted on 10/15/10 2010-102	Approved by the CEC on 11/03/2010 **Pending Final Approval from USFWS**
S	S	S	S		BIO-03a	PC	BIOLOGICAL MONITOR SELECTION & QUALIFICATIONS: DB shall submit the resume, at least three references, and contact information of the proposed Biological Monitor(s) (BM) to the CPM. The resume shall demonstrate, to the satisfaction of the CPM, the appropriate education and experience to accomplish the assigned biological resource tasks. The BM is the equivalent of the USFWS designated Desert Tortoise Monitor. BM training by the DB shall include familiarity with the conditions of certification, BRMIMP, WEAP, and USFWS guidelines on desert tortoise surveys and handling procedures.	Submit the specified information to the CPM for approval. The DB shall submit a written statement to the CPM confirming that individual BM(s) has been trained including the date when training was completed.	At least 30 days prior to the start of site mobilization or construction-related ground disturbance, grading, boring or trenching	Complete	AECOM	Owner			9/24/2010 resubmittal of WBO monitors 10/20/10 2010-109	Approved by the CEC on 10/05/2010
S	S	S	S		BIO-03c	PC	BM training by the DB shall include familiarity with the conditions of certification, BRMIMP, WEAP, and USFWS guidelines on desert tortoise surveys and handling procedures.	Submit the specified information to the CPM for approval. The DB shall submit a written statement to the CPM confirming that individual BM(s) has been trained including the date when training was completed.	Atleast 7 days prior to ground disturbance	Complete	AECOM	Owner			10/25/10 2010-129	Approved by the CEC on 11/03/2010
S	S	S	S		BIO-06a	PC	WEAP: Develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and secure approval for the WEAP from the CPM. The Project owner shall also provide the BLM, USFWS, and CDFG a copy of all portions of the WEAP relating to desert tortoise and any other federal or state-listed species for review and comment. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel. The WEAP shall be implemented during site preconstruction, construction, operation, and closure. The WEAP shall also include training related to BIO-19.	Provide to the CPM for review and approval and to BLM, USFWS, and CDFG a copy of the WEAP and all supporting written materials and electronic media prepared or reviewed by the DB and a resume of the person(s) administering the program.	At least 30 days prior to construction-related ground disturbance	Complete	AECOM	Owner	6/1/10		9/21/2010 2010-031	CEC APPROVED 11-1-10
S	S	S	S		BIO-06b	PC	Submit two copies of the final WEAP.	Submit the required info to the CPM.	At least 10 days prior to construction related ground disturbance activities	Complete	AECOM	Owner			10/25/10 2010-131	CEC APPROVED 11-1-10
					BIO-07 BLM	PC	To address potential impact to Climate Change, the BLM would require, as discussed in Section 4.17 Vegetation, in concert with BIO-7, that the Applicant shall ensure that monitoring accomplished under BIO-7 and other mitigating measures use available climatalogical data when analyzing project effects or resource trends.	Submit the final BRMIMP to the CPM for review and approval. The BRMIMP shall be prepared in consultation with the DB and include up-to-date maps depicting the location of sensitive biological resources. The BRMIMP shall also contain all of the required measures included in all biological Conditions of Certification. No construction-related ground disturbance, grading, boring or trenching may occur prior to approval of the final BRMIMP by the CPM.	At least 30 days prior to start of any preconstruction site mobilization and construction-related ground disturbance, grading, boring, and trenching	Complete	AECOM	Owner	7/4/10	9/2/2010 Submitted to BLM 10/1/10		BLM has received BRMIMP

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	S	S	S	S	BIO-07a	PC	BRMIMP: Develop a Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) that includes complete and detailed descriptions of the information requested in the condition (items 1-12). Implement the measures identified in the approved BRMIMP. The BRMIMP shall incorporate avoidance and minimization measures described in final versions of the Desert Tortoise Relocation Translocation Plan, the Raven Management Plan, the Closure, Conceptual Restoration Plan, the Burrowing Owl Mitigation and Monitoring Plan, and the Weed Management Plan, and all other biological mitigation and/or monitoring plans associated with the project. Provide to BLM, CDFG, an USFWS a copy of all portions of the BRMIMP relating to desert tortoise and any other federal or state-listed species for review and	Provide two copies of the draft BRMIMP to the CEC for review and approval. At the same time, provide to BLM, CDFG, and USFWS a copy of all portions of the draft BRMIMP relating to desert tortoise and any other federal or state-listed species. The BRMIMP shall be prepared in consultation with the DB and include up-to-date maps depicting the location of sensitive biological resources. The BRMIMP shall also contain all of the required measures included in all biological Conditions of Certification. No construction-related ground disturbance, grading, boring or trenching may occur prior to approval of the final BRMIMP by the CPM.	At least 30 days prior to start of any preconstruction site mobilization and construction-related ground disturbance, grading, boring, and trenching	Complete	AECOM	Owner			10/26/10 201-0130	Approved by the CEC on 12/3/10
	S	S	S	S	BIO-07e	PC	To verify that the extent of construction disturbance does not exceed that described in these conditions, submit aerial photographs, at an approved scale, taken before and after construction to the CPM, BLM, USFWS, and CDFG. The first set of aerial photographs shall reflect site conditions prior to any preconstruction site mobilization and construction-related ground disturbance, grading, boring, and trenching.	Submit the required photographs to the CPM, BLM, USFWS, and CDFG.	prior to initiation of such activities	Complete	OWNER	AECOM			8/31/2010 2010-005 RESUB TO CEC 10/20/10 2010-107	Sub to agencies 11/19/08 2010-146. Approved by the CEC on 12/15/10.
	S	S	S	S	BIO-07h	PC	Provide a final accounting in whole acres of the areas of vegetation communities/cover types present before construction. Construction acreages shall be rounded to the nearest acre.	Include the required information in the BRMIMP.	At least 30 days prior to start of any preconstruction site mobilization and construction-related ground disturbance, grading, boring, and trenching	Complete	AECOM	Owner	TBD	TBD	10/05/10 2010-063	APPROVED BY CEC 10/14/10
	S	S	S	S	BIO-08b	PC	Submit a final agency-approved Revegetation Plan that has been reviewed and approved by the CPM. All modifications to the Reveg Plan shall be made only after approval from the CPM.	Provide the report to the CPM for review and approval.	No less than 30 days prior to start of construction	Complete	AECOM	EPC			10/8/10 2010-070	APPROVED BY CEC 11/3/10
	S	S	S	S	BIO-11a(2)	CONS	Notify the CPM before initiating construction-related ground disturbance activities.	The DB shall perform this activity.	At least 14 calendar days before initiating construction-related ground disturbance activities	Complete	AECOM	Owner			10/15/10 2010-094	CEC approved for Phase 1a on 11/1/10
	X	X			BIO-12e(1)	PC	DT MITIGATION SECURITY PHASE 1A: If the mitigation actions required under this condition are not completed prior to the start of ground-disturbing activities, the Project owner shall provide the CPM and CDFG, with copies to BLM, and USFWS with an approved form of Security no later than 30 days prior to beginning Project ground-disturbing activities.	The Project Owner shall provide the CPM and CDFG with an approved form of Security for Phase 1A. Security shall be provided in the amounts of $2,374,672 for Phase 1a.	At least 30 days prior to the start of ground-disturbing activities	Complete	Owner				9/28/2010 2010-045	Approved by the CEC on 10/29/10
	X	X			BIO-12e(2)	PC	DT MITIGATION SECURITY PHASE 1A: The project owner shall provide actual Security for Phase 1A.	Actual Security shall be provided no later than 7 days prior to the beginning of Project ground-disturbing activities.	No more than 7 days prior to ground disturbing activities	Complete	Owner				10/22/2010 2010-103	Approved by the CEC on 10/29/10
	X	X	X	X	BIO-13a	CONS	RAVEN MANAGEMENT PLAN: Implement a RMP that is consistent with the most current USFWS-approved raven management guidelines, and which meets the approval of the CPM , in consultation with the BLM, USFWS and CDFG. The draft Raven Plan submitted by the Applicant shall provide the basis for the final Raven Plan, subject to review, revisions and approval from the CPM, BLM AO, CDFG and USFWS. The Raven Plan shall include but not be limited to a program to monitor raven presence in the project vicinity, determine if raven numbers are increasing, and to implement raven control measures as needed based on that monitoring. The purpose of the plan is to avoid any project-related increases in raven numbers during construction, operation, and decommissioning. In addition to monitoring at the Project site, the Plan shall address raven monitoring and control at the new water source proposed in the McCoy Mountains in staff's proposed Condition of Certification BIO-21.	Provide the CPM, USFWS, and CDFG with the final version of a Raven Plan. The CPM would determine the plan's acceptability within 15 days of receipt of the final plan. All modifications to the approved Raven Plan shall be made only with approval of the CPM in consultation with USFWS, and CDFG.	No less than 10 days prior to start of any Project-related ground disturbance activities	Complete	AECOM	Owner	6/1/10		10/01/10 2010-050 04/12/11 2011-191	APPROVED BY CEC 10/14/10 but agencies requested revision. Revision sent on 04/12/11
		X			BIO-13b(1)	PC	RAVEN MANAGEMENT PLAN FUNDING:The Project owner shall also provide funding for implementation of the USFWS Regional Raven Management Program, as described in the Condition. The one time fee shall be as described in the cost allocation methodology (Exhibit 213, Renewable Energy Development And Common Raven Predation on the Desert Tortoise – Summary, dated May 2010; Cost Allocation Methodology for Implementation of the Regional Raven Management Plan, dated July 9, 2010) or more current guidance as provided by USFWS or CDFG.	Provide documentation to the CPM, BLM, CDFG, and USFWS that the one-time fee for the USFWS Regional Raven Management Program has been deposited to the REAT-NFWS subaccount for the Project. Current estimate for the fee for the USFWS Regional Raven Management Program is $105/acre. Phase 1a disturbance is estimated to be 769 acres.	No less than 10 days prior to start of any Project-related ground disturbance activities	Complete	Owner				10/11/10 2010-72 to CEC & 2010-73 to CDFG, USFWS, BLM; resubmitted on 10/14/2010 2010-086	Phase-1a Payment Approved by the CEC on 10/25/10
	S	S	S	S	BIO-14a(1)	PC	Implement a Weed Management Plan (WMP) that meets the approval of the CPM. The WMP shall include at a minimum the following information: specific weed management objectives and measures for each target non-native weed species; baseline conditions; a map of the Weed Management Areas; weed risk assessment and measures to prevent the introduction and spread of weeds; monitoring and surveying methods; and reporting requirements.	Submit a draft version of the WMP to the BLM, CEC, USFWS, and CDFG for review and approval.	40 days prior to ground disturbance	Complete	AECOM	Owner			CEC 9/20/2010 2010-028 BLM, USFWS, CDFG 2010-087	
	S	S	S	S	BIO-14a(2)	PC	Submit a final WMP to the CPM that responds to Staff comments.	Submit a final draft of the WMP to the CPM.	7 days prior to ground disturbance	Complete	AECOM	Owner			10/22/10 2010-095	CEC APPROVED ON 11/01/10

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	X	X	X	X	BIO-18b	CONS	BURROWING OWL SURVEYS: If pre-construction surveys detect burrowing owls within the Project Disturbance Area and relocation of the owls is required, prepare a Burrowing Owl Mitigation Plan that addresses items 2a-d as set forth in the condition.	Submit the Burrowing Owl Mitigation Plan to the **CPM, BLM AO, CDFG**, and **USFWS**.	Within 30 days of completion of burrowing owl pre-construction surveys **Survey activities will be included in the MCR**	Complete	AECOM	Owner			10/11/10 2010-076 CEC & 2010-077 to agencies	CEC APPROVED 11-3-10 MCR contains regular updates; we will send the MCR Bio Report to the agencies
					BIO-19a	CONS	SPECIAL STATUS PLANTS: The Project owner shall implement the measures set forth in BIO-19 to avoid, minimize, and mitigate accidental impacts to special-status plants occuring outside of the Project Disturbance Area and iwthin 100 feet of the Project Disturbance Area during construction, operation, and closure.	Submit to the CPM for review and approval a draft Special-Status Plant Mitigation Plan	No less than 30 days prior to beginning Project ground-disturbing activities	Complete	AECOM					Submitted a letter indicating no Mitigation Plan needed because no SSPs found during survey
	S	S	S	S	BIO-19b(1)	PC	SPECIAL STATUS PLANTS: Bring on an experienced botanist who meets the qualifications described in B-2 below shall oversee compliance with all special-status plant avoidance, minimization, and compensation measures described in this condition throughout construction, and closure.	The Designated Botanist shall oversee and train all other Biological Monitors tasked with conducting botanical survey and monitoring work.	No less than 30 days prior to beginning Project ground-disturbing activities	Complete	AECOM	Owner			09/17/2010 2010-024	APPROVED BY CEC 9/27/10
					BIO-19e	CONS	SPECIAL STATUS PLANTS: Conduct pre-construction collection of seed (or other propagules) of the affected special-status plants within the Project Disturbance Area	Conduct the collection according to the seed collection and storage guidelines contained in (Wall 2009a; Bainbridge 2007) as set forth in the condition.	in the summer-fall season prior to the start of construction	Complete	AECOM		7/30/10	6/30/10		No plant seeds found, so none submitted
					BIO-19f(1)	PC	SPECIAL STATUS PLANTS: Conduct late-summer/fall botanical surveys as described in the condition.	Progress Reports shall be submitted during surveys and shall include the info specified in the condition.	No less than 30 days prior to the start of ground-disturbing activities	Complete	AECOM				10/01/10 2010-056	APPROVED BY CEC 11/4/10 for Phase 1a
					BIO-19f(2)	CONS	SPECIAL STATUS PLANTS: Owner shall submit grading plans and construction drawings to the CPM which depict the location of Environmentally Sensitive Areas and the Avoidance and Minimization Measures contained in Section A of this Condition.	Submit grading plans and construction drawings to CPM.	No less than 30 days prior to the start of ground-disturbing activities	Complete	EPC	AECOM			10/01/10 2010-056	APPROVED BY CEC 11/4/10 for Phase 1A
					BIO-19g(1)	CONS	SPECIAL STATUS PLANTS: Progress Reports shall be submitted during surveys and shall include the info specified in the condition.	Submit the required reports to the **CPM** and **BLM**.	Dates specified in condition	Complete	AECOM	Owner	7/30/10	6/30/10	10/01/10 2010-056	APPROVED BY CEC 11/4/10
					BIO-19g(2)	CONS	SPECIAL STATUS PLANTS: Raw GPS data, metadata, and CNDDB field forms shall be submitted to the CPM. A preliminary summary of results for the late summer/fall botanical surveys shall also be submitted to the CPM and BLM's State Botanist. If surveys are split into two or more periods (e.g., a late summer survey and a fall survey), then a summary letter shall be submitted following each survey period.	Submit required documentation and summary of results to **CPM** and **BLM State Botanist**.	within two weeks of the completion of each survey.	Complete	AECOM	Owner			10/01/10 2010-056	APPROVED BY CEC 11/4/10
					BIO-19h	CONS	SPECIAL STATUS PLANTS: Prepare a Final Summer-Fall Botanical Survey Report that includes the information specified in the condition, along with GIS shape files and metadata. The Final Report shall include a detailed accounting, of the acreage of Project impacts to special-status plant occurrences.	Submit the required final survey reports and other documentation to the **CPM** and **BLM State Botanist**.	No less than 30 days prior to the start of ground-disturbing activities	Complete	AECOM	Owner			10/01/10 2010-053	APPROVED BY CEC 11/4/10
	S				BIO-21b(5)	PC	BIG HORN SHEEP: Owner shall provide the CPM with a form of Security for installation, management and monitoring of the water source activities for approval.	Form of security shall be provided to **CPM** with copies to **CDFG and BLM.**	no later than 30 days prior to beginning Project ground-disturbing activities	Complete	Owner				9/28/2010 2010-046	Approved by the CEC on 10/29/10
	S				BIO-21b(6)	PC	BIG HORN SHEEP: Actual Security shall be provided no later than 7 days prior to the beginning of Project ground-disturbing activities.	Provide actual security to **CPM** with copies to **CDFG and BLM.**	7 days prior to the start of ground-disturbing activities	Complete	Owner				10/22/2010 2010-104	Approved by the CEC on 10/29/10
X	X	X	X		BIO-22d(2)	CONS	STATE WATERS MITIGATION: Provide Actual Security to CPM.	Provide required documentationto **CPM** and **CDFG**.	7 days prior to the start of ground-disturbing activities	Complete	Owner				10/22/10 2010-105	Approved by the CEC on 10/29/10 for Phase 1a
					BIO-22l	PC	STATE WATERS: The Project owner shall provide a copy of this condition to all contractors, subcontractors, and the Applicant's Project supervisors. Copies shall be readily available at work sites at all times during periods of active work and must be presented to any CDFG personnel upon demand. The CPM reserves the right to issue a stop work order or allow CDFG to issue a stop work order after giving notice to the Project owner, the CPM, if the CPM in consultation with CDFG, determines that the Project owner has breached any of the terms or conditions or for other reasons, including but not limited to the following: a. The information provided by the Applicant regarding streambed alteration is incomplete or inaccurate; b. New information becomes available that was not known to it in preparing the terms and conditions; or c. The Project or Project activities as described in the Staff Assessment have changed.	The Project owner shall provide a copy of this condition (Condition of Certification BIO-22) from the Energy Commission Decision to all contractors, subcontractors, and the Applicant's Project supervisors.	15 days prior to ground disturbance	Complete	Owner	Both KPC and AECOM	9/22/10	10/1/10	10/15/2010 2010-096	Approved by the CEC on 11/03/10
X					BIO-23a(1)	PC	Upon Project closure, implement a Decommissioning and Reclamation Plan for Phase 1a. The Decommissioning and Reclamation Plan shall include a cost estimate for implementing the proposed decommissioning and reclamation activities, and shall be consistent with the guidelines in BLM's 43 CFR 3809.550 et seq.,	Provide to the CPM (for review) and to BLM AO (for review and approval) a draft Decommissioning and Reclamation Plan.	No fewer than 30 days prior to the start of Project-related ground disturbing activities	Complete	AECOM	Owner			10/04/10 CEC 2010-058 BLM 2010-060 for Phase 1A only	CEC APPROVAL ON 10/18/10 **PENDING BLM APPROVAL**
					BIO-24a(1)	CONS	GOLDEN EAGLE INVENTORY & MONITORING: During each year of construction, conduct an inventory to determine if golden eagle territories occur one miles of the Project boundaries. Data collected during the inventory shall include at least the following: territory status (unknown, vacant, occupied, breeding successful, breeding unsuccessful); nest location, nest elevation; age class of golden eagles observed; nesting chronology; number of young at each visit; digital photographs; and substrate upon which nest is placed. (See condition for criteria on how to determine unoccupied territory status.)	Submit a report to the **CPM, CDFG**, and **USFWS** documenting the results of the **2010** inventory.	No fewer than 30 days from completion of the golden eagle inventory	Complete	AECOM	Owner			10/20/2010 2010-108	2010 SURVEY Approved by the CEC on 11/03/10

ACR - Annual Compliance Report; BLM - Bureau of Land Management;
CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
					BIO-26a	PC	COUCH'S SPADEFOOT TOAD IMPACT AVOIDANCE & MINIMIZATION MEASURES: Prepare and implement a Couch's Spadefoot Toad Protection and Mitigation Plan (Protection and Mitigation Plan) to avoid, minimize or mitigate impacts to Couch's spadefoot toads and their breeding habitat during construction and operation of the Project. The Protection and Mitigation Plan shall address on-site protection and mitigation measures to be implemented during construction. The Protection and Mitigation Plan shall be approved by the CPM in consultation with CDFG, and shall be incorporated into the Project's BRMIMP and implemented	Submit to the CPM and CDFG, a final Protection and Mitigation Plan. Modifications to the Protection and Mitigation Plan shall be made only after approval from the CPM, in consultation with CDFG.	No less than 30 days prior to any Project-related ground disturbance	Complete	AECOM	EPC			10/01/10 2010-052	CEC APPROVED ON 11/01/10
	X	X			BIO-28a	PC	PHASING: The project Owner shall provide compensatory mitigation for the total Project Disturbance Area and may provide such mitigation in three phases, Phase 1a, Phase 1b, and Phase 2. "Project Disturbance Area" encompasses all areas to be temporarily and permanently disturbed by the project. Project construction will occur in three phases that generally follow development of the solar units, with the exception of the first phase of the project, Phase 1a, which will consist of two types of construction areas: (1) linear facilities, including the access road and communication lines and (2) non-linear facilities to include a staging/laydown area and a portion of the Unit 1 solar block area. Phase 1b shall consist of the remainder of Unit 1 and Unit 2, and Phase 2 shall consist of the remainder of the project (Units 3 and 4). These phases will generally include installation of fencing, clearing, grubbing and grading, and development of common facilities first, followed by the remaining power block units. All construction activities for the non-linear features during these subsequent phases will occur within desert tortoise exclusionary fenced areas that have been cleared in	The tables in the Condition shall be refined prior to the start of each construction phase with the disturbance area adjusted to reflect the final project footprint for each phase. Prior to initiating Phase 1a construction the project owner shall submit the actual construction schedule, a figure depicting the locations of proposed construction and amount of acres to be disturbed for that phase to CDFG, USFWS and BLM for review and to the CPM for review and approval. The description for each phase shall include the proposed construction schedule, a figure depicting the locations of proposed construction and amount of acres of each habitat type to be disturbed.	No less than 30 days prior to the start of desert tortoise clearance surveys for each phase	Complete	AECOM	EPC			10/05/10 CEC 2010-061 BLM, CDFG, USFWS 2010-062	APPROVED BY THE CEC ON 10/22/10
					COM-03	PC	A cover letter from the project owner or authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters. The cover letter subject line shall identify the project by AFC number, the appropriate condition(s) of certification by condition number(s), and a brief description of the subject of the submittal.	All hardcopy submittals shall be addressed to the CEC CPM. Submittals shall be accompanied by a searchable electronic copy, on a CD or by e-mail, as agreed upon by the CPM.	Ongoing	Complete	Owner		TBD	TBD		APPROVED BY THE CEC ON 10/22/10
					COM-04	PC	Submit a pre-construction matrix addressing only those conditions that must be fulfilled before the start of construction can commence.	Submit pre-construction matrix showing all completed PC conditions.	Prior to start of construction	Complete	Owner					APPROVED BY THE CEC ON 10/22/10
					COM-09b	PC	Owner must send a letter to property owners living within one mile of the Project notifying them of telephone number to contact with questions, comments or concerns. Telephone number either must be staffed 24 hours a day or shall include automatic answering with a date and time stamp recording. All recoreded complaints shall be responded to within 24 hours	Acquire Project phone number, for Project signs and provide to CEC for posting on CEC webpage. Send letter with acquired phone number to 1 mile radius.	Prior to the start of construction	Complete	Owner		10/20/10		10/15/10 2010-094	APPROVED BY THE CEC ON 10/22/10
					CUL-03a	PC	Obtain the services of a CRS to manage all cultural resources mitigation, monitoring, curation, and reporting activities in accordance with the conditions of certification. Owner shall ensure that the CRS implements the cultural resources conditions, providing for data recovery from known historical resources, and shall ensure that the CRS makes recommendations regarding the eligibility for listing in the CRHR of any cultural resources that are newly discovered or that may be impacted in an unanticipated manner. The CRS may obtain the services of field crew members and cultural resources monitors (CRMs), if needed, to assist in mitigation, monitoring, and curation activities. Two technical specialists, a PPA, and a PHA must also be assigned to the project.	Submit the resumes for the CRS, the alternate CRS(s) if desired, the PPA, and the PHA to the CPM for review and approval. No ground disturbance shall occur prior to CPM approval of the CRS and alternates, unless such activities are specifically approved by the CPM.	Preferably at least 120 days, but no less than 75 prior to the start of ground disturbance	Complete	AECOM	Owner				
					CUL-03b	PC	Confirm in writing to the CPM that the approved CRS, the PPA, and the PHA will be available for on-site work and are prepared to implement the cultural resources Conditions CUL-6 through CUL-11.	Send written confirmation letter to CPM.	Preferably at least 120 days, but no less than 75 prior to the start of ground disturbance	Complete	Owner	AECOM			8/17/2010 2010-001	APPROVED BY CEC ON 11/2/10
					CUL-03e	PC	Provide a letter naming anticipated field crew members for the project and attesting that the identified field crew members meet the minimum qualifications-required by this Condition.	Submit the required letter to the CPM.	At least 20 days prior to data recovery on known archaeological sites	Complete	AECOM	Owner			10/08/2010 2010-065	APPROVED BY CEC 10/13/10
					CUL-03f	PC	The CRS shall prepare a letter naming anticipated CRMs for the project and attesting that the identified CRMs meet the minimum qualifications for cultural resources monitoring required by this Condition.	CRS shall provide a letter for submittal to the CPM.	At least 20 days prior to ground disturbance	Complete	AECOM	Owner			9/27/2010 2010-040	APPROVED BY CEC 10/13/10
S	S	S	S		CUL-04a	PC	Staff, in consultation with the CRS (Cultural Specialist) , PPA (Project Prehistoric Archaeologist) , and PHA (Project Historical Archaeologist), will review and approve maps and drawings suitable for cultural resources monitoring and data recovery activities. Maps and drawings showing the footprints of the power plant, all linear facility routes, all access roads, and all laydown areas. Maps shall include the appropriate USGS quadrangles and maps at an appropriate scale (e.g., 1:2400 or 1 = 200') for plotting cultural features or materials. If the CRS requests enlargements or strip maps owner shall provide copies to the CRS and CPM. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM. Release of cultural resources information will be pending BLM approval.	Provide the AFC, data responses, confidential cultural resources documents, the Revised Staff Assessment (RSA), and RSA Supplement/Errata to the CRS, if needed, and to the PPA, and PHA. Also provide the subject maps and drawings to the CRS, PPA, PHA, and CPM.	At least 115 days, but no less than 60 days prior to the start of ground disturbance	Complete	Owner	AECOM			8/31/2010 2010-004	APPROVED BY CEC 10/13/10
S	S	S	S		CUL-05b	PC	In a letter to the CPM, the project owner shall agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Provide required documentation.	At least 20 days prior to the start of ground disturbance	Complete	Owner	AECOM			10/08/10 2010-069	APPROVED BY CEC 10/13/10

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	S	S	S	S	CUL-05c	PC	Facility must meet the standards stated in the California State Historical Resources Commission's Guidelines for the Curation of Archaeological Collections. Letter must state the facility's willingness and ability to receive the materials generated by BSPP cultural resources activities and requiring curation	Owner shall provide to the CPM a copy of a letter from a curation facility.	At least 30 days prior to the initiation of ground disturbance	Complete	AECOM	Owner			9/17/2010 2010-025	APPROVED BY CEC 10/13/10
	S	S	S	S	CUL-05d	PC	An agreement for potential future curation must be negotiated and entered into.	Any agreements concerning curation will be retained and be available.	available for audit for the life of the project	Complete	Owner	AECOM			10/21/2010 2010-110	APPROVED BY CEC 11/02/10
	S	X	X	X	CUL-06c(1)	PC	Ensure that the PPA completes the geophysical test and that the CRS and PPA consult with the CPM, via telephone, to arrive at an agreement on the reliability of the use of magnetometry to locate buried PQAD thermal cobble features and how to proceed with the subsurface survey. The approved survey shall be conducted.	Refer to condition 1. - 8. for requirements. Refer to 4b for thermal cobble features and geophysical survey for Thermal Cobble features.	At least 90 days prior to the start of BSPP construction-related ground disturbance in Unit 1 east of Historic Road SMB-H-01	Complete	AECOM	Owner	9/27/10	10/8/10	10/11/10 2010-074 04/12/11 2011-188	4/12/11 Sub pending CEC approval
	X	X			CUL-10c Phase 1a	CONS	Submit to the CPM for review and approval a letter report written by the CRS, evidencing that the field portion of data recovery at each site has been completed. When the CPM approves the letter report, ground disturbance may begin at the site location(s) that are the subject of the letter report.	Submit the letter report to the CPM for review and approval.	Within one week of completing data recovery at a site in Phase 1a	Complete	AECOM	Owner				No Phase 1a sites affected
	X	X			CUL-11c Phase 1a	CONS	Submit to the CPM for review and approval a letter report written by the CRS, evidencing that the field portion of data recovery at each site has been completed. When the CPM approves the letter report, ground disturbance may begin at the site location(s) that are the subject of the letter report.	Submit the letter report to the CPM for review and approval.	Within one week of completing data recovery at a site	Complete	AECOM	Owner				
	S	S	S	S	CUL-12a	PC	Ensure that a qualified architectural historian (must meet the U.S. Secretary of the Interior's Professional Qualifications Standards for historian, as published in Title 36, Code of Federal Regulations, part 61) conducts research and writes a report on the age and use of two historicperiod, unimproved roads (SMB-H-600, SMB-H-601), with particular attention paid to their role during the use of the area by the U. S. Army in World War II training maneuvers (DTC/C-AMA). Owner may undertake this task prior to Energy Commission certification of the project	Submit to the CPM the historian's report documenting the age and historical use of the two roads.	At least 15 days prior to ground disturbance	Complete	AECOM	Owner			10/11/10 2010-075	APPROVED BY CEC ON 11/02/10
	S	S	S	S	CUL-12b	CONS	Provide the historian's report to the DTCCL PIHistorian for use in the possible DTCCL NRHP nomination.	Provide the report to the DTCCL PI-Historian.	Within 15 days after the CPM approves the report	Complete	AECOM	Owner	Within 15 days after the CPM approves the report	Within 15 days after the CPM approves the report		APPROVED BY CEC ON 12/2/10
	S	S	S	S	CUL-13a	CONS	Ensure that a qualified architectural historian (must meet the U.S. Secretary of the Interior's Professional Qualifications Standards for historian, as published in Title 36, Code of Federal Regulations, part 61) conducts research to establish the current existence and locations of the water supply pipelines that connect the Blythe Army Air Base Reservoir pipelines to the former Blythe Army Air Base. The project owner may undertake this task prior to CEC certification of the project	Submit to the CPM the historian's report verifying the current presence or absence of the pipelines and, if they are present, a plan indicating how they will be avoided.	At least 15 days prior to excavating any trenches crossing the old Blythe Army Air Base Reservoir water pipelines	Complete	AECOM	Owner	8/18/10	10/12/10	10/21/10 2010-116	APPROVED BY CEC ON 11/02/10 followed up via letter on 11/12/10 2010-140
	S	S			CUL-13c	CONS	The project owner shall provide the historian's report to the DTCCL PIHistorian for use in the possible DTCCL NRHP nomination.	Forward report to the DTCCL PI-Historian.	Within 15 days after the CPM approves the report	Complete	AECOM	Owner	Within 15 days after the CPM approves the report	Within 15 days after the CPM approves the report		
	S	S	S	S	CUL-14a	PC	Ensure that a qualified architectural historian (must meet the U.S. Secretary of the Interior's Professional Qualifications Standards for historian, as published in Title 36, Code of Federal Regulations, part 61) conducts research to evaluate the CRHR eligibility of the radio communications facility, considering all pertinent register criteria, as well as integrity. If the facility is recommended as CRHR-eligible, the project owner shall propose ways to avoid or mitigate, to a less than significant level, the project's impacts to the facility's integrity of setting and integrity of feeling	Submit to the CPM the historian's recommendation, with supporting evidence, on the eligibility of the radio communications facility and, if it is eligible, a plan indicating how the project's impacts to the facility's integrity of setting and integrity of feeling will be avoided or mitigated to a less than significant level.	At least 45 days prior to construction	Complete	AECOM	Owner			9/27/2010 2010-041	APPROVED BY CEC 10/13/10
	O	O	O	O	CUL-15a	PC	Prior to and for the duration of ground disturbance, provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment at the project site, along the linear facilities routes, and at laydown areas, roads, and other ancillary areas. The training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS shall be available (by telephone or in person) to answer questions posed by employees. The training may be discontinued when ground disturbance is completed or suspended, but must be resumed when ground disturbance, such as landscaping, resumes. Refer to condition 1-10 for training content.	Provide the training program draft text and graphics and the informational brochure to the CPM for review and approval.	At least 30 days prior to the beginning of ground disturbance	Complete	AECOM	Owner			9/21/2010 2010-033 Final Submittal 10/25/10 2010-131	
	O	O	O	O	CUL-15b	PC	CPM will provide to the project owner a WEAP Training Acknowledgement form for each WEAP-trained worker to sign.	Produce and have WEAP Training Acknowledgement form on-site and maintain in on-site records.	At least 15 days prior to the beginning of ground disturbance	Complete	Owner	AECOM			9/21/2010 2010-033	Approved by CPM on 10/21/10 during weekly CPM call
	S	S	S	S	CUL-17a	PC	Owner shall provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, PPA, PHA, and CRMs have the authority to halt ground disturbance in the vicinity of a cultural resources discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS.	Provide required documentation.	At least 30 days prior to the start of ground disturbance	Complete	Owner	AECOM			9/24/2010 2010-035	APPROVED BY CEC 10/13/10
					GEN-02	PC	Before submitting the initial engineering designs for CBO review, furnish the CPM and the CBO with a schedule of facility design submittals, and master drawing and master specifications lists. The schedule shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures and equipment. To facilitate audits by CEC staff, provide specific packages to the CPM upon request	Submit required info to the CPM for review and approval. These documents shall be the pertinent design documents for the major structures and equipment listed in Facility Design Table 1. Major structures and equipment shall be added to or deleted from the table only with CPM approval. Provide schedule updates in the MCR	At least 60 days prior to rough grading	Complete	EPC	Owner			10/01/10 2010-055	APPROVED BY THE CEC ON 10/22/10

ACR - Annual Compliance Report; BLM - Bureau of Land Management;
CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

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					GEN-04a	PC	Assign a California registered architect, or a structural or civil engineer as the resident engineer (RE) in charge of the project (see RE responsibilities listed in Condition). The RE may delegate responsibility for portions of the project to other registered engineers. Registered mechanical and electrical engineers may be delegated responsibility for mechanical and electrical portions of the project, clearly deigned as a distinct unit. Separate assignments of general responsibility may be made for each designated part.	Submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project. Notify the CPM of the CBO's approval within 5 days.	At least 30 days prior to start of rough grading	Complete	EPC	Owner			10/13/10 2010-082	Approved by the CEC on 10/25/10
					GEN-04b	PC	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s).	If the RE or the delegated engineer(s) is subsequently reassigned or replaced, the project owner has five days to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	within five days of the approval	Complete	EPC	Owner			10/13/10 2010-082	Approved by the CEC on 10/25/10
					GEN-05a	PC	Assign at least one of each of the following California registered engineers to the project: a civil engineer; a soils, geotechnical, or civil engineer experienced and knowledgeable in the practice of soils engineering; and an engineering geologist. The tasks performed by the civil, mechanical, electrical, or design engineers may be divided between two or more engineers, as long as each engineer is responsible for a particular segment of the project (for example, proposed earthwork, civil structures, power plant structures, equipment support). No segment of the project shall have more than one responsible engineer. The transmission line may be the responsibility of a separate California registered electrical engineer.	Submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	At least 30 days prior to start of rough grading	Complete	EPC	Owner			10/13/10 2010-083	Approved by the CEC on 10/25/10
					GEN-05b	PC	Assign at least one of each of the following California registered engineers to the project: a design engineer who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; a mechanical engineer; and an electrical engineer.	Submit to the CBO for review and approval, the names, qualifications, and registration numbers of all responsible engineers assigned to the project. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	At least 30 days prior to start of construction	Complete	EPC	Owner			10/13/10 2010-083	Approved by the CEC on 10/25/10
	X	X			GEO-01a	CONS	The Soils Engineering Report required by Section 1802A of the 2007 CBC should specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of corrosive soils, hydro compaction or dynamic compaction; and the presence of expansive clay soils. The report should also include recommendations for ground improvement and/or foundation systems necessary to mitigate these potential geologic hazards, if present.	Include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for liquefaction; settlement due to compressible soils, ground water withdrawal, hydro compaction, or dynamic compaction; and the possible presence of expansive clay soils, and a summary of how the results of the analyses were incorporated into the project foundation and grading plan design for review and comment by the Chief Building Official (CBO). A copy of the Soils Engineering Report, application for grading permit and any comments by the CBO are to be provided to the CPM.	At least 30 days prior to grading	Complete	EPC	Owner				Approved by CBO for access road and shared facilities
					HAZ-05	PC	Prepare a site-specific construction security plan for the construction phase which addresses Items 1-6 in the Condition.	Notify the CPM that a site-specific construction security plan is available for review and approval.	At least 30 days prior to start of construction	Complete	EPC	Owner			9/3/2010 2010-012	APPROVED BY THE CEC 0N 09/20/10
					NOISE-01a	PC	Notify all residents within one mile of the site, by mail or other effective means, of the commencement of project construction. Establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project and include that telephone number in the above notice.	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the above notification has been performed and describing the method of that notification, verifying that the telephone number has been established and posted at the site, and giving that telephone number.	At least 15 days prior to the start of ground disturbance	Complete	Owner	Owner			10/14/10 2010-084	Approved by the CEC on 10/26/10
					NOISE-01b	CONS	The telephone number shall be posted at the project site during construction in a manner visible to passersby and maintained until project has been operational for one year.	Install the sign at the project site entrance road.	Upon receipt of CEC and BLM NTP letters	Complete	EPC	Owner				APPROVED BY CEC ON 12/3/10
					NOISE-03	PC	Prepare a noise control program that will be used to reduce employee exposure to high (above permissible) noise levels during construction in accordance to the applicable OSHA and Cal-OSHA standards.	Submit a noise control program and project manager's verification letter to the CPM and make the program available to Cal-OSHA upon request.	At least 30 days prior to ground disturbance	Complete	EPC	Owner			9/1/2010 2010-007	APPROVED BY THE CEC 0N 09/15/10
					PAL-01a	PC	Provide the CPM with the resume and qualifications of the Paleontological Resource Specialist (PRS) for review and approval.	Submit the resume, names and phone numbers of references, and statement of availability to the CPM for review and approval.	At least 60 days prior to ground disturbance	Complete	AECOM	Owner			8/25/2010 2010-003	APPROVED BY CEC ON 09/08/10
					PAL-01b	PC	Provide a letter with resumes naming anticipated monitors stating they meet minimum quals for monitoring. CRS to provide letter.	Submit the requested info to the CPM .	At least 20 days prior to ground disturbance	Complete	AECOM	Owner			8/25/2010 2010-003	APPROVED BY CEC ON 09/16/10
					PAL-02a	PC	Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the power plant, construction laydown areas and all related facilities. Maps shall identify all areas of the project where ground disturbance is anticipated.	Provide maps and drawings to the PRS and CPM.	At least 30 days prior to ground disturbance	Complete	Owner	AECOM			9/22/10 2010-034	CEC Approved 10-11-10
					PAL-03	PC	The PRS shall prepare a paleontological resources monitoring and mitigation plan (PRMMP) to identify general and specific measures to minimize potential impacts to significant paleontological resources. The PRMMP shall include but not be limited to items 1-10 listed in the Condition. The PRMMP shall function as the formal guide for monitoring, collecting, and sampling activities and may be modified with CPM approval. This document shall be used as the basis of discussion when on-site decisions or changes are proposed. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	Provide a copy of the PRMMP to the CEC CPM, along with an affidavit of authorship by the PRS and acceptance of the PRMMP by the project owner evidenced by a signature. Approval of the PRMMP by the CPM shall occur prior to any ground disturbance.	At least 30 days prior to ground disturbance	Complete	AECOM	Owner			9/28/2010 2010-043	CEC Approved 10-11-10

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					PAL-04a	PC	The PRS shall prepare and conduct weekly CPM-approved training for all project managers, construction supervisors, foremen, and general workers who are involved with or operate ground disturbing equipment or tools. Worker training shall consist of an initial in-person PRS training or may utilize a CPM-approved video or other presentation format during the project kick off Following initial training, a CPM-approved video or other approved training presentation/materials, or in-person training may be used for new employees. The training program may be combined with other training programs CUL, BIO, HAZ, or other. Workers shall not excavate in sensitive units prior to receiving WEAP training, and no ground disturbance shall occur prior to CPM approval of the WEAP, unless specifically approved by	Submit the training program presentation/materials to the CPM for approval if Owner is planning to use a presentation format other than an in-person trainer for training.	At least 30 days prior to ground disturbance	Complete	AECOM	Owner			9/21/2010 2010-032	Approved by CEC on 09/30/10
					REC-03 BLM	PC	The Applicant shall encourage project workers to utilize local housing or private RV parks in Blythe and/or nearby communities.	PVSI will communicate this to our contractors.	As required	Complete	EPC	Owner	#VALUE!	8/30/10 IFR		Approved by BLM per Jim Miggliore's email of 3/21/11
					REC-05 BLM	CONS	The Applicant shall coordinate with the authorized officer for the applicable federal, State, or local parks and recreational facilities at least 15 days before construction in order to identify alternative recreation facilities that may be used by the public during construction. The Applicant shall post a public notice at recreation facilities that are to be closed or where access would be limited during project construction. The Applicant shall document its coordination efforts with the parks and recreation departments and provide this documentation to the Lead Agencies and all affected jurisdictions 15 days prior to construction.	Concerning the "start of construction" as used in BLM-REC-4, -REC-5 and OHV-1, the BLM did not intend to extend the pre-construction schedule by imposing 60 days' advance notice and, instead, is amenable to the correction to a 15-day requirement as proposed by the Applicant in its September 10, 2010, comment letter on the PA/FEIS.	No less than-15 days prior to construction	Complete	EPC	Owner			Fact sheet submitted to BLM on 10/10/10 via email by Jim Migliore	Approved by BLM per Jim Miggliore's email of 3/21/11
1					S&W-04 Well #1	PC	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition.	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	At least 10 days prior to the start of groundwater pumping for construction of the project	Complete	EPC	Owner			9/13/2010 2010-015	Approved by the CEC on 9/30/10 photo submitted CEC approval on 12/10/10
					S&W-05a	PC	Send notices by registered mail to all property owners for wells identified under condition A.2.	Send notices by registered mail to all property owners for wells identified under condition A.2.	At least 60 days in advance of using onsite wells to supply groundwater for Project construction	Complete	AECOM	Owner			9/22/2010 2010-022	Approved by CEC 9/20/10
					S&W-05b	PC	Prepare a Groundwater Level Monitoring, Mitigation, and Reporting Plan for CPM review and approval in advance of using onsite wells to supply groundwater for construction activities. The Groundwater Level Monitoring, Mitigation, and Reporting Plan shall provide detailed methodology for monitoring background and site groundwater levels. Monitoring shall include pre-construction, construction, and operational water use. The plan shall establish pre-construction groundwater level trends from available data that can be quantitatively used as a baseline to establish pre-Project water level trends and to subsequently compare to operational Project pumping water level data.	Submit the plan to the CPM for review and approval before completion of Condition of Certification SOIL&WATER-3 (Well Installation). The Groundwater Monitoring and Reporting Plan shall provide the methodology for monitoring background and site groundwater levels.	At least 30 days in advance of using onsite wells to supply groundwater for Project construction	Complete	AECOM	Owner			10/13/10 2010-079	Approved by CEC on 1/21/11
					S&W-05c	PC	A well reconnaissance shall be conducted to investigate and document the condition of existing water supply wells as established by the groundwater model and condition A.2 below, provided that access is granted by the well owners.	Submit to the CPM, a comprehensive report presenting all the data and information required in item A of the condition. The CPM will provide comments to the plan following submittal. CPM approval of the plan is required prior to operation of the site groundwater supply wells. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	At least 15 days in advance of using onsite wells to supply groundwater for Project construction activities	Complete	AECOM	Owner			10/21/10 2010-113	CEC Approved on 10/29/10 Update letter provided
					S&W-05d	PC	The monitoring network for offsite wells shall be defined by the groundwater model developed for the AFC, using the lower transmissivity value derived from aquifer testing on the site, so as to provide a conservative estimate of the potential impact, and to identify the area predicted to show a water level change of 1 feet or more at the end of construction and at the end of operation.	Submit to the CPM, a comprehensive report presenting all the data and information required in item A of the condition. The CPM will provide comments to the plan following submittal. CPM approval of the plan is required prior to operation of the site groundwater supply wells. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	At least 15 days in advance of using onsite wells to supply groundwater for Project construction activities	Complete	AECOM	Owner		10/5/10	10/21/10 2010-113	CEC Approved on 10/29/10 Update letter provided
					S&W-05e	PC	Monitor to establish preconstruction conditions. The network of monitoring wells shall make use of existing wells in the basin that are accessible and would satisfy the requirements for the monitoring program. The monitoring network shall also include any monitoring wells that are installed to comply with Waste Discharge Requirements (see SOIL&WATER-7). Provided access is granted, additional wells located outside of the area defined by the model and Condition A.2 above will be located to serve as background monitoring wells. Abandoned wells, or wells no longer in use, that are accessible and provide reliable water level data within the potentially impacted area may also be included as part of the monitoring network. A site reconnaissance will be performed to identify wells that could be accessible for monitoring. As access to these wells is available, historic water level, water quality, well construction and well performance information shall be obtained for both pumping and non-pumping conditions.	Submit to the CPM, a comprehensive report presenting all the data and information required in item A of the condition. The CPM will provide comments to the plan following submittal. CPM approval of the plan is required prior to operation of the site groundwater supply wells. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	At least 15 days in advance of using onsite wells to supply groundwater for Project construction activities	Complete	AECOM	Owner			10/21/10 2010-113	CEC Approved on 10/29/10 Update letter provided

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					S&W-05f	PC	As access allows, in advance of using onsite wells to supply groundwater for construction activities, groundwater levels will be measured from the off-site and on-site wells within the network and background wells to provide initial groundwater levels for pre-project trend analysis. The installation and monitoring of water levels using pressure transducers shall be done in selected wells to provide an assessment of seasonal trends.	Submit to the CPM, a comprehensive report presenting all the data and information required in item A of the condition. The CPM will provide comments to the plan following submittal. CPM approval of the plan is required prior to operation of the site groundwater supply wells. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	At least 15 days in advance of using onsite wells to supply groundwater for Project construction activities	Complete	AECOM	Owner			10/21/10 2010-113	CEC Approved on 10/29/10 Update letter provided
					S&W-05g	PC	Construct water level maps within the PVMGB within the area encompassed by all monitoring wells in A.1, 2, 3 and 4 above prior to construction. As data is available, the Project owner shall prepare trend plots, perform statistical analyses using the Mann-Kendall test (or other CEC-approved statistical analysis method) for trend to assess pre-project water level trends.	Submit to the CPM, a comprehensive report presenting all the data and information required in item A of the condition. The CPM will provide comments to the plan following submittal. CPM approval of the plan is required prior to operation of the site groundwater supply wells. The project owner shall also submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	At least 15 days in advance of using onsite wells to supply groundwater for Project construction activities	Complete	AECOM	Owner			10/21/10 2010-113	CEC Approved on 10/29/10 Update letter provided
	S				S&W-10	PC	Identify likely decommissioning scenarios and develop specific decommissioning plans for each scenario that will identify actions to be taken to avoid or mitigate long-term impacts related to water and wind erosion after decommissioning. Actions may include such measures as a decommissioning SWPPP, revegetation and restoration of disturbed areas, post-decommissioning maintenance, collection and disposal of project materials and chemicals, and access restrictions	Submit a decommissioning plans to the CPM for review ***and to BLM's Authorized Officer for review and approval*** . Amend these documents as necessary, with approval from the CPM, should the decommissioning scenario change in the future.	At least 30 days prior to site mobilization or alternate date agreed to with BLM	Complete	AECOM	Owner	6/1/10		10/04/10 CEC 2010-060 BLM 2010-060	Approved by CEC on 1/21/11
					S&W-16	PC	To further assess the impacts from Project pumping, the project owner shall estimate the increase in discharge from surface water to groundwater that affects recharge from the Palo Verde Valley Groundwater Basin (USGS) to the Palo Verde Mesa Groundwater Basin (USGS). This estimate may be used for determining the appropriate offset volume in accordance with SOIL&WATER-2. The Project owner shall do the specific tasks set forth Items 1-3 in the condition to provide an estimate for review and approval to the CPM.	Submit to the CPM for their review and approval a report detailing the results of the modeling effort. The report shall include the estimated amount of subsurface water flowing from the surface water due to project pumping. This estimate shall be used for determining the appropriate volume of water for mitigation in accordance with SOIL&WATER-2.	Within 30 days following certification of the proposed Project	Complete	AECOM	Owner	#VALUE!	#VALUE!	10/15/2010 2010-092 12/22/10 2010-166 Info resubmitted on 1/19/11 2011-171	Approved by CEC on 2/8/11
					TRANS-01	PC	Develop and implement a parking and staging plan for all phases of project construction to ensure that all project related parking occurs on-site or in designated off-site parking areas.	Submit the plan to the **County of Riverside, City of Blythe**, and **BLM Operations Manager** for review and comment, and to the CPM for review and approval. The requirements outlined in this Condition of Certification shall be coordinated with requirements outlined in TRANS-3.	At least 60 days prior to site mobilization	Complete	EPC	Owner	First draft submitted on 6/11/10	8/26/10	9/3/2010 2010-008 to County, City and BLM and 9/3/2010 2010-009 to CPM	CEC Approved on 10-7-10
					TRANS-02a	PC	Prepare and implement a Traffic Control Plan (TCP) for the Blythe Solar Power Project construction and operation traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules, and designated workforce and delivery routes. The TCP should address the requirements in the condition. Consult with the County of Riverside and the Caltrans District 8 office in the preparation and implementation of the TCP.	Submit in sufficient time for review and comment the proposed TCP to **Riverside County** and **Caltrans District 8**, as well as to the **CPM** for review and approval. Provide the CPM with a copy of the transmittal letter to the **County of Riverside** and the **Caltrans District 8 office** requesting review and comment.	At least 60 calendar days prior to the start of construction	Complete	EPC	Owner			9/3/2010 2010-010 to County, City and BLM and 9/3/2010 2010-011 to CPM	APPROVED BY CEC 10/25/10
					TRANS-02b	PC	Provide to the CPM a copy of any written comments from the County of Riverside and the Caltrans District 8 office as well as any changes to the traffic control plan.	Provide copies of any comment letters received from either the **County of Riverside** and the **Caltrans District 8 office**, along with any changes to the proposed traffic control plan to the CPM for review and approval.	At least 30 calendar days prior to the start of construction	Complete	Owner	EPC			sent County's comments along with 2010-117	APPROVED BY CEC ON 10/25/10
S	X	X	X		TRANS-03a	CONS	Comply with limitations imposed by Caltrans District 8 office and other relevant jurisdictions including County of Riverside and City of Blythe on vehicle sizes and weights. Obtain necessary transportation permits from Caltrans for use of roadways.	Provide copies of permits obtained from either the **County of Riverside** and **Caltrans District 8 Office** to the CPM	At least 30 calendar days prior to the start of construction	Complete	EPC	Owner			10/01/10 2010-051	APPROVED BY CEC ON 10/13/10 for Phase 1a
					TRANS-05a	PC	Restore all public roads, easements, and rights-of-way that have been damaged due to project-related construction activities to original or near-original condition in a timely manner, as directed by the CPM. Repairs and restoration of access roads may be required at any time during the construction phase of the project to assure safe ingress and egress.	Photograph or videotape all affected public roads, easements, and right-of-way segments and/or intersections and provide the **CPM,** the **affected local jurisdictions** and **Caltrans** (if applicable) with a copy of these images. The project owner shall rebuild, repair and maintain all public roads, easements, rights-of way in a usable condition throughout the construction phase of the project	At least 30 days prior to the start of site mobilization	Complete	EPC	Owner			9/27/2010 2010-039	APPROVED BY CEC 10/13/10
					TRANS-05b	PC	Consult with the County of Riverside and Caltrans District 8 and notify them of the proposed schedule for project construction. The purpose of this notification is to request that the County of Riverside and Caltrans consider postponement of public right-of-way repair or improvement activities in areas affected by project construction until construction is completed and to coordinate with the project owner regarding any concurrent construction-related activities that are planned or in progress and cannot be postponed.	Meet with Riverside County and Caltrans to request that the County of Riverside and Caltrans consider post-ponement of public right-of-way repair or improvement activities in areas affected by project construction until construction is completed and to coordinate with the project owner regarding any concurrent construction-related activities that are planned or in progress and cannot be postponed.	Prior to the start of site mobilization	Complete	EPC	Owner			9/27/2010 2010-039	APPROVED BY CEC 10/13/10
					VIS-03a	PC	To the extent feasible, consistent with safety and security considerations, design and install all permanent exterior lighting and all temporary construction lighting such that a) lamps and reflectors are not visible from beyond the project site, including any off-site security buffer areas; b) lighting does not cause excessive reflected glare; c) direct lighting does not illuminate the nighttime sky, except for required FAA aircraft safety lighting (which should be an on-demand, audio-visual warning system that is triggered by radar technology); d) illumination of the project and its immediate vicinity is minimized, and e) the plan complies with local policies and ordinances. The lighting mitigation plan must include items A-F set forth in the condition.	Contact the CPM to discuss the documentation required in the lighting mitigation plan. If the CPM determine that the plan requires revision, provide to the CPM a revised plan for review and approval.	At least 90 days prior to ordering any permanent exterior lighting **or** temporary construction lighting	Complete	EPC	Owner	7/1/10			

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					VIS-04a	PC	To the extent possible, use proper design fundamentals to reduce the visual contrast to the characteristic landscape. These include proper siting and location; reduction of visibility; repetition of form, line, color (see VIS-1) and texture of the landscape; and reduction of unnecessary disturbance. Design strategies to address these fundamentals will be based on factors described in the condition.	Contact the CPM to review the incorporation of the above factors into the final facility and site design plans. If the CPM determine that the site and facility plans require revision, the project owner shall provide to the CPM a revised plan for review and approval by the CPM.	At least 90 days prior to final site and facility design	Complete	EPC	AECOM			09/15/2010 2010-020	Approved by the CEC on 9/30/10
					WASTE-01a	PC	Prepare a UXO Identification, Training and Reporting Plan to properly train all site workers in the recognition, avoidance and reporting of military waste debris and ordnance. The plan shall contain, at a minimum, the following items: 1) a description of the training program outline and materials, and the qualifications of the trainers; 2) identification of available trained experts that will respond to notification of discovery of any ordnance (unexploded or not); and 3) a work plan to recover and remove discovered ordnance, and complete additional field screening.	Submit the plan to the CPM for review and approval prior to the start of construction.	No less than 30 days prior to the initiation of construction activities at the site	Complete	AECOM	Owner			10/15/10 2010-078	APPROVED BY THE CEC 10/19/10
					WASTE-01b	CONS	The UXO work plan will possibly include geophysical surveys to investigate adjacent areas for surface, near surface or buried ordnance in all proposed land disturbance areas.	Submit the results of the geophysical surveys to the CPM for review and approval.	Within 30 days after completing the survey	Complete	AECOM	Owner			12/13/2010 2010-158	Approved by the CEC on 1/7/11
					WASTE-02	PC	Provide the résumé of an experienced and qualified Professional Engineer or Professional Geologist which shows experience in remedial investigation and feasibility studies. This Professional Engineer or Professional Geologist shall be available during site characterization (if needed), excavation, grading, and demolition activities. The Professional Engineer or Professional Geologist shall be given authority by the project Owner to oversee any earth-moving activities that have the potential to disturb contaminated soil and impact public health, safety, and the environment.	Submit resume to CPM for review and approval.	At least 30 days prior to the start of site mobilization	Complete	EPC	Owner			10/14/10 2010-085	APPROVED BY THE CEC 10/19/10
					WASTE-04	PC	Prepare a Construction Waste Management Plan for all wastes generated during construction of the facility. The plan shall contain at a minimum a description of all construction waste streams, including projections of frequency, amounts generated and hazard classifications; a survey of structures to be demolished that identifies the types of waste to be managed; and management methods to be used for each waste stream, including temporary on-site storage, house-keeping and best management practices to be employed, treatment methods, and companies providing treatment services, waste testing methods to assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/reduction plans.	Submit the plan to the CPM for approval.	No less than 30 days prior to initiation of construction activities at the site	Complete	EPC	Owner			resubmitted 10/08/10 2010-071 1st submittal 9/14/2010 2010-017	APPROVED BY CEC on 10/13/10
					WASTE-05a	PC	Obtain a hazardous waste generator identification number from the United States Environmental Protection Agency (USEPA) prior to generating any hazardous waste during project construction and operations. Keep a copy of the identification number on file at the project site and provide documentation of the hazardous waste generation and notification and receipt of the number to the CPM and AO in the next scheduled MCR after receipt of the number.	Submittal of the notification and issued number documentation to the CPM is only needed once unless there is a change in Ownership, operation, waste generation, or waste characteristics that requires a new notification to USEPA. Documentation of any new or revised hazardous waste generation notifications or changes in identification number shall be provided to the CPM in the next scheduled MCR.	Prior to generating any haz waste	Complete	EPC	Owner			10/15/10 2010-100	APPROVED BY THE CEC 10/19/10
					WASTE-05b	PC	Obtain a hazardous waste generator identification number from the United States Environmental Protection Agency (USEPA) prior to generating any hazardous waste during project construction and operations. Keep a copy of the identification number on file at the project site and provide documentation of the hazardous waste generation and notification and receipt of the number to the CPM and AO in the next scheduled MCR after receipt of the number.	Owner must obtain USEPA id number for use if Haz waste is found (not generated)	Prior to generating any haz waste	Complete	Owner	EPC			9/27/10	Approved by CEC on 9/30/10
					WORKER SAFETY-01a	PC	Submit a copy of the Project Construction Safety and Health Program containing the following construction plans: PPE Program, Exposure Monitoring, IIPP,EAP, FPP, and Heat Stress Protection Plan.	Submit all plans to the CEC CPM for review and approval.	At least 30 calendar days prior to the start of construction	Complete	EPC	Owner			re-submitted 10/08/10 2010-068 1st submit 9/28/2010 2010-044	CEC Approved 10-11-10
					WORKER SAFETY-01b(1)	PC	Send the Construction Emergency Plan and FPP to the Riverside County Fire Department for review and comment prior to submittal to the CPM for approval.	Submit the Construction Emergency Action Plan and FPP to Riverside County Fire Department	At least 60 days prior to the start of construction	Complete	EPC	Owner			9/8/10 2010-014 to RCFD	Sent to RCFD 9/8/10
					WORKER SAFETY-01b(2)	PC	Send the Construction Emergency Plan and FPP (with Riverside County Fire Dept. Comments) to the CPM.	Provide a copy of a letter to the CPM from the Riverside County Fire Department stating the fire department's comments on the Construction Fire Prevention Plan and Emergency Action Plan. (Include with package submitted under WS-01a to CEC)	At least 60 days prior to the start of construction	Complete	Owner	EPC				Sent to CEC with Submittal on 9/28/10 2010-044
					WORKER SAFETY-03a	PC	Provide a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to the construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. The CSS shall perform the specific duties listed in the condition.	Submit to CPM the name and contact info for the construction safety supervisor. The contact information of any replacement CSS shall be submitted to the CPM within one business day.	At least 60 days prior to site mobilization	Complete	EPC	Owner			8/17/2010 2010-002	Approved by CEC on 9/20/10
					WORKER SAFETY-04a(1)	PC	Make payments to the Chief Building Official (CBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project Owner and the CBO. Those services shall be in addition to other work performed by the CBO.	Provide proof of agreement to fund the safety monitor services to the CPM for review and approval.	At least 60 days prior to the start of construction	Complete	Owner				10/13/10 2010-081	Sent letter explaining final contract will address WS-04 APPROVED BY THE CEC ON 10/18/10

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					WORKER SAFETY-05a	CONS	Ensure that a portable automatic external defibrillator (AED) is located on site during construction and operations and shall implement a program to ensure that workers are properly trained in its use and that the equipment is properly maintained and functioning at all times. During construction and commissioning, the following persons shall be trained in its use and shall be on site whenever the workers that they supervise are on site: the Construction Project Manager or delegate, the Construction Safety Supervisor or delegate, and all shift foremen	Submit to the CPM proof that a portable automatic external defibrillator (AED) exists on site and a copy of the training and maintenance program for review and approval.	At least 60 days prior to site mobilization	Complete	EPC	Owner	9/1/2010 2010-006 11/30/10 2010-150	Pending CEC Approval	9/1/2010 2010-006 11/30/10 2010-150	Approved by CEC on 12/10/10
1					WORKER SAFETY-06	CONS	Identify and provide a second access gate for emergency personnel to enter the site. This secondary access gate shall be at least one-quarter mile from the main gate. Provide a second access road that comes to the site. This road shall be at a minimum an all-weather gravel road and at least 20 feet wide. Maintain the main access road and the second road and provide a plan for implementation. Plans for the secondary access gate, the method of gate operation, gravel road, and road maintenance shall be submitted to the **Riverside County Fire Department** for review and comment and to the **CPM** for review and approval.	Submit the final plans plus the road maintenance plan to the CPM, including a letter containing comments form the Riverside County Fire Department or a statement that no comments were received.	At least 30 days prior to the start of site mobilization	Complete	EPC	Owner	10/22/2010 2010-118 to CEC and 2010-119 to RCFD	Pending CEC Approval	10/22/2010 2010-118 to CEC and 2010-119 to RCFD	APPROVED BY CEC ON 2/22/11
					WORKER SAFETY-07a	PC	The project Owner shall either (1) reach an agreement, either individually or in conjunction with a power generation industry association or group that negotiates on behalf of its members, with the Riverside County Fire Department regarding funding of its project-related share of capital costs to build and operate fire protection/response infrastructure and provide appropriate equipment as mitigation of project-related impacts on fire protection services within the jurisdiction, or, (2) shall fund its share of the capital costs in the amount of $850,000 and provide an annual payment of $375,000 to the RCFD for the support of new fire department staff and operations and maintenance commencing with the start of construction and continuing annually thereafter on the anniversary until the final date of power plant decommissioning.	Provide to the CPM (1) a copy of the individual agreement with the RCFD or, if the Owner joins a power generation industry association, a copy of the bylaws and group's agreement/contract with the RCFD; or (2) documentation in a letter of credit int the amount of $850,000 has been paid to the RCFD, documentation that the first annual payment of $375,000 has been made, and shall also provide evidence in each January MCR during construction and the Annual Compliance Report during operation that subsequent annual payments have been made.	At least 30 days prior to site mobilization	Complete	Owner			10/15/10 2010-087	Approved by CEC on 10/29/10
					WORKER SAFETY-08	PC	Develop and implement an enhanced Dust Control Plan that includes the requirements described in AQ-SC3 and additionally requires: i. Site worker use of dust masks (NIOSH N-95 or better) whenever visible dust is present; ii. Implementation of methods equivalent to Rule 402 of the Kern County Air Pollution Control District (as amended Nov. 3, 2004); and iii. Implementation of enhanced dust control methods (increased frequency of watering, use of dust suppression chemicals, etc. consistent with AQSC4) immediately whenever visible dust comes from or onto the site persists in the breathing zone of the workers or when PM10 measurements obtained when implementing ii (above) indicate an increase in PM10 concentrations due to Project activities of exceed 50 µg/m or more.	Provide the enhanced Dust control Plan to the CPM for review and approval.	At least 60 days prior to site mobilization	Complete	EPC	AECOM			9/14/2010 2010-018	Approved by CEC on 9/20/10
					BIO-19c	CONS	SPECIAL STATUS PLANTS: Designate spoil areas; equipment, vehicle, and materials storage areas; parking; equipment and vehicle maintenance areas, and; wash areas at least 100 feet from any preserved occurrence or washes upstream of an occurrence. Prior to the start of any ground- or vegetation-disturbing activities, the Designated Botanist shall establish ESAs to protect avoided spring-blooming special-status plants that occur outside of the Project Disturbance Areas and within 100 feet of Project Disturbance Areas.	DB shall establish ESA's	First day of ground disturbance for Phase 1B	First day of ground disturbance for Phase 1B	AECOM	EPC to install buffer fencing around botany ESAs and do repairs as identified by AECOM inside boundary; EPC possibly on buffer fencing outside disturbance	8/3/10	9/2/10		
2					S&W-18b	OPS	The project owner shall designate a California Certified Water Treatment Plant Operator as well as the technical, managerial and financial requirements as prescribed by State law.	The project owner shall supply updates on an annual basis of monitoring requirements, any required submittals equivalent to the County of Riverside requirements including annual renewal requirements.	Annually	Include in ACR	EPC					
					Blythe Settlement Agreement	CONS	CONSERVATION ENHANCEMENTS: Payment of the first half of the conservation enhancement deposit is due upon Financial Close for Units 1 and 2.	Deposit the funds upon financial close of Units 1 and 2.	6/15/2011	N/A	Owner					
					Blythe Settlement Agreement	CONS	PLAN OF DEVELOPMENT: The conditions set forth in the BSA will be incorporated into a revised POD.	Submit the revised POD to BLM for inclusion in its ROD.	Checking with Elizabeth	N/A	Owner					
					AQ-45	OPS	Each emergency IC engine unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition engines (Title 17 CCR 93115). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.	No verification necessary.	None	None	Owner	Plant Operator	None	None		
					AQ-53	OPS	The Emergency IC engine units are subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.	No verification necessary.	None	None	Owner	Plant Operator	None	None		
					COM-02	CONS	Maintain project files on-site or at an alternative site approved by the CPM for the life of the project, unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, documents submitted as verification for conditions, and other project-related documents.	CEC staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition.	Ongoing	Ongoing	Owner		Ongoing	Ongoing		

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DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
	O	O	O	O	AQ-SC03	CONS	Construction Fugitive Dust Control: The AQCMM shall submit documentation in each MCR that demonstrates compliance with the AQCMP mitigation measures for the purposes of minimizing fugitive dust emission creation from construction activities and preventing all fugitive dust plumes that would not comply with the performance standards identified in AQ-SC4 from leaving the project site. Fugitive dust mitigation measures shall be included in the AQCMP required by AQ-SC2, and any deviation from the AQCMP mitigation measures shall require prior CPM notification and approval.	The AQCMM shall provide the CPM a Monthly Compliance Report to include: A. A summary of all actions taken to maintain compliance with this condition; B. Copies of any complaints filed with the District in relation to project construction. C. Any other documentation deemed necessary by the CPM or AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR	Ongoing during construction	EPC	Owner				
	O	O	O	O	AQ-SC04	CONS	Dust Plume Response Requirement: The AQCMM or an AQCMM Delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported (A) off the project site and within 400 feet upwind of any regularly occupied structures not owned by the project owner or (B) 200 feet beyond the centerline of the construction of linear facilities indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMP shall include a section detailing how the additional mitigation measures will be accomplished within the time limits specified. The AQCMM or Delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes are observed. The AQCMM shall implement Steps 1-3 in the Condition in the event such visible dust plumes are observed.	The AQCMM shall provide the CPM a Monthly Compliance Report to include: A. A summary of all actions taken to maintain compliance with this condition; B. Copies of any complaints filed with the District in relation to project construction. C. Any other documentation deemed necessary by the CPM or AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR	Ongoing during construction	EPC	Owner				
	O	O	O	O	AQ-SC05	CONS	Diesel-Fueled Engine Control: The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the AQCMP mitigation measures for purposes of controlling diesel construction-related emissions, including specific info related to items a-f in the condition and shall be included in the Air Quality Construction Mitigation Plan (AQCMP) required by AQ-SC2. Any deviation from the AQCMP mitigation measures shall require prior and CPM notification and approval.	The AQCMM shall provide the CPM a Monthly Compliance Report to demonstrate control of diesel construction related emissions: A. A summary of all actions taken to control diesel construction related emissions; B. A list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that equipment has been properly maintained; and C. Any other documentation deemed necessary by the CPM or AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR	Ongoing during construction	Owner	EPC				
	O	O	O	O	BIO-02a	CONS	DESIGNATED BIOLOGIST DUTIES: Ensure that the DB performs the specific duties set forth in the condition (see items 1-10) during any site mobilization activities, construction related ground disturbance, grading, boring or trenching activities. The DB may be assisted by the approved BM's but remains the contact for the project owner and the CPM.	DB shall provide copies of all written reports and summaries that document biological resources compliance activities in the MCRs submitted to the CPM.	Include in MCR	Ongoing during construction	AECOM	Owner				
	O	O	O	O	BIO-04a	CONS	BIOLOGICAL MONITOR DUTIES: The BMs shall assist the DB in conducting surveys and in monitoring of site mobilization activities, construction-related ground disturbance, grading, boring or trenching. The DB shall remain the contact for the Project owner and CPM.	The DB shall submit in the MCR to the CPM and copies of all written reports and summaries that document biological resources compliance activities, including those conducted by BMs. If actions may affect biological resources during operation a BM, under the supervision of the DB, shall be available for monitoring and reporting.	Include in MCR	Ongoing during construction	AECOM	Owner				
	O	O	O	O	BIO-06c	CONS	Provide the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	Include the information in the MCR. Training acknowledgement forms signed during construction shall be kept on file for at least 6 months after the start of commercial operation.	Include in MCR	Ongoing during construction	AECOM	Owner				
	O	O	O	O	BIO-07d	CONS	Implementation of the BRMIMP measures shall be reported in the MCR.	Include the required information in the MCR.	Include in MCR	Ongoing during construction	AECOM	Owner				
	O	O	O	O	BIO-08a(1)	CONS	IMPACT AVOIDANCE & MINIMIZATION MEASURES: Undertake the following mitigation measures (see Items 1-17 of the condition) to manage the Project site and related facilities in a manner to avoid or minimize impacts to biological resources: 1. Limit Disturbance Areas; 2) Minimize Road Impacts; 3) Minimize Traffic Impacts; 4) Monitor During Construction; 5) Minimize Impacts of T-Line/Pipeline Alignments, Roads, Staging Areas; 6) Avoid Use of Toxic Substances; 7) Minimize Lighting Impacts; 8) Minimize Noise Impacts; 9) Avoid Vehicle Impacts to Desert Tortoise; 10) Avoid Wildlife Pitfalls; 11) Minimize Standing Water; 12) Disposeof Road-killed Animals; 13) Minimize Spills of HazMat; 14) Worker Guidelines; 15) Implement Erosion Control Measures; 16) Monitor Ground Disturbing Activities Prior to Pre-Construction Site Mobilization; and 17) Revegetation of Temporarily Disturbed Areas. **[SEE FINAL DECISION FOR MODIFIED LANGUAGE RELATED TO #9, 10, 12]**	Implementation of the mitigation measures shall be reported in the MCR by the DB. **CLARIFICATION PROVIDED BY USFWS IN BIOLOGICAL OPINION, PAGE 9:** These measures will also be implemented during all ground-disturbing construction and O&M activities.	Include in MCR	Ongoing during construction	AECOM	EPC will not conduct noise measurements but will assist with clearing area and installing fence				BO was amended on 3/28/11 to adjust take limits to 1 DT per year during construction and 1 DT per year during O&M
	AR	AR	AR	AR	BIO-09a	CONS	DT CLEARANCE SURVEYS AND FENCING: Undertake appropriate measures to manage the Project site and related facilities in a manner to avoid or minimize impacts to desert tortoise. Methods for clearance surveys, fence specification and installation, tortoise handling, artificial burrow construction, egg handling and other procedures shall be consistent with those described in the USFWS' Desert Tortoise Field Manual (USFWS 2009) or more current guidance provided by CDFG and USFWS. Measures 1-4 (Exclusion Fencing Installation, Clearance Surveys, Monitoring, and Reporting) need to be implemented. **[CAUTION: READER SHOULD REFER DIRECTLY TO CEC FINAL DECISION FOR DETAILS OF ALL REQUIREMENTS RELATED TO DT CLEARANCE SURVEYS AND FENCING. THEY ARE TOO NUMEROUS AND DETAILED TO PROVIDE ANYTHING OTHER THAN A SUMMARY HERE IN THIS MATRIX.]**	All mitigation measures and their implementation methods shall be included in the BRMIMP and implemented. Implementation of the measures shall be reported in the MCR by the DB. **CLARIFICATION PROVIDED BY USFWS IN BIOLOGICAL OPINION, PAGE 9:** These procedures for conducting tortoise clearance surveys, handling and moving tortoises out of the disturbance area, and ensuring tortoises do not re-enter the disturbance area will also be implemented during ground-disturbing O&M activities along the access road/utility corridor, gen-tie transmission line ROW, and rerouted drainage channels outside of the plant site, and along the outer side of the perimeter security fence.	Include in MCR	Ongoing during construction	AECOM	EPC will procure and install exclusion fencing and repair areas as identified by AECOM. AECOM to provide EPC with fencing spec and give guidance so EPC has a baseline.				CEC APPROVED FENCING DT FENCING DETAILS ON 03/03/11

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	AR	AR	AR	AR	BIO-11a(5)	CONS	Conduct compliance inspections at a minimum of once per month after clearing, grubbing, and grading are completed and submit a monthly compliance report to the **BLM, CPM, USFWS** and **CDFG** during construction.	The DB shall perform this activity.	Include in MCR	Ongoing during construction	AECOM	Owner				
	X	X	X	X	BIO-16a	CONS	PRE-CONSTRUCTION NEST SURVEYS: Conduct if construction activities would occur from February 1 through July 31. The DB or Biological Monitor conducting the surveys shall be experienced bird surveyors familiar with standard nest-locating techniques such as those described in Martin and Guepel (1993). The goal of the nesting surveys shall be to identify the general location of the nest sites, sufficient to establish a protective buffer zone around the potential nest site, and need not include identification of the precise nest locations. Surveyors performing nest surveys shall not concurrently be conducting desert tortoise surveys. Surveys shall cover all potential nesting habitat areas that could be disturbed by each phase of construction, as described in BIO-28 (Phasing). Surveys shall also include areas within 500 feet of the boundaries of the active construction areas (including linear facilities). Surveys shall be conducted as described in the condition.	Provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor (s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no-disturbance buffer zone around the nest(s) that would be avoided during project construction. Include the survey information in the requested report. **[NOTE FROM CEC ON 3/2/11: INCLUDE IN MCR A DESCRIPTION OF HOW WOK PROGRESSED AND ADD A MAP OF SURVEYED AREAS AND DATA AS WELL.]**	At least 10 days prior to start of any Project-related ground disturbance activities	Ongoing during construction	AECOM	Possibly EPC (will ask Kiewit if they are interested in provided assistance outside project fence/ boundary			10/15/10 2010-095 02/16/11 2011-179 03/30/11 2011-187	Approved by the CEC on 11/03/10 2011-179 approved on 03/02/11 2011-187 Pending CEC Approval
	O	O	O	O	BIO-18j	CONS	BURROWING OWL MONTHLY REPORTING: Owner shall report monthly to BLM, the CPM, CDFG and USFWS for the duration of construction on the implementation of burrowing owl avoidance and minimization measures.	Provide documentation to **BLM, CPM, CDFG, USFWS**	Include in MCR	Ongoing during construction	AECOM	Owner and AECOM on creation of artificial burrows				
			X	X	BIO-19s	CONS	SPECIAL STATUS PLANTS: Implementation of the special-status plant impact avoidance and minimization measures shall be reported in the Monthly Compliance Reports prepared by the Designated Botanist.	Submit the required reports to the CPM as part of the MCR.	Include in MCR	Ongoing during construction	AECOM	Owner				
			X		BIO-22b	CONS	STATE WATERS MITIGATION: Provide a discussion of work in waters of the state during the construction of the Project.	Submit the required documentation as part of the MCR.	Include in MCR	Ongoing during construction	AECOM					
					COM-05a	CONS	Submit a construction matrix that provides the current status of all conditions in a spreadsheet format. (Refer to condition for required content.)	Submit a compliance matrix with each MCR.	Include in MCR	Ongoing during construction	Owner					
					COM-06	CONS	Monthly Compliance Report + key events list. (Refer to condition for list.)	Submit to CPM on a monthly basis.	Include in MCR	Ongoing during construction	Owner	Both KPC and AECOM				
	X	X	X	X	CUL-04d	CONS	Project construction manager shall provide to the CRS and CPM a schedule of project activities for the following week, including the identification of area(s) where ground disturbance will occur during that week.	Provide the weekly schedule to the CRS and CPM by letter, e-mail, or fax.	Weekly, during ground disturbance	Ongoing during construction	EPC	Owner	Ongoing during construction	Ongoing during construction		Ongoing; copies included as part of MCR
	O	O	O	O	CUL-15c	CONS	Provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgement forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	Include within MCR.	Include in MCR	Ongoing during construction	Owner					
	O	O	O	O	CUL-16a	CONS	Full-time archaeological monitoring shall be conducted for the condition, including earth-removing activities as specified in the areas recommended by the geoarchaeological study to the depth recommended; for the trenches for underground communication lines and the natural gas pipeline; for the holes for the transmission line support structures in the parts of sites CA-Riv-2846 and CA-Riv-3419 that the project will grade away, in the area inside project boundaries within 1,000 feet of the margins of archaeological sites CA-Riv-2846 and CA-Riv-3419 and within 300 feet of all known and discovered examples of thermal cobble features; and for the jack-and-bore tunneling for underground conductor or cable lines or pipelines, that they monitor the excavation of the jack-and-bore entry and exit pits and examine, log, and screen auger backdirt samples, as detailed in the CRMMP, for as long as the activities are ongoing. Where excavation equipment is actively removing dirt and hauling the excavated material farther than fifty feet from the location of active excavation, full-time archaeological monitoring shall require at least two monitors per excavation area. In this circumstance, one	On forms provided by the CPM, CRMs shall keep a daily log of any monitoring and other cultural resources activities and any instances of noncompliance with the Conditions and/or applicable LORS. Copies of the daily monitoring logs shall be provided by the CRS to the CPM, if requested by the CPM.	Daily, during construction in the specified areas	Ongoing during construction	AECOM	Owner				
	O	O	O	O	CUL-16b	CONS	From the daily logs, the CRS shall compile a monthly monitoring summary report to be included in the MCR. If there are no monitoring activities, the summary report shall specify why monitoring has been suspended.	Include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS and shall attach any new DPR 523A forms completed for finds treated prescriptively, as specified in the CRMMP.	Include in MCR	Ongoing during construction	AECOM	Owner				
	O	O	O	O	CUL-16d	CONS	Ensure that the CRS, alternate CRS, or CRMs, to prevent construction impacts to undiscovered resources and to ensure that known resources are not impacted in an unanticipated manner, monitor full time all ground disturbance.	CRS shall provide a statement that no cultural resources over 50 years of age were discovered to the CPM as an e-mail or in some other form of communication acceptable to the CPM.	Daily, as long as no cultural resources are found	Ongoing during construction	AECOM	Owner				
	AR	AR	AR	AR	CUL-16j	CONS	When the issue is resolved, the CRS shall write a report describing the issue, the resolution of the issue, and the effectiveness of the resolution measures.	This report shall be provided in the next MCR for the review of the CPM.	Include in MCR	Ongoing during construction	AECOM	Owner				
					GEN-03	CONS	Make payments to the CBO for design review, plan check and construction inspections based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2007 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	Send copy of CBO's receipt of payment to CPM in next MCR indicating applicable fees have been paid.	Include in MCR	Ongoing during construction	Owner					
					GEN-06b	CONS	Submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next MCR.	Include the required documentation as part of the MCR.	Include in MCR	Ongoing during construction	EPC	Owner				
					GEN-07	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next MCR. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Include in MCR	Ongoing during construction	EPC	Owner				
					MECH-01b	CONS	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	Provide the required written documentation to the CPM.	Include in MCR	Ongoing during construction	EPC	Owner				

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					MECH-01c	CONS	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction.	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Include in MCR	Ongoing during construction	EPC	Owner				
					PAL-04c	CONS	Provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or other approved format) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	Include the information in the MCR	Include in MCR	Ongoing during construction	AECOM	Owner				
					PAL-05a	CONS	Ensure that the PRS and PRM(s) monitor consistent with the PRMMP all construction-related grading, excavation, trenching, and auguring in areas where potentially fossil-bearing materials have been identified, both at the site and along the linear facilities. Ensure that the PRS and PRM(s) have the authority to halt or redirect construction if paleontologic resources are encountered. Ensure that there is no interference with monitoring activities unless directed by the PRS. Monitoring activities shall be conducted as set forth in Items 1-4 of the condition.	Paleo monitors shall provide monthly summaries that address the information requirements specified in the condition for inclusion in MCR.	Include in MCR	Ongoing during construction	AECOM	Owner				
					PAL-06a	CONS	Ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontologic resource materials encountered and collected during project construction.	Maintain in his/her compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. Maintain these files for a period of three years after project completion and approval of the CPM-approved paleontologic resource report (see Condition of Certification PAL-7).	Include in MCR	Ongoing during construction	AECOM	Owner				
					S&W-01b	CONS	Provide a narrative on the effectiveness of the DESCP measures and the results of monitoring and maintenance activities.	Submit the required documentation as part of the MCR.	Include in MCR	Ongoing during construction	EPC	Owner				
1					STRUC-01a	CONS	Prior to the start of any increment of construction of any major structure or component listed in Facility Design Table 1 of condition of certification GEN- 2, submit to the CBO for design review and approval the proposed lateral force procedures for project structures and the applicable designs, plans and drawings for project structures. Proposed lateral force procedures, designs, plans and drawings shall be those for the items listed in the condition 1-3.	Submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	At least 60 days prior to start of any increment of construction of any structure or component listed in Facility Design Table 2 of GEN-2	Ongoing during construction	EPC	Owner	#VALUE!	#VALUE!		
					STRUC-01b	CONS	Submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Submit required info to the CPM.	Include in MCR	Ongoing during construction	EPC	Owner				
					STRUC-02	CONS	Submit to the CBO the required number of sets of the documents related to work that has undergone CBO design review and approval related to concrete cylinder strength test reports, concrete pour sign-off sheets, bolt torque and field weld inspection reports, and other reports covering structural activities requiring special inspections in accordance with CBC 2007.	If discrepancies are found, within 5 days the Project Owner shall prepare and submit an NCR to the CBO with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section. Within 5 days of resolution, the Project Owner shall submit a copy of the correction action to the CBO and CPM. The CBO's approval or disapproval shall be submitted to the CPM within 15 days.	Include in MCR	Ongoing during construction	EPC	Owner	As required	As required		
					STRUC-03	CONS	Submit to the CBO design changes to the final plans required by the 2007 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	Notify the CBO of the intended filing of design changes and submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM, and notify the CPM in the MCR of the CBO's approval of the revised plans.	Include in MCR	Ongoing during construction	EPC	Owner				
					STRUC-04b	CONS	Send copies of the CBO approvals of plan checks to the CPM.	Submit a copy of the CBO's inspection approvals to the CPM in the MCR following completion of any inspection.	Include in MCR	Ongoing during construction	EPC	Owner				
					TRANS-03b	CONS	Provide copies of permits obtained from either the County of Riverside and the Caltrans District 8 office to the CPM.	Submit copies of permits received during the reporting period in the MCR. In addition, retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	Include in MCR	Ongoing during construction	EPC	Owner				
					TRANS-04	CONS	Comply with Caltrans and other relevant jurisdictions limitations for encroachment into public rights-of-way and obtain necessary encroachment permits from Caltrans and all relevant jurisdictions.	Submit copies of permits received during the reporting period. In addition, retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.	Include in MCR	Ongoing during construction	EPC	Owner				
					TRANS-06	CONS	Ensure that permits and/or licenses are secured from the California Highway Patrol and Caltrans for the transport of hazardous materials.	Include copies of all permits/licenses acquired by the project owner and/or subcontractors concerning the transport of hazardous substances in the MCRs.	Include in MCR	Ongoing during construction	EPC	Owner				
					TSE-01b	CONS	Additions and deletions shall be made in the Major Equipment List only with both CPM and CBO approval.	The project owner shall provide schedule updates in the MCR	Include in MCR	Ongoing during construction	Owner	T/L Sub				
					TSE-04b	CONS	Request that the CBO inspect the installation to ensure compliance with the requirements of the applicable LORS.	Include a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS and copy of transmittal letter in each MCR.	Include in MCR	Ongoing during construction	Owner	T/L Sub				
					TSE-04c	CONS	Include the following information in the MCR: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.	Submit required info as part of MCR	Include in MCR	Ongoing during construction	Owner	T/L Sub				
					WORKER SAFETY-03b	CONS	The CSS shall prepare and submit a monthly safety inspection that includes the info specified in the body of the condition.	Submit required info to the CPM.	Include in MCR	Ongoing during construction	EPC	Owner				
					WORKER SAFETY-04a(2)	CONS	Make payments to the Chief Building Official (CBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project Owner and the CBO. Those services shall be in addition to other work performed by the CBO.	Provide contract for the CPM for review and approval.	Include in MCR	Ongoing during construction	Owner		Ongoing during construction	Ongoing during construction		

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					WORKER SAFETY-04b	CONS	The Safety Monitor shall be selected by and report directly to the CBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification Worker Safety-3, implements all appropriate Cal/OSHA and CEC safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities	Include CBO Safety Monitor's monthly report as an exhibit in the MCR.	Include in MCR	Ongoing during construction	Owner					
	AR	AR	AR	AR	BLM ROD Section 1.4.1	CONS	When work areas outside those identified in the ROW are found to be needed (whether on federal or non-federal lands), additional inventory and evaluation will be performed if necessary to ensure the impact on biological, cultural, and other resources are avoided or minimized to the maximum extent practicable. Revised facility locations and survey results would be documented and forwarded to the BLM in the form of a Conformance Request. BLM consultations will be required as necessary prior to approval of the Conformance Request.		TBD	TBD	Owner	AECOM				
					Blythe Settlement Agreement	CONS	CONSERVATION ENHANCEMENTS: Payment of the second half of the $$$ is due prior to ground disturbance for Unit 3.	Deposit the funds prior to ground disturbance for Unit 3.	TBD	TBD	Owner					
1	X	X			CUL-13b	CONS	Ensure that the construction of the project's underground facilities that cross these old pipelines avoids impacting them.	Ensure that construction activities do not impact old underground pipelines referenced in condition.	During construction	TBD	AECOM	Kiewit to conduct ground-truthing of exact depth and condition	8/18/10	10/12/10		
					CUL-18c	POST CONS	Provide documentation confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies of project-related reports.	Provide required documentation.	Within 10 days after the CPM and the BLM Palm Springs Field Office archaeologist approve the CRR	TBD	AECOM	Owner	TBD	TBD		
					S&W-05p	OPS	d. The project owner shall notify any owners of the impacted wells following CPM approval of the compensation analysis for increased energy costs.	Send notification to the well owner.	Within one month of CPM approval of compensation analysis	TBD	Owner	Plant Operator	TBD	TBD		
2					S&W-05q	OPS	e. Pump lowering – In the event that groundwater is lowered as a result of Project pumping to an extent where pumps are exposed but well screens remain submerged the pumps shall be lowered to maintain production in the well.	The Project shall reimburse the impacted well owner for the costs associated with lowering pumping in proportion to the Project contribution to the impact.	TBD	TBD	Owner	Plant Operator	TBD	TBD		
2					S&W-05r	OPS	f. Deepening of wells – If the groundwater is lowered enough as a result of Project pumping that well screens and/or pump intakes are exposed, and pump lowering is not an option, such affected wells shall be deepened or new wells constructed.	The Project shall reimburse the impacted well owner for all costs associated with deepening existing wells or construction of a new well in proportion to the Project contribution to the impact.	TBD	TBD	Owner	Plant Operator	TBD	TBD		
					S&W-05s	OPS	4. After the first five-year operational and monitoring period the CPM shall evaluate the data and determine if the monitoring program for water level measurements should be revised or eliminated. Revision or elimination of any monitoring program elements shall be based on the statistically verifiable datasets and trend analysis. The determination of whether the monitoring program should be revised or eliminated shall be made by the CPM.	Submit the evaluation results to the CPM for review/approval by the CPM.	After first five-year operational and monitoring period	TBD	Owner	Plant Operator	TBD	TBD		
					S&W-05u	OPS	6. At the end of every subsequent five-year monitoring period, the collected data shall be evaluated by the CPM and they shall determine if the sampling frequency should be revised or eliminated.	Submit a 5-year monitoring report to the CPM that includes all monitoring data collected and a summary of the findings. The CPM will determine if the water level measurements and water quality sampling frequencies should be revised or eliminated.	After the first five year operational and monitoring period	TBD	Owner	Plant Operator	TBD	TBD		
					S&W-05v	OPS	7.During the life of the Project, the project owner shall provide to the CPM all monitoring reports, complaints, studies and other relevant data. The project owner shall submit to the CPM all calculations and assumptions made in development of report data and interpretations, calculations, and assumptions used in development of any reports.	Provide the required documentation to the CPM.	within10 days of being received by the Project owner	TBD	Owner	Plant Operator	TBD	TBD		
					S&W-06	OPS	Where it is determined that the project owner shall reimburse a private well owner for increased energy costs identified as a result of analysis performed in Condition of Certification SOIL&WATER-5, the project owner shall calculate the compensation owed to any owner of an impacted well as described in the Condition.	The project owner shall submit to the CPM for review and approval the documentation showing which well owners must be compensated for increased energy costs and that the proposed amount is sufficient compensation to comply with the provisions of this Condition.	No later than thirty (30) days after CPM approval of the well drawdown analysis	TBD	Owner	Plant Operator	TBD	TBD		
					WASTE-06	CONS	Upon notification of any impending waste management-related enforcement action by any local, state, or federal authority, notify the CPM of any such action taken or proposed against the project itself, or against any waste hauler or disposal facility or treatment operator with which the Owner contracts, and describe how the violation will be corrected.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project Owner of any changes that will be required in the manner in which project-related wastes are managed as a result of a finalized action against the project.	As required	Within 10 days of becoming aware of action	Owner	EPC	As required	As required		
					WASTE-03b	CONS	Depending on the nature and extent of contamination, the Professional Engineer or Professional Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If in the opinion of the Professional Engineer or Professional Geologist significant remediation may be required, the project Owner shall contact the CPM , and representatives of the DTSC or RWQCB for guidance and possible oversight	Notify the CPM within 24 hours of any orders issued to halt construction.	As required	Within 24 hours of any orders issued to halt construction	EPC	Owner	As required	As required		

ACR - Annual Compliance Report; BLM - Bureau of Land Management;
CEC - California Energy Commission; CPM - Compliance Project Manager; MCR - Monthly Compliance Report

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					WASTE-08b	CONS	Document all releases and spills of HTF as described in Condition of Certification WASTE-9 and report only those that are 42 gallons or more, the CERCLA reportable quantity, as required in the Soil & Water Resources section of this document. Cleanup and temporary staging of HTF contaminated soils shall be conducted in accordance with the approved Operation Waste Management Plan required in Condition of Certification of WASTE-8. The project Owner shall sample HTF-contaminated soil from CERCLA reportable incidents involving 42 gallons or more in accordance with Environmental Protection Agency's (USEPA) current version of "Test Methods for Evaluating Solid Waste" (SW-846). Samples shall be analyzed in accordance with USEPA Method 8015 or other method to be reviewed and approved by DTSC, the CPM.	Provide the results of the analyses and their assessment of whether the HTF-contaminated soil is considered hazardous to the CPM and DSTC for review and approval.	Within 28 days of an HTF spill of 42 gallons or more	Within 28 days of an HTF spill of 42 gallons or more	AECOM	Owner	As required	As required		
					WASTE-03a	CONS	If potentially contaminated soil is identified during site characterization, excavation, grading, or demolition at either the proposed site or linear facilities—as evidenced by discoloration, odor, detection by handheld instruments, or other signs—the Professional Engineer or Professional Geologist shall inspect the site; determine the need for sampling to confirm the nature and extent of contamination; and provide a written report to the project Owner, representatives of Department of Toxic Substances Control (DTSC) or Regional Water Quality Control Board (RWQCB), the Compliance Project Manager (CPM) stating the recommended course of action.	Submit any reports filed by the Professional Engineer or Professional Geologist to the CPM within 5 days of their receipt.	As required	Within 5 days of receipt of reports	EPC	Owner	As required	As required		
	X	X	X	X	BIO-12b	CONS	DT MITIGATION: The project owner shall deposit in NFWF's REAT Account a non-wasting capital long-term maintenance and management fee in the amount determined through the PAR or PAR-like analysis conducted for the compensation lands.	Deposit the funds required by Section 3e in the Condition and provide proof of the deposit to the CPM.	No fewer than 30 days after acquisition of the property		Owner	Wildlands				
	X	X	X	X	BIO-12c	CONS	DT MITIGATION: The project owner, the CPM and CDFG shall ensure that an agreement is in place with the long-term maintenance and management fee holder/manager.	The project owner, or an approved third party, shall provide the CPM, CDFG, BLM and USFWS with a management plan for the compensation lands, as determined by the date on the title. The CPM shall review and approve the management plan, in consultation with **CDFG, BLM and the USFWS**.	within180 days of the land or easement purchase		Owner	Wildlands				
1					S&W-03 Well #1 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #1 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #1 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #1 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #1 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #2 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC			9/3/2010 2010-013	Approved by the CEC on 10/01/2010
1					S&W-03 Well #2 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #2 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #2 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #2 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							

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1					S&W-03 Well #3 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #3 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #3 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #3 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #3 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #4 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #4 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #4 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #4 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #4 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #5 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #5 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #5 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #5 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #5 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							

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1					S&W-03 Well #6 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #6 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #6 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #6 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #6 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #7 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #7 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #7 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #7 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #7 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-1 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-1 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #MW-1 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-1 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-1 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							

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1					S&W-03 Well #MW-11 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-11 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-11 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-11 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-11 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #MW-12 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-12 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-12 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-12 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-12 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #MW-13 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-13 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-13 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-13 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-13 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
1					S&W-03 Well #MW-2 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-2 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #MW-2 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-2 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-2 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-3 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-3 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-3 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-3 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-3 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #MW-4 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-4 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-4 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-4 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-4 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
1					S&W-03 Well #MW-5 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-5 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-5 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-5 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-5 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-03 Well #MW-6 Step 1	CONS	Step 1: Prepare and submit a well construction packet and well permit fees to Riverside County.	Submit the well construction packet to the County, along with fees, for review and comment, with copies to the CPM.	No later than 60 days prior to the construction of the onsite groundwater production wells		AECOM	EPC				
1					S&W-03 Well #MW-6 Step 3	CONS	Step 3: Obtain CEC CPM approval of the well location and operation.	Receive the CEC's approval of the well location and operation.	within 10 days of receipt of the County's concurrence with the proposed well construction activities							
1					S&W-03 Well #MW-6 Step 4	CONS	Step 4: Ensure that the well driller's Well Completion Report is submitted to the DWR and obtain two copies for submittal to the CPM.	Obtain the well driller's Well Completion Report.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-6 Step 5	CONS	Step 5: Submit to the CPM two copies of the Well Completion Report along with the well drilling logs, water quality analyses, and any inspection reports.	Submit the required documentation to the CPM for review and approval.	No later than 60 days after installation of each well at the Project site							
1					S&W-03 Well #MW-6 Step 2	CONS	Step 2: Submit a copy of written concurrence received from the County of Riverside that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	Submit the required County documentation to the CPM for CEC approval.								
1					S&W-04 Well #3	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well #4	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well #5	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well #6	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well #7	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				

DOE	EW	1a	1b	2	Cond. #	Sort Code	Description of Project Owner's Responsibilities	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Lead Resp. Party	Support Entity	Internal Start Date	Date Due to SM Compliance	Date sent to CEC, CBO or agency	Status/Notes
1					S&W-04 Well MW-02	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-03	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-04	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-05	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-06	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-1	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-11	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-12	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
1					S&W-04 Well MW-13	CONS	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. Water quality used for project construction and operation will be reported in accordance with Condition of Certification SOIL&WATER-18 as applicable to ensure compliance with this condition	Submit to the CPM a photo of evidence that metering devices have been installed and are operational.	Immediately after installation		EPC	Owner				
					S&W-17	N/A	Condition deleted									

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

Monthly Compliance Report #6

Exhibit 5
Air Quality Construction Mitigation Documentation

AQCMM Monthly Summary for April 2011

Blythe Solar Power Project

Weather

Temperatures ranged from the 30 to 97 (degrees F) with partially cloudy skies. No rain events occurred during the current month.

Air Quality

Site work activities this month that had the potential to produce fugitive dust emissions included clearing and grubbing operations on the main plant road and the unit 1 solar field. To mitigate fugitive dust emissions, a water truck was 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.

Please note that the new 8M water truck is a Tier II piece of equipment. Kiewit contacted various equipment rental companies in search for a Tier III articulated 8,000 gal water truck and was unsuccessful, Kiewit as well does not own any such water truck. Kiewit contacted B&B Equipment Rental which only had Tier I Water Pulls which were not available and not articulated trucks. Kiewit also contacted Empire Cat which only had 621 water pulls and are not articulated. MR Tudor was the only company with an 8,000 gal articulated water truck with a Tier II engine. Thus, KPC did there due diligence in searching for an adequate water truck that would satisfy all requirements.

Also, this month KPC began the application of Soil Sement in the Unit #1 Solar Field as per AQ-SC3(b) with a BLM approved non-toxic soil stabilizer. KPC does not plan to enter the Unit #1 Solar Field anytime soon and instead of using water for dust control, and therefore decided to apply Soil Sement on the unpaved road.

Other Environmental

Installation of silt and tortoise fence continued during the month of April. The completed portion of the fence is being monitored on a weekly basis with the use of a tortoise fence and sediment control inspection checklist. All deficiencies found have been corrected, and the completed reports are attached.

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
WK9W33	Tier 2	8M Water Truck	Terex TA40 Water Truck	A8201196	Detroit Desiel Corp	3DDXL12.7VGD	0
TR4G59	Tier 3	Telehandler Forklift	GEHL D-1155	DL11255 LJ20745525	6068H	8JDXL06.8105	6068HL281

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

Monthly Compliance Report #6

Exhibit 6
Resource Specialists' Monthly Reports

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

Prepared for:

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

Prepared by:

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May 2011

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2 Species Observed During April Surveys and Monitoring
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5 Pre-Construction Survey Data Forms
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INTRODUCTION

On behalf of Palo Verde Solar I, LLC (PVSI), AECOM biologists are performing biological resource pre-construction surveys and construction monitoring 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. Surveys of these facility areas are being conducted in compliance with the following agency approvals and permits issued for the Project:

- California Energy Commission's (CEC's) Final Conditions of Certification (COCs) (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 pre-construction surveys, desert tortoise (DT) clearance surveys, and construction monitoring conducted in April 2011. The following biological surveys and monitoring took place in April 2011:

- Biological monitoring of Well Area (DT gate and fencing around cattle guards);
- Biological monitoring of tree removal activities in the Shared Facilities area including non-disturbance buffers around an active kit fox burrow and loggerhead shrike nest;
- Biological monitoring of DT exclusion fence installation around the Main Access Road and Phase 1a-Unit 1 area;
- Kit fox (KF), American badger (AB), western burrowing owl (WBO), and nesting bird pre-construction surveys for portions of the Main Access Road;
- Monitoring of non-disturbance buffer for a WBO burrow found 485 feet east of Phase 1a-Unit 1 boundary during February buffer surveys;
- Completion of focused KF, BO, and AB survey along north-central portion of Main Access Road;
- Initiation of DT clearance within the fenced portion of Unit 1;
- Weekly reconnaissance for ravens, focusing on potential subsidies; and,
- An assessment of weed germination by the Designated Botanist;

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

PROJECT LOCATION AND DESCRIPTION

The Project site is located in the 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 PVSI from BLM and the parallel thermal 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.

The Project is a commercial solar thermal power-generating facility that will use solar parabolic trough technology to generate electricity. 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 April 2011, Project activities were in compliance with the COCs that apply to the pre-construction and 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-16: Pre-Construction Nest Surveys
- 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-24: Golden Eagle Inventory and Monitoring
- BIO-26: Couch’s Spadefoot Toad Impact Avoidance and Minimization Measures

The remaining biological COCs pertain to compensatory mitigation or operations, and are, thus, not covered in this report.

SURVEY METHODOLOGY

Survey methodology was in compliance with COCs BIO-9, 16, 17, and 18 and followed 1993 CDFG Burrowing Owl Guidelines; standard nest-locating techniques (Martin and Guepel 1993); and USFWS Desert Tortoise Field Manual, Chapter 6, Clearance Survey Protocol for the Desert Tortoise – Mojave Population. Dates of surveys and survey personnel are summarized in Table 1.

Per COC BIO-18, BMs, under direction of the DB, conducted pre-construction surveys for WBO no more than 30 days prior to initiation of construction activities. Areas surveyed in April included the portions of the Main Access Road including a 500-foot buffer (Figure 1). Survey transects were spaced no more than 30 meters apart, although they were adjusted depending on location to obtain 100% visual coverage. Burrows with WBO sign or those of suitable size for occupation by WBO were identified. For burrows identified as being of suitable size for WBO, at least two follow-up focused surveys were conducted. These focused surveys were undertaken during the early morning or evening according to WBO survey guidelines.

Prior to disturbance activities and per COC BIO-17, a focused KF and AB survey was completed on potentially active burrows in portions of Phase 1A and a 20-foot buffer that were detected in March along the north-central portion of the Main Access Road. Transects to identify potential dens were also completed in April for portions of the Main Access Road (Figure 1). Dens identified as potentially suitable or active were monitored for at least three consecutive nights using tracking medium, and/or infrared camera stations at the entrance.

Per BIO-16 and prior to disturbance, pre-construction nest surveys were conducted of portions of the Main Access Road (Figure 1). Standard nest-locating techniques such as those described in Martin and Guepel (1993) were followed. Surveys included areas within 500 feet of the boundaries of the planned active construction areas (including linear facilities). At least two pre-construction nest surveys were conducted prior to disturbance. At least one of the surveys was conducted within a 14-day period preceding initiation of construction activity. A third, follow-up survey was conducted seven days after the second survey, within the buffer area surrounding five potentially active nest sites in a large wash along the Main Access Road to assess their status (Figure 2).

Within 24 hours of the initiation of clearing and grubbing activities for DT fence installation along the Main Access Road and Phase 1a- Unit 1, a survey was conducted in accordance with COC BIO-9 to clear the area of DT. The fence line construction disturbance limits on either side of the fence centerline will not exceed 15 feet; therefore, surveys occurred within a 60-foot-wide survey area centered on the fence line. Ground disturbance and installation of DT fencing was monitored by the DB. Fencing of the Shared Services and DT clearance was completed in March; therefore no further DT clearance was required in that area. DT clearance within the fully fenced portion of Unit 1 was initiated on April 30th in accordance with COC BIO-9. Transects covering 100 percent of the area were walked no more than 15-feet apart. Two separate surveys will be walked in a different direction to allow opposing angles of observation.

Construction monitoring was conducted in compliance with COCs BIO-8 and BIO-9. Construction activities, including all disturbance associated with DT fence line construction, were confined to the surveyed and staked disturbance boundaries in accordance with these conditions. Construction monitoring was conducted as well within the fenced Shared Services during tree removal, with the DB walking ahead of the construction equipment to clear the area prior to uprooting trees and carrying them to the dumpsters. Non-disturbance buffers around the active kit fox burrow and loggerhead shrike nest found within Shared Services in March were maintained by tree removal crews and monitored by the DB.

All areas not yet fenced with DT exclusion fencing were monitored during construction and related disturbance activities (e.g., driving of equipment, water truck spraying), 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. In addition, monitoring in compliance with COC BIO-18 was conducted of the non-disturbance buffer established for the WBO found 485 feet east of Phase 1a-Unit 1 boundary during February buffer surveys.

Pre-construction and clearance surveys data were collected on designated Pre-Construction or Clearance Survey Data Sheets and electronically scanned/uploaded daily. Biological monitoring data were collected on designated Daily Biological Monitoring Logs. Global Positioning System (GPS) data (special-status species detections, sign, and burrow data) were also collected and uploaded daily.

SUMMARY OF ACTIVITIES

Activities for April 2011 were as follows:

- 4/1, inspection of DT gate and fencing integrity around cattle guards in Well Area
- 4/1, Completion of focused KF/AB survey in advance of DT fencing along north-central portion of the Main Access Road
- 4/1 to 4/6, biological monitoring of clearing, grubbing, trenching, and silt and DT fence installation completion around Phase 1a – Unit 1
- 4/7 to 4/15, biological monitoring of tree removal in Shared Facilities area
- 4/13, assessment of weed germination by Designated Botanist
- 4/8 to 4/15, monitoring of WBO non-disturbance buffer to the east of Phase 1a-Unit 1 fence line
- 4/5 to 4/29, biological monitoring of clearing, grubbing, trenching, and silt and DT fence installation along Main Access Road
- 4/1, 4/7 to 4/8, 4/14 to 4/15, 4/25, 4/29, and 4/30 nesting bird surveys of Main Access Road and 500 foot buffer in advance of clear and grub activities for DT fence installation along Main Access Road
- 4/29 to 4/30, transect surveys and follow up monitoring of potential WBO, KF, and AB burrows along southern portion of Main Access Road
- 4/8, 4/15, 4/22, 4/29, weekly raven monitoring.

SURVEY RESULTS

Phase 1a-Unit 1 Southern Boundary Fence line

All work areas were pre-surveyed by the DB prior to clearing, grubbing, trenching, grading, and fence installation. Fencing was completed around the Phase 1A portion of Unit 1 on April 6th. No sensitive species were encountered during the construction period. DT clearance within the fully fenced area was initiated on April 30th.

Shared Facilities Area

Biological monitoring was conducted from 4/7 to 4/15 during tree removal in the Shared Facilities, with the DB pre-surveying ahead of tree removal machinery.

The active loggerhead shrike nest and 350-foot buffer flagging was checked during activities; it was determined that the eggs had hatched, flagging remained intact, and the nest was not disturbed.

The KF burrow (BMAJR301) originally found in December and re-excavated in March was checked and was found to have fresh tracks.

Tree removal was completed, with the exception of 10 trees within the loggerhead shrike buffer to be removed after the birds have fledged.

Main Access Road

KF, AB, BO

On 4/1, a focused KF/AB survey was completed on burrows BMAMK003 and BMAMI018 where cameras had been stationed in late March. The two burrows showed no new sign. Camera photos showed a ground squirrel next to BMAMK003, but nothing at the other burrow. Pre-construction survey transects for the remainder of the Main Access Road to I-10 were completed on 4/29 and 4/30. Five mammal burrows were found of suitable size for KF, BO, or AB. Follow up monitoring will occur and will be reported in May compliance report.

Nesting Birds

The first nesting bird survey was conducted for the north-central portion of the Main Access Road through 4/1 (the first nesting bird survey began in late March). Three were originally reported in the March MCR during this survey (BNEJM001- Verdin, BNEJM003 - one potentially-active ash-throated flycatcher nest, BNEJM002 - ladder-backed woodpecker). These nests are all located 150 feet or more east of the fencing disturbance area within a central wash.

The second nesting bird surveys for this approximately 8,000 linear feet area was conducted from 4/7 to 4/8. One additional active nest (BBGNEAF001 - black-tailed gnatcatcher) was found, as well as one more potentially-active nest site (BCHNEF001 - Costa's hummingbird). Also nests BNEJM001 (verdin), BNEJM002 (ladder back woodpecker) were confirmed active. BNEJM003 (potential cavity) will continue to be monitored (Figure 2).

A third, follow-up nesting bird survey was conducted on 4/25 for the active/potentially active nest sites found in the central wash area. Black-tailed gnatcatcher, verdin, and ladder-backed

woodpecker nests may be active and will be monitored for activity during fence construction which is occurring no closer than 150 feet from nests. No hummingbird nest was found and none were observed in area; BCHNEAF001 is therefore assumed inactive. No activity was seen at BNEJM003, potential cavity, but it will continue to be monitored.

A letter was sent to the California Department of Fish and Game (CDFG), requesting approval to continue with fencing activities through the central wash with a minimum 150 foot buffer of the closest nest (Attachment 6). Approval to proceed was given on 4/28. Crews proceeded with clear, grub, grading, and trenching through wash area. Noise levels were measured and monitored throughout the day. Backhoe noise ranged from 55 to 60 db. The water truck measured 70 db for a very short period. Nesting birds foraged nearby and did not appear affected by the construction noise. Grading of the ROW through the wash was completed. Follow-up visits to active nests will be reported in subsequent Monthly Compliance Reports.

Pre-construction nest surveys were also conducted for the next 6,000 linear feet of the Main Access Road moving south. The first survey was conducted April 14-15 and two active nests were found (BBNJM005-black-tailed gnatcatcher) and (BVNJM006-verdin) in a wash within the buffer area (Figure 3). The second nesting bird survey for this portion of the alignment was conducted on April 29th. The nests found during 1st survey (BBNJM005-black-tailed gnatcatcher) and (BVNJM006-verdin) were still active. Five week-old chicks were present at BBNJM005-black-tailed gnatcatcher. Three additional potentially active verdin nests (BVNAF001, BVNAF002, BVNAF003) were also found in same wash on the southern portion of the access road. A pair of lesser nighhawks were seen under a bush (BLNHAF001) and may be setting up a nest in this location. All of these nests and potential nest sites are located at least 150 feet from the main access road disturbance area with the exception of one verdin nest. This nest is located within the road ROW. Its status is being monitored and an avoidance strategy will be coordinated with DFG if it is still active when fencing activities are within 350 feet.
The first nesting bird survey for the remainder of the Main Access Road south to I-10 was conducted April 29th and 30th. The second survey will be conducted in May and results reported in the next Monthly Compliance Report.

Weed Monitoring

Monitoring of weed germination was conducted by Designated Botanist Scott McMillan on 4/13/2011. Some early evidence of weed germination was found in a few isolated locations that have been subject to temporary disturbance. Plans for treatment are being developed in accordance with the Weed Management Plan.

Raven Monitoring

Weekly monitoring of raven activity was conducted per the Raven Monitoring and Management Plan. Monitoring focused on potential subsidies such as waste disposal areas and staged equipment. Two ravens were observed flying overhead over the course of the month.

WBO Monitoring

The WBO non-disturbance buffer to the east of Phase 1a-Unit 1 fence line was monitored from 4/8 to 4/15. Monitoring focused on checking for new sign and ESA fence integrity. The fence remains intact. No WBO or new sign was seen, and the WBO is presumed to have moved out of area.

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 April received WEAP training, as detailed in the comprehensive Monthly Compliance Report. 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.

GENERAL DAILY NOTES AND OBSERVATIONS

Table 1 summarizes construction and biological clearance survey, and monitoring activities and observations. Daily notes detailing all observations and compliance monitoring activities are provided in the forms attached (Attachments 4 and 5).

REFERENCES

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

Table 1 Compliance Monitoring and Survey Observations

Location	Construction Activity	Start Date	End Date	Survey Type	Monitor	Special-Status Species	Observations
Unit 1	Clear and grub for fence installation	1-Apr	6-Apr	Biological Monitoring	Ray Romero (DB)	None	Pre-surveyed work areas in prep for clear and grub of remaining portion of southern boundary of Unit 1. Monitored fence installation, inspecting trenches prior to backfilling. Flushed a coach whip from ROW. All vehicles checked for DT magnets, and verified crew checking under vehicles. Fencing completed along southern boundary of Unit 1. Gate will be replaced on 6-Apr, and final backfilling done.
		30-Apr	30-Apr	DT Clearance	Eric German (BM), Milo Rivera (BM), Mike Rathbun (BM), Tina Poole (DB)		No DT or sign noted.
Shared Facilities	Tree Removal	7-Apr	15-Apr	Biological Monitoring	Ray Romero (DB)	LOSH, KF	Monitored tree removal. No birds or nest were disturbed. 13-Apr Backhoe inadvertently entered buffer area, but did not remove any trees. DB spoke to drive and his supervisor. No birds or nest disturbed. Tree removal completed April 15th. Remaining 10 trees will be removed after birds have fledged. Shrike nest buffer checked; flagging intact.

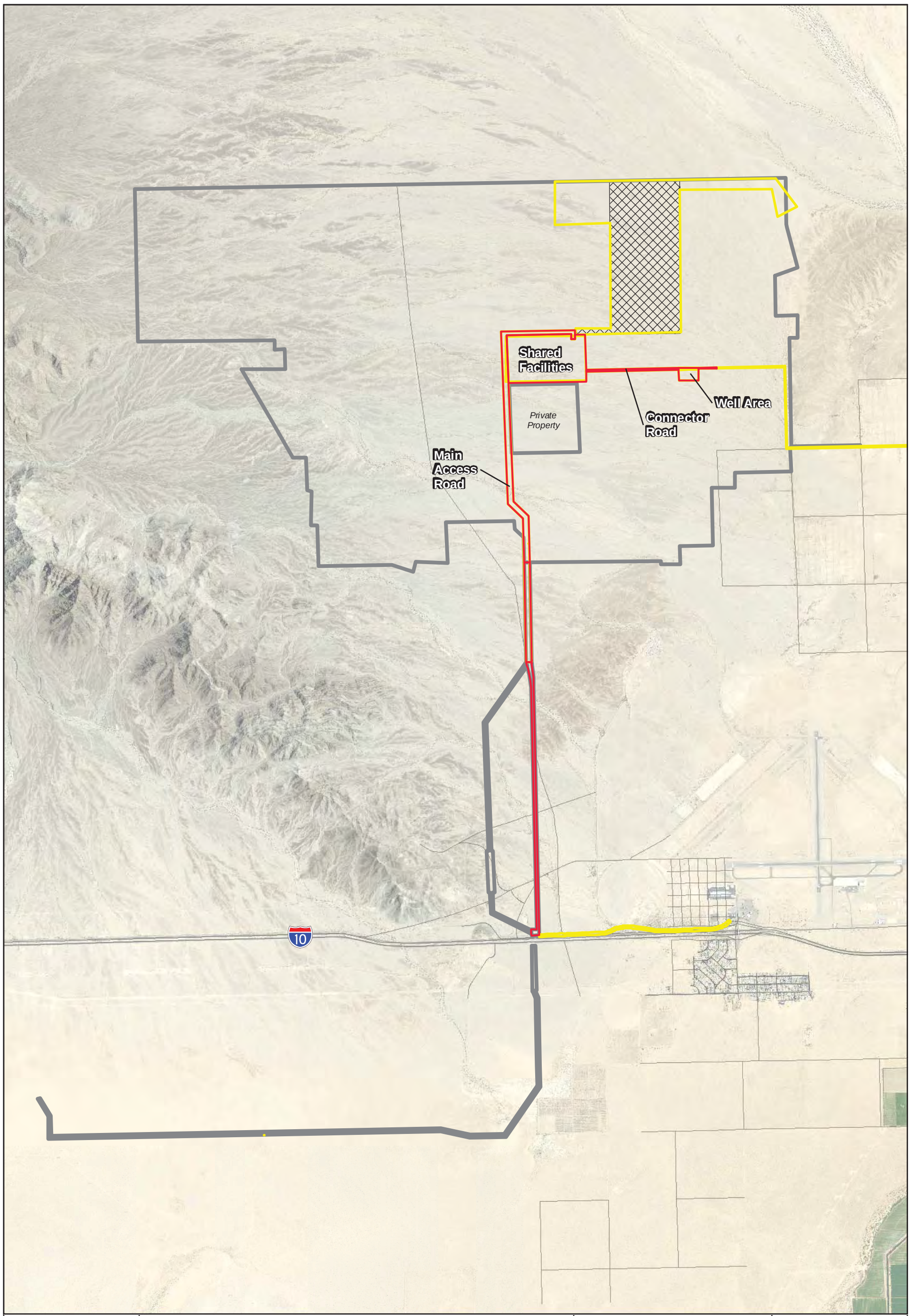
Location	Construction Activity	Start Date	End Date	Survey Type	Monitor	Special-Status Species	Observations
Main Access Road *-North-Central Portion*	Clear and grub for fence installation	1-Apr	1-Apr	Nesting Bird Survey 1	Jimmy McMorran (BM)	Nesting Birds	One old, inactive nest found and removed. Three other nests documented in central wash within the buffer east of the access road during this survey (one active BNEJM001- Verdin, BNEJM003 - one potentially-active ash-throated flycatcher nest, BNEJM002 - Ladder-backed woodpecker) were originally reported in the March MCR.
		1-Apr	1-Apr	AB/KF Focused Survey 3	Jimmy McMorran (BM)	None	Two burrows (BMAMK003, BMAMI018) with camera stations were checked, and showed no new sign. Camera photos showed ground squirrel next to BMAMK003, but nothing at other burrow.
		7-Apr	8-Apr	Nesting Bird Survey 2	Andrew Fisher (BM)	Nesting Birds	One active nests (BBGNEAF001 - Black-tailed gnatcatcher) was found, as well as one more potentially-active nest site (BCHNEF001 - Costa's hummingbird). Also nests BNEJM001 (verdin), BNEJM002 (woodpecker) were confirmed active. BNEJM003 potential cavity needs to continue to be monitored.
Main Access Road *-Southern Portion*	Clear and grub for fence installation	14-Apr	15-Apr	Nesting Bird Survey 1	Jimmy McMorran (BM)	Nesting Birds	Two active nests found (BBNJM005-black-tailed gnatcatcher) and (BVNJM006-verdin) in a wash on the southern portion of the access road.
		29-Apr	29-Apr	Nesting Bird Survey 2	Andrew Fisher (BM)	Nesting Birds	Two nests found during 1st survey (BBNJM005-black-tailed gnatcatcher) and (BVNJM006-verdin) in a wash on the southern portion of the access road still active. Chicks present at BBNJM005-black-tailed gnatcatcher. Three additional potentially active verdin nests (BVNAF001, BVNAF002, BVNAF003) found in same wash on southern portion of access road. Pair of lesser nighthawks seen under a bush (BLNHAF001).

Location	Construction Activity	Start Date	End Date	Survey Type	Monitor	Special-Status Species	Observations
Main Access Road	DT fence installation	5-Apr	26-Apr	Biological Monitoring	Ray Romero (DB)	None	Pre-surveyed prior to clear and grub on main plant rd. Surveyed work area prior to fence installation and later clear & grub. Noted wildlife killed during clearing activities, but no special status species observed. Found DT bone fragments and documented location. Continued pre-surveying and monitoring fence installation activities on east and west sides of ROW. No special-status species observed. Trenches will be left open over a weekend, but have 3:1 slope ramps at either end to facilitate escape by wildlife.
Main Access Road - *Southern Portion to I-10*	DT fence installation	29-Apr	30-Apr	AB/KF/BO Pre-Construction Transects	Eric German (BM), Milo Rivera (BM), Mike Rathbun (BM), Tina Poole (DB)		Five mammal burrows found of suitable size for KF, BO, or AB. Follow up monitoring to occur and be reported in May compliance report.
Main Access Road - *Central Wash Area*	DT fence installation	25-Apr	29-Apr	Nesting Bird Survey - Follow-up	Ray Romero (DB)		Three active, and two potentially-active nest sites found during the NB surveys were re-visited in the 500' buffer area for nesting birds, but outside of fence construction disturbance area. Black-tailed gnatcatcher, Verdin, and Ladder-backed woodpecker nests may be active and will be monitored for activity during fence construction which is occurring no closer than 150 feet from nests. No hummingbird nest found and none observed in area; BCHNEAF001 is assumed inactive.

Location	Construction Activity	Start Date	End Date	Survey Type	Monitor	Special-Status Species	Observations
Main Access Road – *Central Wash Area*	DT fence installation	5-Apr	26-Apr	Biological Monitoring	Ray Romero (DB)		Fencing activities to move to west side of ROW. Monitored clear and grub, and fence installation. All trenches are inspected prior to backfilling. No sensitive species seen, and all conditions compliant.
Main Access Road – *Central Wash Area*	DT fence installation	5-Apr	26-Apr	Biological Monitoring	Ray Romero (DB)		Perform daily inspection of active nests within buffer zone along wash. Fence installation proceeding along west side of ROW more than 300 feet away. Unable to see inside nests to determine condition of eggs/young. Received approval from CDFG to continue with fence installation in wash with 150 foot buffer of nesting birds.
Main Access Road		8-Apr		Weekly Raven Monitoring	Ray Romero (DB)	None	Saw 2 ravens flying overhead. Area checked for subsidies.
		15-Apr				None	Saw 2 ravens flying along main plant road. Area checked for subsidies.
		27-Apr				None	Saw 2 ravens flying along main plant road. Area checked for subsidies.
Well Site	Cattle guard	1-Apr	1-Apr	Biological Monitoring	Ray Romero (DB)	None	Inspected well area and cattle guard. No issues observed.
WBO ESA	None	8-Apr	8-Apr	ESA Check	Andrew Fisher (BM)	None	Checked integrity of ESA fence around WBO burrow. No WBO or new sign observed.
		15-Apr	15-Apr	ESA Check	Ray Romero (DB)	None	Checked integrity of ESA fence around WBO burrow. Fencing is intact. No WBO or new sign observed.

ATTACHMENT 1

FIGURES



Map Location

Legend

- Project Disturbance Area
- Early Works Area
- Unit 1 Segment
- Phase 1a Disturbance Area

0 3,500 7,000 Feet

1 inch = 3,500 feet

N W E S

Blythe Solar Power Project

Figure 1
Monthly Compliance Biological Resources Report - April

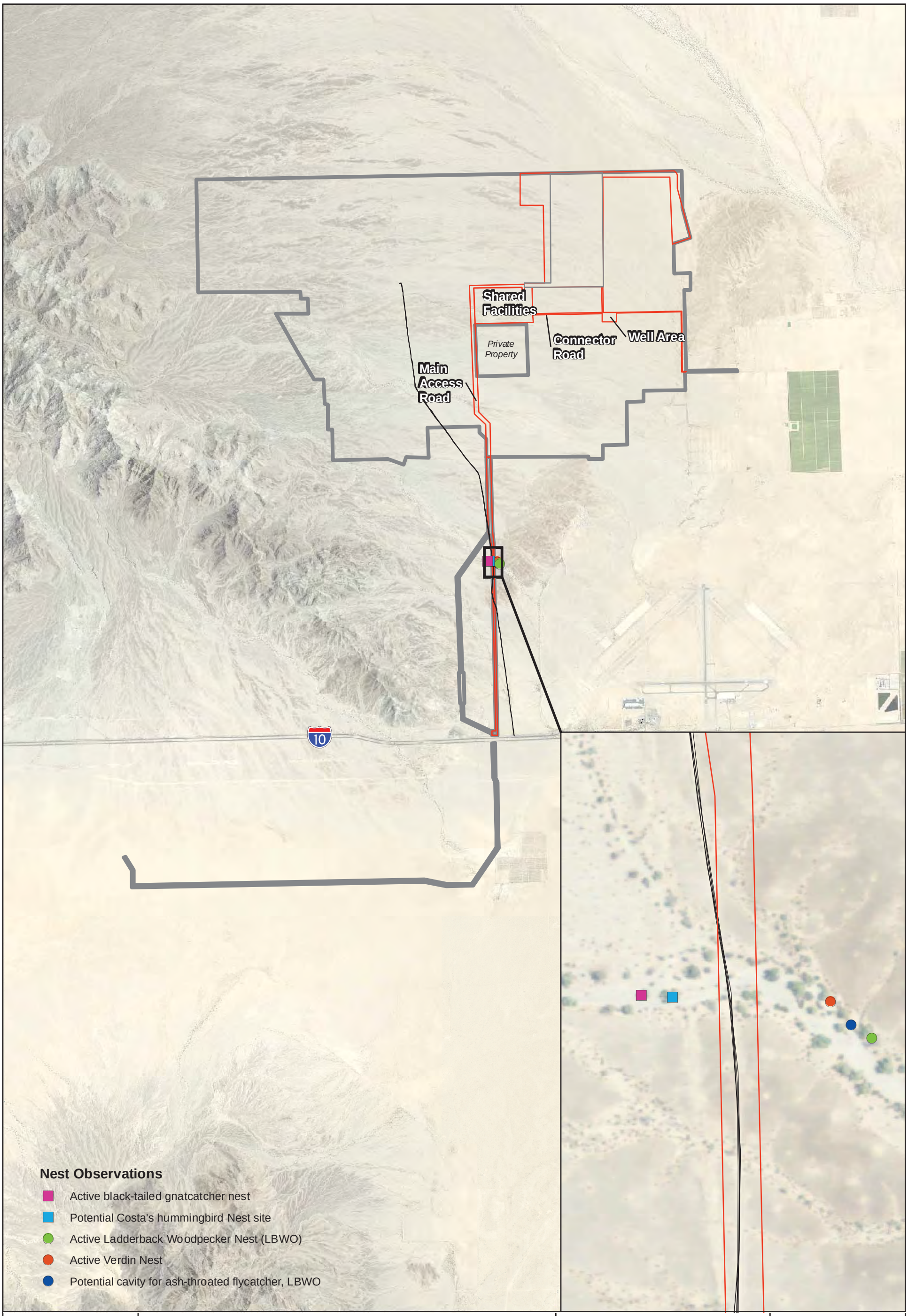
Source: NAIP 2009; RiversideCounty 2010; AECOM 2010
Coordinate Grid System: UTM Z11 N, NAD 83, meters

Solar Millennium LLC

AECOM

Date: April 2011

Path: P:\2011\11280150.01_BSPP_COMPLNC\06GIS\6.3_Layout\Reports\MCR\Feb2011\Fig1_BSPP_EarlyWorks.mxd, 03/04/11, SteinB



Map Location

Legend

- Project Disturbance Area
- Phase 1a
- Early Works Unit 1
- Black Creek Rd

0 3,500 7,000 Feet

1 inch = 4,688 feet

N W E S

Blythe Solar Power Project

Figure 2
Main Access Road
Nesting Bird Surveys

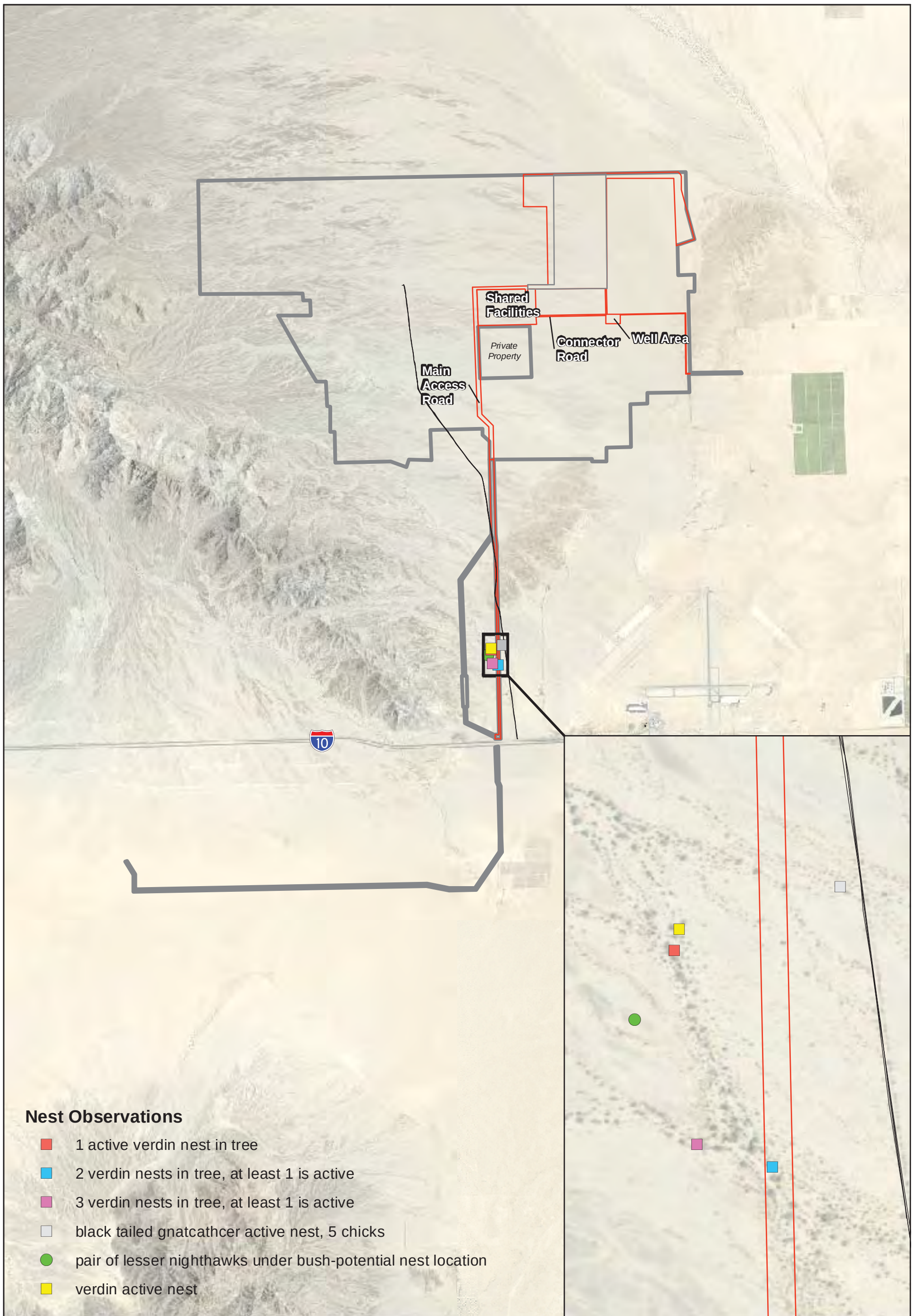
Source: NAIP 2009; RiversideCounty 2010; AECOM 2010

Solar Millennium LLC

AECOM

Date: April 2011

Path: P:\2011\11280150.01_BSPP_COMPLNC\06GIS\6.3_Layout\GIS_Graphics\BSPP_Obs_13Apr2011.mxd, 4/26/2011, SteinB



Map Location

Legend

- Project Disturbance Area
- Phase 1a
- Early Works Unit 1
- Black Creek Rd

0 3,500 7,000 Feet

1 inch = 4,688 feet

N W E S

Blythe Solar Power Project

Figure 3
Main Access Road
Nesting Bird Surveys

Source: NAIP 2009; RiversideCounty 2010; AECOM 2010

Solar Millennium LLC

AECOM

Date: May 2011

Path: P:\2011\1280150.01_BSPP_COMPLNC\06GIS\6.3_Layout\GIS_Graphics\BSPP_Obs_29Apr2011.mxd, 5/5/2011, LeeJ

ATTACHMENT 2

SPECIES OBSERVED DURING APRIL SURVEYS AND MONITORING

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

Scientific Name	Common Name
INVERTEBRATES	
Order *Lepidoptera*	Butterflies
Family *Tenebrionidae*	Darkling beetle
Genus *Apis*	Honey bees
Order *Phasmatodea*	Walking stick
Pogonomyrmex barbatus	Harvester ants
AMPHIBIANS – None observed	
REPTILES	
Callisaurus draconoides	Zebra-tailed lizard
Chionactis occipitalis occipitalis	Mojave shovel-nosed snake
Cnemidophorus tigris	Western whiptail lizard
Coleonyx variegatus	Western banded gecko
Dipsosaurus dorsalis	Desert iguana
Gambelia wislizenii	Long-nosed leopard lizard
Masticophis flagellum	Coachwhip snake
Phrynosoma platyrhinos	Desert horned lizard
Urosaurus graciosus	Long-tailed brush lizard
Uta stansburiana	Side-blotched lizard
BIRDS	
Amphispiza belli	Sage sparrow
Amphispiza bilineata	Black-throated sparrow
Athene cunicularia[2]	Western burrowing owl[2]
Auriparus flaviceps	Verdin
Buteo jamaicensis	Red-tailed hawk
Buteo regalis	Ferruginous hawk
Callipepla gambelii	Gambel's quail
Calypte costae	Costa's hummingbird
Cathartes aura	Turkey vulture
Charadrius vociferus	Killdeer
Chordeiles acutipennis	Lesser nighthawk
Circus cyaneus[2]	Northern harrier[2]
Carpodacus mexicanus	House finch
Corvus corax	Common raven
Dendroica townsendi	Townsend's warbler
Eremophila alpestris actia[1]	California horned lark[1]
Euphagus cyanocephalus	Brewer's blackbird
Falco sparverius	American kestrel
Geococcyx californianus	Roadrunner
Lanus ludovicianus[2]	Loggerhead shrike[2]
Megascops kennicottii	Western screech owl
Myiarchus cinerascens	Ash-throated flycatcher
Myiarchus tyrannulus	Brown-crested flycatcher
Pandion haliaetus	Osprey
Petrochelidon pyrrhonota	Cliff swallow
Phalaenoptilus nuttallii	Common poorwill
Picoides scalaris	Ladder-backed woodpecker
Petrochelidon pyrrhonota	Cliff swallow

Scientific Name	Common Name
Polioptila caerulea	Blue-grey gnatcatcher
Polioptila melanura	Black tailed gnatcatcher
Regulus calendula	Ruby-crowned kinglet
Sayornis saya	Say's phoebe
Spizella breweri	Brewer's sparrow
Spizella passerina	Chipping Sparrow
Stelgidopteryx serripennis	North rough-winged swallow
Tachycineta bicolor	Tree swallow
Tachycineta thalassina	Violet-green swallow
Toxostoma lecontei	Le Conte's thrasher
Wilsonia pusilla	Wilson's warbler
Zenaida asiatica	White-winged dove
Zonotrichia leucophrys	White-crowned sparrow
MAMMALS	
Chaetodipus formosus	Long-tailed pocket mouse
Dipodomys deserti	Desert kangaroo rat
Lepus californica	Black-tailed jackrabbit
Neotoma lepida	Desert wood rat
Peromyscus maniculatus	Deer mouse
Spermophilus tereticaudus	Round-tailed ground squirrel
Vulpes macrotis arsipus	Desert kit fox

[1] CDFG watch list
[2] State species of special concern

ATTACHMENT 3

PHOTOS

Tree removal, looking southwest, in the shared facilities area. 04/01/2011

Looking southwest at tree disposal in the shared facilities area. 04/01/2011

Looking west at clear and grub along Main Access Road. 04/05/2011

Looking north at DT fence installation along Main Access Road. 04/06/2011

Ladder-backed woodpecker cavity within 500 foot buffer of Main Access Road –central wash. 4/27/11

Western diamondback rattlesnake relocated by the DB from the Shared Services. 04/13/2011

Active Gnatcatcher nest found during pre-construction surveys in Palo Verde tree in buffer of Main Access Road. 04/27/2011

Active Verdin nest found during pre-construction surveys in Palo Verde tree near Main Access Road. 04/27/2011

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:	Ray Romero		**Date:**	4/1/11
Starting Location and Activity:	Unit 1		**Site Code:**	Blythe
Weather:	Clear sunny, hot no wind	**Start** 7:00 AM	**Midday** 12:00	**End** 14:00 PM
Rainfall?	**Temp:**	69	94	101
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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ 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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑ No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
Sm. mammal	burrows	Unit 1
Harvester ants	foraging	"
Side-blotched lizards	"	"
Western whiptail lizards	"	"
Long-nosed leopard lizard	"	"
Horned larks	flying	"
Kit fox	scat	"

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]
655	8	5	Mtg safety plan for day, stretch/flex. Plan to continue fencing along S. boundary of Unit 1. Expected to be a short day today.	1
740	1	2	Inspected well area & cattle guard. No issues observed.	
800	1	6	Presurveyed work areas in prep for DT fence & clear/grub of remaining portion of S. boundary of Unit 1. Monitoring fence install.	
1100	4	6	Monitoring grading of fence ROW & back fill of DT fence. Inspected fence & trench prior to back fill. Use grader on inside of fence & backhoe w/ rear bucket being used to back fill trench. H_2O truck running to keep dust down. Plan to complete fence install of Unit 1 by next Tues.	
1345	4	6	Depart site. Backfill/grading complete	

Activity (ACT)[1]		*Location (LOC)*[2]		*Compliance Levels (CL)*[3]
1. DT Fencing	5. Excavation	1. DT Fence	5. Other Kent Office	1. Acceptable
2. Access/egress	6. UXO Activities	2. Well Site	6. Other Unit 1	2. Notification
3. Clear/grub	7. SWPPP	3. Access Road	7. Other	3. Non-compliance
4. Grading	8. Other (specify) Mtg	4. Drainage Crossings		4. Non-compliance Resolution

Signature: [signature] 4/1/11

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:**	4/4/11
Starting Location and Activity:	Phase 1A Unit 1		**Site Code:**	Blythe
Weather:	Clear, Sunny, warm, windy	**Start** 7:00 AM	**Midday** 12:00	**End** 3:00 PM
Rainfall?	**Temp:**	66	81	86
Y (N)	**% Cloud Cover:**	2	2	2

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 McKinnon (937) 219-5242
In emergencies, dial 911

General Monitoring Section

Condition	*Compliance?*	*Comments*
A) Site checked for biota prior to construction?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles
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]	☑Yes ☐ No ☐ N/A	Trench inspected prior to backfill
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	H2O truck keeping dust down
L) Road kill removed, note species/location	☐Yes ☑No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
copperhead strike	flying	E. access rd.
round tailed ground-squirrel	running	"
side blotched lizard	foraging	Unit 1
hairy-stem gnats	mounds	"
coachwhip	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]
650	8	5	Mtg - safety (JHA), plan for day, stretch tape.	1
			Jon off this wk. Brent will fill in for him.	
			Plan to install 1,000 ft of DT fence today.	
			Plan to complete Unit 1 fencing by tomorrow.	
			Will resume work on Main Plant Rd on Wed.	
			Plan to start tree removal in SS tomorrow.	
815	1	6	Resurveyed work areas. No sensitive species	
			observed.	
1100	1	6	Arrived on site. Coord w/ Jim on activities.	
			Monitor fence installation.	
1430	1	6	Flushed coachwhip from row.	
1500	1	6	Backfill complete. Departed 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* Brent Office
6. *Other* Unit 1
7. *Other* _____

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

Signature: [signature] 4/4/11

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:	[illegible]		*Date:*	4/5/11
Starting Location and Activity:	Unit 1, Main Plant Rd		*Site Code:*	Blythe
Weather:	Sunny, warm, no wind	*Start* 7:00 AM	*Midday* 12:00	*End* 3:00 PM
Rainfall?	*Temp:*	57	83	87
Y (N)	*% Cloud Cover:*	25	25	45

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

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

Signature: [illegible]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
Prairie horned lizard	flying	E. access rd
horned larks	flying	"
side blotched lizard	foraging	Main Haul Rd.
western whiptail lizard	"	"
hamster cuts	"	"
Sm mammal	burrows	"
Kit fox	scat	"
Coyote	"	"
beetles	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]
650	8	5	mtg - safety plan for day, stretch/flex.	1
			Plan to install ~ 1,000 ft fence today.	
1000	3	3	Clear/grub main plant Rd. Preserved	
			area. Checked on two nests & determined	
			they were inactive. No special status species	
			observed during survey. Coord w/ Arch	
			UXO & bio 3rd party monitor on activities.	
			Inspected unit 1 ROW beforehand.	
1245	3	3	Clear/grub complete. Crew returned to	
			unit 1 to backfill fence. Inspected trench	
			prior to backfill.	
1340	~~3~~ 1	~~3~~ 6	Coord w/ Morgan on ESA fencing,	
			SS tree removal, COCs, etc. Explained	
			timeline for nesting bird surveys.	
1500	1	6	Completed fencing along S. boundary of	
			unit 1. Need final touches & backfill	
			tomorrow. Gate will be replaced tomorrow.	
			They will plan on working Main Rd tomorrow.	

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* Kewit office
6. *Other* Unit 1
7. *Other* _____

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

Signature: [signature] 4/5/11

1600 Attend Kewit 3-wk look ahead mtg.

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:	[illegible]	**Date:**	4/6/11	
Starting Location and Activity:	Main Plant Rd	**Site Code:**	Blythe	
Weather:	Sunny, warm, no wind	**Start** 7:00 AM	**Midday** 12:00	**End** 3:00 PM
Rainfall? Y (N)	**Temp:**	58	86	88
	% Cloud Cover:	60	~~65~~ 80	90

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?	☑Yes ☐ No ☐ N/A	Resurvey of work area
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	Magnets on vehicles
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]	☑Yes ☐ No ☐ N/A	Trench & fence inspected prior to backfill
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	ROW clearly staked
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	H2O truck controlling dust
L) Road kill removed, note species/location	☑Yes ☐ No ☐ N/A	Short nosed snake, k-rat, desert iguana
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	no litter
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: [illegible]

Incidental Species: Daily notation of species other than KF, AB, WBO, or DT — 708368 3725453 coords

tortoise bone fragments along main plant rd

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
dragonflies	flying	shared services
horned larks	flying	E access rd
loggerhead shrike	flying	"
short nosed snake	dead	main plant rd
Williams E-rat	dead	"
desert iguana	"	"
western whiptail lizard	foraging	" shared services
side blotched lizards	" "	" shared services
sm mammal	burrows	"
blar western cliffs	mounds, foraging	"
coyote	scat	"
kit fox	scat	" shared services
beetles	foraging	" roadrunner ~~[illegible]~~ access 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]
655	8	5	Heart into safety plan for day, stretch/flex. Plan to install 800' DT fence along main plant rd.	1
740	1	6	Survey work area including addt'l 900' in prep for clear/grub. Several road kill noted. Observed 50 cal. bullets & informed Dan. No special status species observed during survey. Monitor clear/grub. Archs, BLM 3rd party monitor onsite. Coord w/ Erick on work activities. Found DT bone fragment. See above.	
1100	3	7	Started tree removal in Shared Services. Removing w/ machine & placing in roll away bins for disposal @ local landfill.	
1345	4	6	Back @ main plant rd. to back fill DT fence. Inspected trench & fence prior to backfill.	
1500	4	6	Back fill complete. Departed 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) n/a

Location (LOC)[2]
1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other Krenz office
6. Other main plant rd
7. Other shared services

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

Signature: [signature] 4/6/11

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:***	4/7/11
Starting Location and Activity:	Main Plant Rd.		***Site Code:***	***Blythe***
Weather: High winds in afternoon	Clear sunny, warm windy	***Start*** 7:00 AM	***Midday*** 12:00	***End*** 3:00 PM
Rainfall?	***Temp:***	59	80	82
Y (N)	***% Cloud Cover:***	0	3	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
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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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ 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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑No ☐ N/A	none observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
Side-blotched lizards	foraging	Main Plant Rd
western whiptail lizard	"	"
zebra tailed lizard	"	"
San mammal	burrows	"
harvester ants	mounds	"
kit fox	scat, tracks, diggings	"
coyote	scat	"
horned larks	flying	"
Ravens (2)	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]
655	8	5	Mtg – safety, plan for day, stretch/flex. Brent onsite today, Joseph Ratico (SM) expected onsite today. Plan to install 800' DT fence on W side of Main Rd, clear/grub 900' on E side of Main Rd & perform tree removal in Shared Services. Audubon Fishes onsite to perform 2nd nesting bird survey along Main Rd.	1
750	3	6	Resurveyed E side of Main Plant Rd ROW per schedule. Kiewit decided to make change and clear/grub on W side of ROW. Resurveyed this area also. No special status species observed.	
1140	3	7	Removing trees in Shared Services.	
1220	3	7	Trash bins full, went back to Main Rd. Backfilling DT fence trench w/ loader & backhoe. Winds increased significantly, dusty conditions	
1500	4	6	Backfill complete along Main Rd. Departs site.	

Activity (ACT)[1]		*Location (LOC)*[2]		*Compliance Levels (CL)*[3]
1. DT Fencing	*5. Excavation*	*1. DT Fence*	*5. Other Kiewit office*	*1. Acceptable*
2. Access/egress	*6. UXO Activities*	*2. Well Site*	*6. Other Main Rd*	*2. Notification*
3. Clear/grub	*7. SWPPP*	*3. Access Road*	*7. Other Shared Services*	*3. Non-compliance*
4. Grading	*8. Other (specify) Mtg*	*4. Drainage Crossings*		*4. Non-compliance Resolution*

Signature: [signature] 4/7/11

Biological Monitor:	[illegible]		*Date:*	4/7/11	
Starting Location and Activity:	Main Start Rd		*Site Code:*	*Blythe*	
Weather:	Clear, sunny, warm, windy	*Start* 7:00 AM		*Midday* 12:00	*End* 3:00 PM
Rainfall?	*Temp:*	59		80	82
Y (N)	*% Cloud Cover:*	0		3	5

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	☐Yes ☐ No ☐ N/A	
B) Any sensitive species observed inside fencing? Describe	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	☐Yes ☐ No ☐ N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Penned 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	☐Yes ☐ No ☐ N/A	
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) Is adaptive management needed? Recommendations.	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	☐Yes ☐ No ☐ 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?**
2	1220	Main Rd	flying	none	N/A

Signature: [illegible]

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:	[illegible]	***Date:***	4/8/11	
Starting Location and Activity:	[illegible]	***Site Code:***	***Blythe***	
Weather:	cloudy rain, slight wind	***Start*** 7:00 AM	***Midday*** 12:00	***End*** 3:00 PM
Rainfall? partly	***Temp:***	50	56	58
(Y) N	***% Cloud Cover:***	100	100	100

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?	☑Yes ☐ No ☐ N/A	pre survey of work areas
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	all staff trained
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnetson vehicles
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]	☑Yes ☐ No ☐ N/A	trench checks & before backfill
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	LOW clearly staked
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑ No ☐ N/A	none observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	no litter
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: [illegible]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
horned larks	flying	E. access rd.
common raven	"	Main Rd.
sm. mammal	burrows	"
kit fox	scat	"
dog	scat	"
pocket gopher out	mounds	"
kit fox	den, scat	Shared services
wood rat	midden	"

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]
655	8	5	Mtg - safety, plan of day, stretch/flex. Plan to install 500' DT fence along W. boundary of Main Plant Rd. Operator will rem. ave trees in Shared Services later in morning. Fence crew will install small portion of fencing @ SE corner of unit 1.	1
745	1	6	Resurvey work areas, including fence way & another 900' in prep for clear/grub.	
850	1	6	Jessica D. (Pala) onsite for spot check, monitoring clear/grub activities and backfilling of trench.	
	4	6	Backfill & grading of DT fence ROW complete.	
1310	3	7	Start tree removal in Shared Services.	
1500	3	7	Complete tree removal for day. Departsite.	

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* Kept Office
6. *Other* Main Rd.
7. *Other* Shared Services

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

Signature: [signature] 4/8/11

Biological Monitor:	Ray Romero	*Date:*	4/8/11	
Starting Location and Activity:	Main Plant Rd.	*Site Code:*	Blythe	
Weather:	cloudy, rain, slight wind	*Start* 7:00 AM	*Midday* 12:00	*End* 3:00 PM
Rainfall? partly (Y) N	*Temp:*	50	56	58
	% Cloud Cover:	100	100	100

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	☐Yes ☐ No ☐ N/A	
B) Any sensitive species observed inside fencing? Describe	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	☐Yes ☐ No ☐ N/A	

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

Species, Location, and ID: Inspected by Andrew Fisher @ 12:30pm

Condition	*Compliance?*	*Comments*
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass or encroachment of disturbance activities? Describe	☑Yes ☐ No ☐ N/A	Fence intact, signs intact
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	☐Yes ☑ No ☐ N/A	WBO was not observed.
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☑ No ☐ N/A	design, nonow sign
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☑Yes ☐ No ☐ N/A	
E) Is adaptive management needed? Recommendations.	☐Yes ☑ No ☐ N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	☑Yes ☐ No ☐ 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?**
1	840	Main Rd	flying	0	N/A
1	1205	"	flying	0	N/A

Signature: Ray Romero

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:**	4/11/11
Starting Location and Activity:	Main Plant Rd		**Site Code:**	Blythe
Weather:	Cloudy, warm, slight wind	**Start** 7:00 AM	**Midday** 12:00	**End** 3:00 PM
Rainfall?	**Temp:**	58	76	82
Y (N)	**% Cloud Cover:**	70	40	40

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

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
side blotched lizards	foraging	Main Rd
Zebratailed lizard	"	"
K-rat	burrows, tracks, scat	"
Sm. mammal	burrows	"
Kit-fox	scat	"
black tailed hare	resting	shared services
western whiptail lizard	foraging	"
side blotched lizard	"	"
Snake (coachwhip)	snake skin - shedding	"
Kit-fox	den, scat, tracks	"
desert woodrat	midden	"

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]
700	1	3	Pre survey work area including area to be fenced and cleared/grubbed. Monitor activities.	1
910	1	3	Coord w/ Erik on work activities & schedule.	
1345	3	5	Pre survey trees and monitor removal in Shared Services. UXO & cultural staff present during activities. First bin is full and second bin will be filled today. Plan to exchange for empty bins tomorrow morning.	
1450	3	5	Both bins are full. Depart Shared Services for Main Plant Rd.	
1505	4	3	Monitor backfill of trench, Surveyed prior to backfill.	
1500	4	3	Backfill complete. 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)*

Location (LOC)[2]
1. *DT Fence*
2. *Well Site*
3. *Access Road*
4. *Drainage Crossings*
5. *Other* Shared Services
6. *Other* _____
7. *Other* _____

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

Signature: Ray Ramos 4/11/11

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:**	4/12/11	
Starting Location and Activity:	Main Plant Rd	**Site Code:**	Blythe	
Weather:	clear, sunny warm, no wind	**Start** 7:00AM	**Midday** 12:00	**End** 3:00PM
Rainfall?	**Temp:**	58	86	88
Y (N)	**% Cloud Cover:**	0	0	2

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?	☑Yes ☐ No ☐ N/A	Presurveyed work areas
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles
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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	ROW clearly staked
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	H2O truck for dust control
L) Road kill removed, note species/location	☐Yes ☑ No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	no littering
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
side-blotched lizard	foraging	Main Rd
Sm mammal	burrows, tracks, tail drags	"
kit fox	scat	"
western whiptail	foraging	Shared Services
kit fox	den, tracks, scat	"
Sm. mammal	burrows, tracks	"
coyote	scat	"
desert woodrat	midden	"

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]
655	8	5	Hewitt mtg safety, plan for day, stretch/flex.	1
			Morgan discussed recent issues & need for	
			compliance.	
740	1	3	Presurveyed work areas including area to	
			be fenced & cleared/grubbed. No special status	
			species were observed. Coord w/ Erick	
			on work activities & schedule.	
1045	3	6	Tree removal in Shared Services. I am	
			presurveying trees looking for nests	
			prior to removal. Two bins filled. Will	
			be replaced w/ two empties today.	
1230	3	6	Tree removal finished for today, backhoe	
			departed for Main Rd to start backfilling	
			trench. I inspected trench prior to backfill.	
1500	4	3	Backfill and grading of trench & ROW	
			complete. 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 Hewitt office
6. Other Shared Services
7. Other _____

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

Signature: [signature] 4/12/11

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:	[illegible]		**Date:**	4/13/11
Starting Location and Activity:	Main Plant Rd		**Site Code:**	Blythe
Weather:	clear, sunny, warm, windy afternoon	**Start** 7:00 AM	**Midday** 12:00	**End** 3:00 PM
Rainfall?	**Temp:**	60	78	84
Y (N)	**% Cloud Cover:**	0	0	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
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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?	☑Yes ☐ No ☐ N/A	pre-surveyed work areas
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	all staff trained
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles
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]	☑Yes ☐ No ☐ N/A	trench inspected
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	clearly staked row
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	H_2O truck controlling dust
L) Road kill removed, note species/location	☐Yes ☑No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	no litter
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: [illegible]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
side blotched lizard	foraging	Main Plant Rd
leopard lizard	running	"
western whiptail lizard	foraging	"
sm mammal	burrows	"
Merriam's ser squirrel	foraging	"
Kit fox ~~burrow~~	burrow, scat, tracks	Shared Services
western whiptail lizard	foraging	"
sm mammal	burrows	"
round tailed ground squirrel	running	"
western diamondback rattlesnake	unearthed	"
black-tailed hare	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]
650	8	5	Mtg - safety, plan for day, stretch & flex. Plan to install 600' of DT fencing on E side of Main Plant Rd ROW. Later in day plan to continue tree removal in Shared Services.	1
745	1	3	Re-surveyed work area in prep for clear grub & DT fence install along E side of Main Rd. No special status species observed.	
1100	3	6	Removing trees in Shared Services. I am pre-surveying each tree prior to removal. Crews reminded of nesting bird buffer & Kit fox burrow. Another trash bin switched out today.	
1220	3	6	Relocated western diamondback rattlesnake after it had been unearthed during tree removal in Shared Services.	
1305	3	6	Checked on shrike nest in SS. Young hatched. Checked on kit fox burrow also. Tracks observed at entrance. I smoothed entrance yesterday, so tracks are fresh.	

Activity (ACT)[1]		Location (LOC)[2]		Compliance Levels (CL)[3]
1. DT Fencing	5. Excavation	1. DT Fence	5. Other Kit fox burrow	1. Acceptable
2. Access/egress	6. UXO Activities	2. Well Site	6. Other Shared Services	2. Notification
3. Clear/grub	7. SWPPP	3. Access Road	7. Other _____	3. Non-compliance
4. Grading	8. Other (specify) Mtg	4. Drainage Crossings		4. Non-compliance Resolution

Signature: [signature] 4/13/11

1500 tree removal finished for day. Plan to complete tree removal tomorrow in SS.

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:*	4/14/11
Starting Location and Activity:	Main Plant rd		*Site Code:*	Blythe
Weather:	Clear, sunny, warm, windy	*Start* 7:00AM	*Midday* 12:00	*End* 3:00PM
Rainfall?	*Temp:*	61	78	82
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?	☑Yes ☐ No ☐ N/A	presumed work areas
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	all staff trained
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles
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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: [signature]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
Sm mammal	burrows	Main Plant Rd.
harvester ants	foraging	"
common raven	flying	"
Side blotched lizard	running	Shared services
Zebra tailed lizard	"	"
western whiptail lizard	" foraging	"
sm mammal	burrows	"
harvester ants	foraging	"
Kit fox	scat, tracks, 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]
655	8	5	Mtg - safety, plan for day, stretch/flex. Plan to install 900' fence today, discuss tree removal in shared services.	1
750	3	3	Pre survey E side of Main Rd ROW in prep for DT fence install & clear/grub. No special status species observed. Coord w/ Kiewit on work activities.	
810	3	6	Tree removal in shared services. Plan to complete today.	
1320	3	6	Tree removal in shared services is complete. Backhoe inadvertently entered ~~backhoe~~ buffer approx 50 ft at N. extent. Did not see flagging tape in this area. No trees/veg were removed within buffer. Spoke to operator & his supervisor.	
1330	4	3	Backfilling DT fence along E boundary of Main Plant Rd. Inspected trench & fence.	
1500	4	3	Backfilling & grading complete. 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* Kiewit Office
6. *Other* Shared Services
7. *Other* _____

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

Signature: [signature] 4/14/11

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:	[illegible]		***Date:***	4/15/11
Starting Location and Activity:	Main Plant Rd		***Site Code:***	Blythe
Weather:	Clear, Sunny, warm, windy	***Start*** 7:00AM	***Midday*** 12 00	***End*** 3:00PM
Rainfall?	***Temp:***	61	83	88
Y (N)	***% Cloud Cover:***	3	6	6

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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☑Yes ☐ No ☐ N/A	Today last day
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles
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]	☑Yes ☐ No ☐ N/A	Fence/trench inspected before [illegible]
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	ROW clearly staked.
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☐ No ☐ N/A	
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑No ☐ N/A	NO spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: [illegible]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
horned larks	flying	Main Rd
common raven	flying	"
white winged dove	"	"
Merriams k-rat	running	"
side blotched lizard	"	"
western whiptail lizard	foraging	"
desert hairy scorpion	walking	"
sm. mammal	burrows	"

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]
655	8	5	Mtg - safety, plan, stretch flags. Plan to catch up on fencing. Need to clear & grub 1700'. Plan to install 800' DT fence today. I presurveyed work areas beforehand.	1
800	3	6	Tree removal in SS complete. I looked over area to ensure all trees have been removed outside buffer. Only saw a couple sm trees that are not of concern. Informed team. Plan to remove ~10 trees inside buffer after birds have flocked.	
900	4	3	Monitoring DT fence install @ Main Rd.	
1030	1	3	Coord. w/ Brent, Erick & John (Kent) on work activities in field. Looked around w/ birds later in day.	
1230	1	3	Informed that trench will need to be left open over weekend, both operators went home. Trench is V cut & end is 3:1 slope, this will facilitate escape by wildlife.	
1500	1	3	Fence work complete, trench open, departed 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* Kent office
6. *Other* ~~SWPPP~~
7. *Other* _____

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

Signature: [signature] 4/15/11

Biological Monitor:	[illegible]	*Date:*	4/15/11	
Starting Location and Activity:	Main Plant Rd	*Site Code:*	Blythe	
Weather:	clear, sunny, warm, windy	*Start* 7:00 AM	*Midday* 12:00	*End* 3:00 PM
Rainfall?	*Temp:*	61	83	88
Y (N)	*% Cloud Cover:*	3	6	6

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	☐Yes ☐ No ☐ N/A	
B) Any sensitive species observed inside fencing? Describe	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	☐Yes ☐ No ☐ N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Penned DT)		
Species, Location, and ID: Nesting bird (Shrike) buffer in Shared Services		
Condition	*Compliance?*	*Comments*
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass or encroachment of disturbance activities? Describe	☑Yes ☐ No ☐ N/A	Intact flagging, slight encroachment (50 ft) yesterday w/ Backhoe during tree removal
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	☑Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☑ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☑Yes ☐ No ☐ N/A	
E) Is adaptive management needed? Recommendations.	☐Yes ☑ No ☐ N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	☑Yes ☐ No ☐ 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?**
1	810	Main Rd	flying	0	N/A
1	1020	Main Rd	flying	0	N/A

Signature: [illegible]

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:	Raymond		**Date:**	4/18/11
Starting Location and Activity:	Main Haul Rd		**Site Code:**	Blythe
Weather:	clear, sunny, hot, ~~[illegible]~~ windy	**Start** 7:00 AM	**Midday** 12:00	**End** 3:00 PM
Rainfall?	**Temp:**	63	90	92
Y (N)	**% Cloud Cover:**	15	25	40

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

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

Signature: Raymond

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
Loggerhead shrike	flying	Black Creek Rd
Side blotched lizard	returning	Main Plant Rd
Zebra tailed lizard	foraging	"
western whiptail lizard	"	"
Sm. mammal	burrows, tracks, scat	"
harvester ants	foraging	"
beetles	"	"
walking stick	walking / resting	"
grasshopper	resting	"

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]
655	8	5	Meet mtg - safety plan, stretch flex. Backfill fence left open on Fri, install add'l fence on E side of ROW & clear grub is plan today.	1
750	1	6	Inspect 500' open trench w/ fencing prior to back fill. Resurvey area in anticipation of clear/grub for DT fencing on E side of ROW.	
1000	3	6	Monitor trench backfill & clear/grub w/ grader. New Arch monitor (Julie) onsite. She has been trained.	
1300	4	6	Grading ROW & leveling area.	
1500	4	6	Grading complete. Crew installed 300' DT fence today & cleared/grubbed 600' for tomorrow. 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* Kewit Office
6. *Other* Main Plant Rd
7. *Other* _____

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

Signature: Day Powers 4/18/11

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:	[illegible]	**Date:**	4/19/11	
Starting Location and Activity:	Wed Plant Rd.	**Site Code:**	Blythe	
Weather:	Sunny, hot, no wind	**Start** 7:00 AM	**Midday** 12:00	**End** 3:00 PM
Rainfall?	**Temp:**	63	89	93
Y (N)	**% Cloud Cover:**	20	35	35

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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	all staff trained
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☐Yes ☐ No ☑ N/A	outside season
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles/equip
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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	ROW clearly staked
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	Flushed Raven from 3" puddle on ROW.
L) Road kill removed, note species/location	☑Yes ☐ No ☐ N/A	horned lizard, shovel nose snake
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	trash can onsite w/lid
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	silt fencing intact
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: [illegible]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
Horned lizard	dead	Main Plant Rd
western whiptail	foraging	"
short nosed snake	dead	"
zebra tailed lizard	foraging	"
side blotched lizard	"	"
common raven	flying	"
sm mammal	burrows/tracks, scat	"
harvester ants	foraging	"
beetles	foraging, walking	"
kit fox	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]
0650	8	5	mtg - safety, planter day, stretch flag. Plan to install 600' DT fence & clear/grub 900'. Use backhoe to pick up stockpiled trees near bins in shared services & remove bins.	1
750	1	6	Pre-survey work areas including DT fencing & area to be cleared/grubbed.	
830	4/3	6	Monitor excavation of trench for fence & clear/grub of 900' area in prep for fence tomorrow.	
900	4/3	6	Raven flew overhead.	
940	4/3	6	Looks like same raven stopped & drank from 8" puddle of water along ROW. I flushed bird from ROW. Coord w/ John w/ Kiewit on work activities & nesting birds at wash.	
1030	3	6	Check on NKF burrow further S on ROW. Appears inactive & is w/in ~5' of E boundary of ROW. Will not be impacted.	
1150	3	7	With backhoe picking up & dumping last of stockpiled trees & placing in bin.	

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 Main Plant Rd.
7. Other Shared Services

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

Signature: [signature] 4/19/11

1300 work in shared services complete. Back @ Main Rd. Surveyed trench prior to back fill.
1500 Back fill & grading complete. Depart site. 1600 Attend Kiewit mtg.

Biological Monitor:	[illegible]		*Date:*	4/19/11
Starting Location and Activity:	Main Plant Rd/		*Site Code:*	*Blythe*
Weather:	Clear hot no wind	*Start* 7:00 AM	*Midday* 12:00	*End* 3:00 PM
Rainfall?	*Temp:*	63	88	93
Y (N)	*% Cloud Cover:*	20	35	35

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	☐Yes ☐ No ☐ N/A	
B) Any sensitive species observed inside fencing? Describe	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	☐Yes ☐ No ☐ N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Penned 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	☐Yes ☐ No ☐ N/A	
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) Is adaptive management needed? Recommendations.	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	☐Yes ☐ No ☐ 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?**
1	900	Mainrd	flying	none	N/A
1	940	Mainrd	flying/drinking	none	N/A

Signature: [illegible]

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:*	4/20/11
Starting Location and Activity:	Wash Plant Rd		*Site Code:*	Blythe
Weather:	Sunny, hot, no wind	*Start* 7:00AM	*Midday* 12:00	*End* 3:00PM
Rainfall?	*Temp:*	62	89	90
Y (N)	*% Cloud Cover:*	40	25	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?	☑Yes ☐ No ☐ N/A	no species of concern observed
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	stickers on hard hats
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☐Yes ☐ No ☑ N/A	outside season
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles/equip.
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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	ROW clearly staked
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	H2O truck used for dust control
L) Road kill removed, note species/location	☑Yes ☐ No ☐ N/A	desert iguana
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	trash contained onsite
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
Side blotched lizard	foraging	Main Rd
Sm mammal	burrows, tracks, scat	"
Min-pester ants	foraging	"
short nosed snake	unearthed during grub	"
common raven	flying	"
desert iguana	dead	"
horned lizard	foraging	"
western whiptail lizard	foraging	"
kit fox	burrow, scat	"
grasshoppers	hopping	"
beetles	foraging / walking	"

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]
655	8	5	mtg - safety, plan, stretch/flex, plan to install 900' DT fence & clear/grub 900' today.	1
745	1	6	the activity survey of work areas, including DT fencing & clear/grub. No sensitive species were observed. Trench cut for fencing & use of backhoe & grader to clear/grub after wards. Monitoring activities.	
830	1	6	Common raven flew over site.	
1235	4	6	Back filling trench w/ backhoe & grader. Grader on frontside & backhoe bucket reaching over fence to backfill on backside. Staying within ROW.	
1300	4	6	Coord w/ BLM 3rd party monitor. Notized McCoy biologists surveying next to our ROW.	
1500	4	6	Back fill & grading complete. 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 Unit office
6. Other Main Rd
7. Other _____

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

Signature: [signature] 4/20/11

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:*	4/21/11
Starting Location and Activity:	Main Plant Rd		*Site Code:*	Blythe
Weather:	Sunny, hot, windy	*Start* 7:00 AM	*Midday* 12:00	*End* 3:00 PM
Rainfall?	*Temp:*	65	87	91
Y (N)	*% Cloud Cover:*	15	15	20

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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☐Yes ☐ No ☑ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ 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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☑Yes ☐ No ☐ N/A	1-rat
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	Activity (of species)	Location
western whiptail lizard	foraging	Main Plant Rd
side blotched lizard	"	"
zebra tailed lizard	"	"
Sm. mammal	burrows, tracks, scat	"
bees	pollinating	"
harvester ants	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]
660	8	5	mtg - safety, plan for day, stretch/flex. Plan to install 900' of DT fence and clear/grub 900' along E boundary of Main Plant Rd ROW.	1
750			Inspect WBO buffer fencing. Fence & signage intact. No evidence of trespass	
820	1	6	Inspect & survey work areas including DT fencing & clear/grub. Did not observe sensitive species during survey.	
1000	3	6	Monitoring clear/grub & grading of work areas.	
1240	4	6	Backfilling trench w/ grader & backhoe.	
1500	4	6	Work activities complete. Depart site. Plan noise tests on equip during operation.	

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 Kent office
6. Other Main Rd
7. Other

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

Signature: [signature] 4/21/11

Biological Monitor:	Gary Donald	*Date:*	4/21/11	
Starting Location and Activity:	Main Haul Rd	*Site Code:*	Blythe	
Weather:	Sunny hot windy	*Start* 7:00 AM	*Midday* 12:00	*End* 3:00 PM
Rainfall?	*Temp:*	65	87	94
Y (N)	*% Cloud Cover:*	15	15	20

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	☐Yes ☐ No ☐ N/A	
B) Any sensitive species observed inside fencing? Describe	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	☐Yes ☐ No ☐ N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Penned DT)		
Species, Location, and ID: WBO 1 Buffer, N of const. yard. ~750 am check		
Condition	*Compliance?*	*Comments*
A) Are exclusionary fencing and erosion control measures intact, with no sign of trespass or encroachment of disturbance activities? Describe	☑Yes ☐ No ☐ N/A	Intact, signs still posted
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	☐Yes ☐ No ☑ N/A	Did not check
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☑ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☑Yes ☐ No ☐ N/A	
E) Is adaptive management needed? Recommendations.	☐Yes ☑ No ☐ N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	☑Yes ☐ No ☐ 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: Gary Donald

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:***	4/22/11
Starting Location and Activity:	Main Plant Rd		***Site Code:***	Blythe
Weather:	clear, sunny, hot, no wind	***Start*** 6:00 AM	***Midday*** 12:00	***End*** 2:00 PM
Rainfall?	***Temp:***	61	88	91
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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	lighting in const. yard
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☐Yes ☐ No ☑ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ N/A	magnets on vehicles
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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	ROW clearly staked.
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑ No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	Activity (of species)	Location
side blotched lizard	foraging	Main Rd
western whiptail lizard	" "	"
desert woodrat	running - midden rewood	"
common raven	flying / perching	Main Rd. — 0900
desert iguana	injured / running	"
15 m. mammal	burrows, tracks	"
harvester ants	foraging	"
dragon flies	flying	"
honey bees	pollinating	"

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]
550	8	5	mtg - safety plan for day, stretch / flex. Plan to install 900' DT fence and clear/grub 900' in prep for fencing on Mon. New work hours starting today - 0600 - 1430 due to increased temps.	1.
645	1	6	Presurveyed work areas. No sensitive species observed. Coord w/ John Krewt Supt on work activities. At part of ROW that becomes reduced from ~212' wide to ~100' wide.	
1000	1	6	Monitoring DT fence installation and clear/grub activities.	
1100	1	6	BLM Ranger onsite. Coord w/ Ranger on project work.	
1230	4	6	Back fill complete. Crew concentrated on area where fencing extends outward to accomodate a culvert. Surveyed & monitored activities.	

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

Signature: [signature] 4/22/11

1400 work completed. Depart site.

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:	Ricky Romero		***Date:***	4/25/11
Starting Location and Activity:	Main Plant Rd		***Site Code:***	***Blythe***
Weather:	Sunny, hot, slight wind	***Start*** 6:00AM	***Midday*** 12:00	***End*** 2:00PM
Rainfall?	***Temp:***	64	88	91
Y (N)	***% Cloud Cover:***	15	15	20

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

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

Signature: [signature]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
western whiptail lizard	foraging	Main Rd
zebra tailed lizard	"	"
side blotched lizard	"	"
colored lizard	"	"
blue gray gnatcatcher	perched	"
loggerhead shrike	"	"
Costas hummingbird	flying	"
sm mammal	burrows	"
horned lark	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]
0700	8	5	Survey nest locations in lg wash.	1
			Did not note activity at nests. Informal	
			Avoidance, so no can add to DFG memo.	
0800	1	5	Survey work areas including DT fencing	
			on clear/grub. Plan to stop ~300ft	
			N. of lg wash on E boundary fencing.	
			Need to clear/grub ~900" on W side	
			of ROW.	
0830	1	5	Raven observed flying near work activities	
1000	1	5	Coord. w/ Erick (Hewit Const Sup) on work	
			activities.	
1230	1	5	Installing fencing @ kick out for wash	
			culvert. DT fence being backfilled w/	
			grader.	
1400	1	5	Backfill complete. 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)* Surveys

Location (LOC)[2]
1. *DT Fence*
2. *Well Site*
3. *Access Road*
4. *Drainage Crossings*
5. *Other* Main Rd
6. *Other* _____
7. *Other* _____

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

Signature: [signature] 4/25/11

Biological Monitor:	[illegible]		*Date:*	4/25/11	
Starting Location and Activity:	Main Mainford		*Site Code:*	*Blythe*	
Weather:	Sunny Not Slight wind	*Start* 6:00 AM	*Midday* 12:00	*End* 2:00 PM	
Rainfall?	*Temp:*	64	88	91	
Y (N)	*% Cloud Cover:*	15	15	20	

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	☐Yes ☐ No ☐ N/A	
B) Any sensitive species observed inside fencing? Describe	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from ESA, posing no threat for siltation/debris entering into ESA? Describe	☐Yes ☐ No ☐ N/A	

Non-Disturbance Buffer Monitoring Section (Nesting birds, WBO occupied burrow, Penned 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	☐Yes ☐ No ☐ N/A	
B) Are sensitive species still present inside the fencing? Describe their status and behavior.	☐Yes ☐ No ☐ N/A	
C) Any sensitive species observed immediately outside fencing? Describe	☐Yes ☐ No ☐ N/A	
D) Does the current fencing configuration appear to sufficiently encompass the applicable resources? Describe	☐Yes ☐ No ☐ N/A	
E) Is adaptive management needed? Recommendations.	☐Yes ☐ No ☐ N/A	
F) Is all stockpiling kept away from buffer, posing no threat for siltation/debris entering into buffer? Describe	☐Yes ☐ No ☐ 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?**
1	0830	Main Rd	flying	None	N/A
1	0910	"	"	"	"

Signature: [illegible]

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:	Romero		**Date:**	4/26/11
Starting Location and Activity:	Main Plant Rd		**Site Code:**	Blythe
Weather:	Sunny, hot, windy	**Start** 6:00AM	**Midday** 12:00	**End** 2:00PM
Rainfall?	**Temp:**	64	89	90
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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☐Yes ☐ No ☑ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ 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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑ No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: [signature]

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
side blotched lizard	foraging	Wash
western whiptail lizard	"	"
common raven	flying	"
sm mammal	burrows	"
harvester ants	mounds	"

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]
550	8	5	Mtg - Safety, plan, stretch/flex. Plan to move to N side ROW to install DT fence.	1
700	1	6	Survey work areas. No sensitive resources seen.	
830	1	6	Coord w/ Brent (Kraut) on ROW layout in la wash, GPS locations of Kickout. Plan to submit letters CDFG regarding work in la wash containing nests. This info will be included in letter.	
1100	1	6	Coord w/ Earl on work activities for fencing.	
1115	1	6	Backfill and DT fence.	
1400	1	6	Grading and backfilling complete. 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* Kraut Office
6. *Other* Wash
7. *Other* _____

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

Signature: [signature] 4/26/11

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:**	4/27/11
Starting Location and Activity:	Main Plant Rd		**Site Code:**	Blythe
Weather:	Clear, sunny, hot, windy	**Start** 6:00 AM	**Midday** 12:00	**End** 2:00 PM
Rainfall?	**Temp:**	63	86	89
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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☐Yes ☐ No ☑ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ 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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑ No ☐ N/A	no roadkill observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
side blotched lizard	foraging	Main Rd
zebra tailed lizard	"	"
white footed wood rat	cavities	"
western whiptail lizard	foraging	"
sm mammal	burrows, scat	"
desert wood rat	midden, scat	"
Cooper's hawk	molted skin	"
heron	nests (2)	"
black tailed gnatcatcher	nest	"
harvester ants	foraging	"
dragonflies	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]
550	8	5	HSE - safety, plan, stretch/flex. Continue DT fencing along W boundary of Main Plant Rd ROW. No add'l clear/grub necessary today.	1
705	1	6	Inspect nests along wash. Adults & young were not seen or heard. Photodocumented nests & cavities.	
730	1	6	Inspect work area. No need for clear/grub today. Will excavate trench and backfill. Plan to install ~1200' of DT fence w/ silt fence on W boundary.	
1013	1	6	Left msg for Magdalena w/ DFG to follow up on nesting bird monitoring for Estrella.	
1130	1	6	Inspect trench prior to backfill. Coord w/ Erick & other staff on work activities.	
1330	1	6	Coord w/ Kevin land surveyor. Kick outs at wetlands are being restaked. No significant change in distances.	

Activity (ACT)[1]
1. DT Fencing
2. Access/egress
3. Clear/grub
4. Grading
5. Excavation
6. UXO Activities
7. SWPPP
8. Other (specify) HSE

Location (LOC)[2]
1. DT Fence
2. Well Site
3. Access Road
4. Drainage Crossings
5. Other Kevin's office
6. Other Main Rd
7. Other

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

Signature: [signature] 4/27/11

1400 Backfill complete. Depart site.

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:**	4/28/11
Starting Location and Activity:	Main Plant Rd		**Site Code:**	Blythe
Weather:	Sunny, breezy, hot	**Start** 6:00 AM	**Midday** 12:00	**End** 2:00 PM
Rainfall?	**Temp:**	65	95	98
Y (N)	**% Cloud Cover:**	0	10	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?	☑Yes ☐ No ☐ N/A	
B) Speed limit 25mph, no off road activity	☑Yes ☐ No ☐ N/A	
C) Crew trained on biological minimization measures?	☑Yes ☐ No ☐ N/A	
D) Construction activities outside of plant site designed to avoid impacts to biological resources	☑Yes ☐ No ☐ N/A	
E) Night lighting avoids wildlife habitat	☑Yes ☐ No ☐ N/A	
F) Noise levels less than 65 dBA between Feb 15 - Apr 15 (see COC for exceptions)	☐Yes ☐ No ☑ N/A	
G) Vehicles/equipment checked for DT prior to movement	☑Yes ☐ No ☐ 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]	☑Yes ☐ No ☐ N/A	
I) Construction outside of DT exclusion fence with AB/BM present	☑Yes ☐ No ☐ N/A	
J) Construction activity (including spoils/topsoil) and traffic ONLY within flagged areas	☑Yes ☐ No ☐ N/A	
K) No standing water, note check times/locations	☑Yes ☐ No ☐ N/A	
L) Road kill removed, note species/location	☐Yes ☑ No ☐ N/A	none observed
M) AB informed of hazardous spills with proper clean up/disposal, toxins avoided, hazardous materials stored in approved locations	☐Yes ☑ No ☐ N/A	no spills
N) Trash/food in sealed containers, removed daily	☑Yes ☐ No ☐ N/A	
O) No pets/firearms/weapons, wildlife not fed	☑Yes ☐ No ☐ N/A	
P) Erosion control (eg. silt fences) present and functioning	☑Yes ☐ No ☐ N/A	
Q) Cacti salvaged	☐Yes ☑ No ☐ N/A	
R) Special status species observed? Describe	☐Yes ☑ No ☐ N/A	
S) If present, are invasive weed species below reporting threshold? Describe (see Weed ID Guide Instructions)	☑Yes ☐ No ☐ N/A	
T) DT exclusion fence intact? Note any repairs made to fencing (see fence inspection timing details in BIO 9.d.).	☑Yes ☐ No ☐ N/A	

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

Signature: Ray Romero

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

Incidental Species Observed		
Species	**Activity (of species)**	**Location**
side blotched lizard	foraging	Main Rd
spiny lizard	"	"
Verdin	flying/perching	"
Raven	flying	"
Manchester cents	foraging	"
bees	pollinating	"
flies	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]
550	8	5	mtg - safety, plan, stretch/flex. Plan to install DT fence on both sides of Main Rd ROW N of lg wash.	1
700	1	6	Monitoring nests. ND activity observed. Looking closely at nests to determine presence of eggs or young. Adult Verdin returned to nest. Discontinued inspection of nest: too difficult to view within gnatcatcher nest.	
1350	1	6	Rec'd approval from NFG to continue fencing within lg. wash with existing holes. Informed staff. We will plan to clear & grub/DT fence in 600-700 ft on W. side of Main Rd ROW tomorrow.	
1400	1	6	Backfill of DT fence complete. Coord w/ Morgan on work activities. 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 Resort office
6. Other Main Rd
7. Other

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

Signature: [signature] 4/22/11

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:	~~4/29/11~~ [illegible]		*Date:*	4/29/11
Starting Location and Activity:	Main Plant Rd		*Site Code:*	Blythe
Weather:	Sunny, hot, slightly windy	*Start* 6:00 AM	*Midday* 12:00	*End* 2:00 PM
Rainfall?	*Temp:*	64	88	92
Y (N)	*% 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 McKinnon (937) 219-5242
In emergencies, dial 911

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

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

Signature: [signature]

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	Mann Rd
Gambel's quail	calling	"
ash throated flycatcher	perched	"
spiny lizard	foraging	"
side blotched lizard	"	"
western whiptail lizard	"	"
tarantula hawk	flying	"
harvester ants	foraging	"
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]
550	8	5	Mtg - safety plan, sketch/flag. Plan to install DT fencing along W. boundary of Mann Rd going thru wash with bird nests. Monitored dBA levels while working in area. During clear/grub w/ backhoe noise @ 68 dBA. Driving backhoe in area @ 55 dBA. Spent ~15 mins in wash bed performing clear/grub. Ash throated flycatcher landed nearby in ironwood tree, was foraging in area. Did not appear annoyed by work in area.	1
840	3/4	6	Backhoe work complete - grub. Grader working on clear/leveling ROW. Grader @ ~60 dBA from nest. Thr tow w/ backup well in ROW @ 70 dBA for short amt time.	
845	4	6	Grading of ROW complete.	
925	4	6	Start cutting V ditch (trench) for DT fence. Jessica (SWCA, Paloo) onsite.	
930	4	6	Coord w/ Amaldop & Morgan on work.	

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 Vent Office
6. Other Mann Rd
7. Other

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

Signature: [signature] 4/29/11

1100 Monitoring fence installation @ wash
1400 Work complete for day. Depart site.

ATTACHMENT 5

PRE-CONSTRUCTION SURVEY DATA FORMS

07093

Note: this table is for keeping track of easting/northing transects walked and initials of each surveyor walking the transect

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 04 / 30 / 2011 Construction to begin: / / Page 1 of 1

Site: BLYTHE Location: PHASE 1A - SOUTH SIDE Size of Survey Area: 380 ac Proposed Activity: _____

Pass 1/2/3	Survey Direction	UTM Start	UTM End
	N/S (easting)	0709070	0709365
	E/W (northing)	3728240	3728311
	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	1430	78	10-15	0% Cloud
Mid-day	1730	77	12-19	0% Cloud
End				

Surveyor	AB/BM	GPS	GPS w/ Data?
	AB/BM		Y/N
	AB/BM		Y/N
	AB/BM		Y/N
	AB/BM		Y/N
	AB/BM		Y/N

Burrow Clearance Data: NO KF OR BQ FOUND - PASS WEST TO EAST DIRECTION OR AB EAST TO WEST

GPS Data				Burrow Data					Other	
GPS Ident Code	Easting	Northing	Class (1-5)	Dimensions (WxHxD)	Orient-ation	Excavated ?	Nest check? ~	Ground Temp**	Observed Species^	Comments
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			

* Ambient temp measured 5 cm above ground surface in shade, protected from wind

** Ground temperature measured on ground surface, in full sun, with thermometer in shadow of observer

~ If tortoise nest site found, complete datasheet for nest excavation

^ If desert tortoise found in burrow, complete tortoise detection area on page 2

BLYTHE SOLAR POWER PROJECT NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Phase: 1A Location: Main Access Rd Size of Survey Area: _____ Survey Area Description: _____ Page 1 of 1

Survey Date: 4/1/2011 Scheduled Activity: Pre Con Survey Construction to begin (estimate): / /

GPS Unit	Surveyor	GPS Unit	Surveyor
1	JM		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	0955	90.1	1	Ø	5%
End	1010	91.0	1	Ø	5%

Sunrise/set 6:30 am/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete?	If surveys complete action required? (N=none, B=buffer)
[redacted]	Unknown	0705296 3724117	1 (2)	none	NA	Old Nest - Remove	—	(Y) N	(N) Removed
BNE1W1006		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] **Nesting Bird Activity or Evidence Present:** DD-distraction display, CB- courtship behavior, Ag- agitated behavior, anxiety, or distress calls; FM-fresh nesting material, E-eggs, I- incubating female, C-chicks present, F- fledglings present, Pr-fresh prey remains, Ef-Eggshell fragments, NONE-no sign detected.

[3] **Nest Status: A = Active** [confirmed by visual detection of adult birds building (AB), eggs (AE), sitting on nest (AI), or caring for young (AY)], **PA = Potentially Active** (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), **NA = Not Active** (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments: If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Site: BSPP Location: North/South Connector Road Size of Survey Area: _____ Proposed Activity: DETO Fence Page 1 of 2

Survey Date: 4/7/2011 Construction to begin (estimate): In progress

GPS Unit	Surveyor	GPS Unit	Surveyor
GPS 4	Andrew Fisher		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	1200	76°F	5	Ø	Ø
End	1600	75°F	4	Ø	Ø

Sunrise/set 0620 am/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete ?	If surveys complete action required? (N=none, B=buffer)
BAFCW001	CACW	708619 / 3724933	1 2	Ag/I	AI	adult C active with food vocalizing inside nest (offsite)		Y N	N B
BAFLS001	LOSH	708273 / 3724760	1 2	NONE	NA	old + inactive - nest removed.		Y N	N B
BAFLS002	LOSH	708664 / 3724392	1 2	I/C	AI	♀ LOSH on nest w/ 5-6 very young chicks (1+2 days old) (offsite)		Y N	N B
BAFLS003	LOSH	708210 / 3724373	1 2	NONE	NA	Old LOSH Nest - left in place. Inactive		Y N	N B
BAFVE001	VERD	708514 / 3724231	1 2	NONE	NA	Old Verdin nest w/ feathers - no eggs, in mistletoe, inaccessible		Y N	N B
BAFVE002	VERD	708698 / 3724024	1 2	NONE	NA	Old Verdin Nest - nest removed Inactive - nest removed		Y N	N B
BAFVE003	VERD	708697 / 3724210	1 2	NONE	NA	Old Verdin Nest - left in place since it was offsite.		Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., ABBSD001). See page 3 for nomenclature and codes.

[2] **Nesting Bird Activity or Evidence Present: DD**-distraction display, **CB**- courtship behavior, **Ag**- agitated behavior, anxiety, or distress calls; **FM**-fresh nesting material, **E**-eggs, **I**- incubating female, **C**-chicks present, **F**- fledglings present, **Pr**-fresh prey remains, **Ef**-Eggshell fragments, **NONE**-no sign detected.

[3] **Nest Status: A = Active** [confirmed by visual detection of adult birds building (**AB**), sitting on nest (**AI**), or caring for young (**AY**)], **PA = Potentially Active** (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), **NA = Not Active** (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments: If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

Reviewed by surveyor (initials, date): ABF 4-7-11 *Approved by team leader (initials, date):* _____

Site: BSPP DT____ Bird ✓ Mammal____ WBO____ Location: North/South Connector Road Survey Date: 4/7/11

Other Species Detected (list sensitive wildlife species and plants detected as well as incidentals. For special-status that are to be avoided, salvaged, or relocated in association with the construction phase record IDENT Code, GPS Coordinates, and relevant notes [e.g., nesting]):

HOLA, PALIO, LOSH, VERD

Additional Comments/Notes:

Reviewed by surveyor (initials, date): ADF 4-9-11 *Approved by team leader (initials, date):*_____

NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Site: BSPP Location: North/South Road Size of Survey Area: _____ Proposed Activity: DETO Fence Page 1 of 2

Survey Date: 4/18/2011 Construction to begin (estimate): In Progress

GPS Unit	Surveyor	GPS Unit	Surveyor
GTFH	Andrew Fisher		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	0800	55°F	3	Ø	100%
End	1220	57°F	1	Ø	100%

Sunrise/set 0620 am/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete ?	If surveys complete action required? (N=none, B=buffer)
BBGNEA001	BTGN	708369 / 3723899	1 2	I/FM	AI	♀ Black-Tailed gnatcatcher on nest high up in fork of Palo Verde		Y N	N B
BCHNEA001	COHU	708394 / 3723898	1 2	DD/Ag	PA	♀ Vocalizing by Palo Verde - no nest observed yet - West side of tree - Keep checking		Y N	N B
BNEAF002 ~~BNEAF001~~	Unknown Bird	708455 / 3723899	1 2	NONE	NA	Very old, LOST HORNED LARK nest in Palo Verde. Nest removed		Y N	N B
BNEAF001	Nest Cavity	708523 / 3723885	1 2	NONE	NA	Nest cavity - no birds observed potential for ATFL, LBWO - Keep checking		Y N	N B
BNEJM001	VERD	708521 / 3723894	1 2	DD/Ag	A	Verdin nest w/ male calling in vicinity		Y N	N B
BNEJM002	Nest Cavity	708555 / 3723865	1 2	DD/Ag	PA	♀ Ladder-back woodpecker vocalizing from adjacent branch		Y N	N B
		/	1 2			Active - Clothesed. Cavity is fresh & about 35 feet up tree		Y N	N B
BNEJM003	Nest Cavity	708538 / 3723876	1 2	none	NA	Nest Cavity - no activity observed. Keep checking - potential for ATFL, LBWO.		Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., ABBSD001). See page 3 for nomenclature and codes.

[2] **Nesting Bird Activity or Evidence Present: DD**-distraction display, **CB**- courtship behavior, **Ag**- agitated behavior, anxiety, or distress calls; **FM**-fresh nesting material, **E**-eggs, **I**- incubating female, **C**-chicks present, **F**- fledglings present, **Pr**-fresh prey remains, **Ef**-Eggshell fragments, **NONE**-no sign detected.

[3] **Nest Status: A = Active** [confirmed by visual detection of adult birds building (**AB**), sitting on nest (**AI**), or caring for young (**AY**)], **PA = Potentially Active** (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), **NA = Not Active** (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments: If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

Reviewed by surveyor (initials, date): AFL 4-8-11 *Approved by team leader (initials, date):* _____

Site: BSPP DT____ Bird ✓ Mammal____ WBO____ Location: North/South Main Road Survey Date: 04/08/2011

Other Species Detected (list sensitive wildlife species and plants detected as well as incidentals. For special-status that are to be avoided, salvaged, or relocated in association with the construction phase record IDENT Code, GPS Coordinates, and relevant notes [e.g., nesting]):

Common poorwill, Verdin, Ash-Throated flycatcher, Yellow-rumped warbler, Black-Tailed gnatcatcher, Costa's hummer, Anna's hummer, Ladder-backed woodpecker, OCWA, Chipping Sparrow, WBSP, Brewer's sparrow, PRFA

Additional Comments/Notes:

Reviewed by surveyor (initials, date): AFE 4-8-11 *Approved by team leader (initials, date):*_____

NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Location: BLYTHE ACCESS ROAD SOUTH TO I-10 Size of Survey Area: _____ Proposed Activity: DT, FENCE Page 1 of 2

Date: 4/14/2011 Construction to begin (estimate): ___/___/___

GPS Unit	Surveyor	GPS Unit	Surveyor
GARMIN 14	JMC		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	0830	64°	4	Ø	0%
End	1545	77°	4	Ø	0%

Sunrise/set 0600 am/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete?	If surveys complete action required? (N=none, B=buffer)
~~BNEJM001~~	LOSH or THRASHER?	0708448 / 3723348	~~1~~ 2	NONE		OLD BROKEN APART NEST Possibly never finished building	N	Y N	N B
BNEJM001		/	1 2			~~[illegible]~~ LOSH OR THRASHER NEST Likely		Y N	N B
BLNJM002	LOSH	0708328 / 3723244	1 2	NONE	PA ~~NA~~	Possible last year's nest. No sign of birds in area	N	Y N	N B
~~[illegible]~~		/	1 2					Y N	N B
BNEJM003	Unknown Possible MODO?	0708460 / 3723111	1 2	NONE	PA	Potentially last year's nest	N	Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] **Nesting Bird Activity or Evidence Present:** DD-distraction display, CB- courtship behavior, Ag- agitated behavior, anxiety, or distress calls; FM-fresh nesting material, E-eggs, I- incubating female, C-chicks present, F- fledglings present, Pr-fresh prey remains, Ef-Eggshell fragments, NONE-no sign detected.

[3] **Nest Status: A = Active** [confirmed by visual detection of adult birds building (AB), sitting on nest (AI), or caring for young (AY)], **PA = Potentially Active** (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), **NA = Not Active** (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments: If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

Reviewed by surveyor (initials, date): JM 4/14/11 *Approved by team leader (initials, date):* _____

Bird

Site: BLYTHE **Location:** ACCESS RD SOUTH TO I-10 **Survey Date:** 4/14/2011

Other Species Detected (list sensitive wildlife species and plants detected as well as incidentals. For special-status that are to be avoided, salvaged, or relocated in association with the construction phase record IDENT Code, GPS Coordinates, and relevant notes [e.g., nesting]):

ATFL
WCSP
OSPR - (Photo)
VERA
WIWA
MACW
LENI
GAQU

AMKE ♂ w/ LIZARD
AUWA
TOWA
BRSP

Additional Comments/Notes:

No PHOTO's of any nests were taken -
They are still intact as where not confirmed inactive -
Photo's will be taken on the next survey -

*Reviewed by surveyor (initials, date):*_____ *Approved by team leader (initials, date):*_____

NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Site: BLYTHE Location: ACCESS ROAD TO I-10 Size of Survey Area: _____ Proposed Activity: DT. FENCE Page 1 of 2

Survey Date: 4/15/11 Construction to begin (estimate): / /

GPS Unit	Surveyor	GPS Unit	Surveyor
GARMIN 14	JMC		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	0750	68°	3	Ø	0%
End	1300	89°	3	Ø	0%

Sunrise/set 0559 (am)/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete?	If surveys complete action required? (N=none, B=buffer)
BNEJM004	UNKNOWN - BTGN?	0708581 / 3722607	(1) 2	NONE	PA	Approx. 3 meters above ground small cup nest. Looks fresh?	N	Y (N)	N B
BBNJM005	BTGN	0708548 / 3722623	(1) 2	I	A	Small cup on east side of tree. 1.5 meters off ground	N	Y (N)	N B
BVNJM006	VERD	0708368 / 3722576	(1) 2	DD, AG	A	NEW nest - WATCHED VERDIN ENTER	N	Y (N)	N B
BVNJM007	VERD	0708374 / 3722520	(1) 2	DD	PA	Possibly last year's nest? New VERDIN nest nearby -	N	Y (N)	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] Nesting Bird Activity or Evidence Present: DD-distraction display, CB- courtship behavior, Ag- agitated behavior, anxiety, or distress calls; FM-fresh nesting material, E-eggs, I- incubating female, C-chicks present, F- fledglings present, Pr-fresh prey remains, Ef-Eggshell fragments, NONE-no sign detected.

[3] Nest Status: A = Active [confirmed by visual detection of adult birds building (AB), sitting on nest (AI), or caring for young (AY)], PA = Potentially Active (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), NA = Not Active (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments: If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

Reviewed by surveyor (initials, date): JM 4/15/11 *Approved by team leader (initials, date):* _____

Site: BLYTHE Location: ACCESS ROAD SOUTH to I-10 Survey Date: 4/15/11

Bird

Other Species Detected (list sensitive wildlife species and plants detected as well as incidentals. For special-status that are to be avoided, salvaged, or relocated in association with the construction phase record IDENT Code, GPS Coordinates, and relevant notes [e.g., nesting]):

AUWA
CHSP
LOSH
LENI
VERD
CLSW (18) + 2 + 50 - Big push of this species
ATFL

OSPR - 1000 meters west of survey Boundary
TUVU
NRWS
BTGN
BRSP
HOFI

Additional Comments/Notes:

Reviewed by surveyor (initials, date): BM 4/15/11 *Approved by team leader (initials, date):*

BLYTHE SOLAR POWER PROJECT NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Phase: _____ **Location:** North/South Main Road **Size of Survey Area:** _____ **Survey Area Description:** _____

Survey Date: 4/29/2011 **Scheduled Activity:** DETO FENCE **Construction to begin (estimate):** In progress

GPS Unit	Surveyor	GPS Unit	Surveyor
GTF 4	Andrew Fisher		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	0900	78	Ø	Ø	Ø
End	1245	92	2 W	Ø	Ø

~~Sunrise~~/set 0545 ~~am~~/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete?	If surveys complete action required? (N=none, B=buffer)
BNEJM001	Unknown	3723347 1708450	1 (2)	None	NA	Old Nest - inactive, no birds around - Nest REMOVED		(Y) N	(N) B
BLNJM002	LOSA	3723243 1708329	1 (2)	None	NA			(Y) N	(N) B
BNEJM003	Unknown	3723111 1708461	1 (2)	None	NA			(Y) N	(N) B
BNEAF001	Unknown	3723164 1708446	1 (2)	None	NA			(Y) N	(N) B
B-YNESTS1	Various-Unknown	3722693 1708279	1 (2)	None	NA			(Y) N	(N) B
BVNJM006	Verdin	3722575 1708369	1 (2)	DD/Ag	PA	Adult flying around vocalizing Fresh nesting material, can't see into the nest.		Y (N)	N (B)
BVNJM007	Verdin	3722519 1708375	1 (2)	None	NA	Old Nest - inactive - Nest Removed		(Y) N	(N) B
BVNAF001	Verdin	3722551 1708365	1 (2)	DD/Ag	PA	Adult flying around calling. FM in Nest, can't see into Nest.		Y (N)	N (B)
BNEJM004	Verdin	3722607 1708582	1 (2)	None	NA	Old Nest - inactive - Nest Removed		(Y) N	(N) B
BBNJM005	BTGN	3722623 1708549	1 (2)	C	Ag	5 Chicks being actively fed by adults 7-9 days old		Y (N)	N (B)
BVNAF002	Verdin	3722334 1708390	1 (2)	DD/Ag	PA	3 Verdin Nests in Same tree with adult calling nearby		Y (N)	N (B)

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] **Nesting Bird Activity or Evidence Present: DD**-distraction display, **CB**- courtship behavior, **Ag**- agitated behavior, anxiety, or distress calls; **FM**-fresh nesting material, **E**-eggs, **I**- incubating female, **C**-chicks present, **F**- fledglings present, **Pr**-fresh prey remains, **Ef**-Eggshell fragments, **NONE**-no sign detected.

[3] **Nest Status: A = Active** [confirmed by visual detection of adult birds building (**AB**), eggs (**AE**), sitting on nest (**AI**), or caring for young (**AY**)], **PA = Potentially Active** (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), **NA = Not Active** (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments: If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

BLYTHE SOLAR POWER PROJECT NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Phase:_____ Location: North/South Main Road Size of Survey Area:_____ Survey Area Description: _____ Page 2 of 3

Survey Date: 4/29/11 Scheduled Activity: DETO Fence Construction to begin (estimate): In progress

GPS Unit	Surveyor	GPS Unit	Surveyor
4	Andrew Fisher		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	ON PAGE 1				
End					

Sunrise/set _____ am/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete?	If surveys complete action required? (N=none, B=buffer)
BNEAF002	Unknown	3722358 1708420	(1) 2	None	NA	2 small old stick nests - no birds nearby - Nest Removed		(Y) N	(N) B
BYNAF003	Verdin	3722308 1708474	(1) 2	DD/Ag	PA	2 Verdin nests in tree w/ adult nearby		Y (N)	N (B)
BLNHAF001	LNHA	3722473 1708321	(1) 2	DD/Ag	PA	Pair of Lesser nighthawks flushed from small creosote w/ lots of scat under bush		Y (N)	N (B)
BLNAF001	LOSH	3722165 1708546	(1) 2	None	NA	Old LOSH nest - inactive Nest Removed		(Y) N	(N) B
BLNAF002	LOSH	3722121 1708658	(1) 2	None	NA	Old LOSH Nest - inactive Nest Removed		(Y) N	(N) B
BNEAF003	Unknown	3722255 1708557	(1) 2	None	NA	Old nest w/ no new material or birds nearby - Nest Removed.		(Y) N	(N) B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] Nesting Bird Activity or Evidence Present: DD-distraction display, CB- courtship behavior, Ag- agitated behavior, anxiety, or distress calls; FM-fresh nesting material, E-eggs, I- incubating female, C-chicks present, F- fledglings present, Pr-fresh prey remains, Ef-Eggshell fragments, NONE-no sign detected.

[3] Nest Status: A = Active [confirmed by visual detection of adult birds building (AB), eggs (AE), sitting on nest (AI), or caring for young (AY)], PA = Potentially Active (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), NA = Not Active (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments: If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

Surveyors: AFI **Location:** North/South Main Road **Survey Date:** 04/29/11

Other Species Detected (list sensitive wildlife species and plants detected as well as incidentals. For special-status that are to be avoided, salvaged, or relocated in association with the construction phase record IDENT Code, GPS Coordinates, and relevant notes [e.g., nesting]):

TAVU BTGN, VERD, ATFL, Lesser nighthawk, COHU, western whiptail desert iguana, side-blotched lizard

Additional Comments/Notes (use additional pages; please do not write on the back of this page):

NESTING BIRD PRE-CONSTRUCTION SURVEY DATA SHEET

Site: BLYTHE Location: ROW Size of Survey Area: _____ Proposed Activity: _____ Page 1 of 1

Survey Date: 04/29/11 Construction to begin (estimate): / /

GPS Unit	Surveyor	GPS Unit	Surveyor
PERSONAL	ERIK SERMON		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start					
End					

Sunrise/set _____ am/pm

Potential Nests:

Nest ID (GPS IDENT Code*)	Bird Species	GPS Coordinates for Nest Site (NAD 83 Zn 11N)	Survey # (1 or 2)	Nesting activity/ evidence observed[2]	Current Nest Status[3] (AB, AI, PA, NA)	Comments (Note nest characteristics and type, stage, and condition [fresh material, etc.]. If present, # of birds, age, behavior, etc.)[4]	Photo Ref	Surveys for Nest complete?	If surveys complete action required? (N=none, B=buffer)
BNEAR001	VERDIN	0708474 / 3722358	1 2	PA AG	PA	VERDIN SEEN OB/ENTERING BIG ± 15M AWAY		Y N	N B
NOTE. WEST OF VERDIN 40M BLACK TAILED GNAT CATCHER OB/SERVED WITH AGITATED BEHAVIOR IN			1	BLNEYA &	BLUE	SCAT & FEATHER PRESENT PALO VERDE - COULD NOT FIND NEST (OUTSIDE ROW)		Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B
		/	1 2					Y N	N B

*IDENT Code: the unique 8-digit code that identifies the individual nest within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] Nesting Bird Activity or Evidence Present: DD-distraction display, CB- courtship behavior, Ag- agitated behavior, anxiety, or distress calls; FM-fresh nesting material, E-eggs, I- incubating female, C-chicks present, F- fledglings present, Pr-fresh prey remains, Ef-Eggshell fragments, NONE-no sign detected.

[3] Nest Status: A = Active [confirmed by visual detection of adult birds building (AB), sitting on nest (AI), or caring for young (AY)], PA = Potentially Active (current activity not confirmed, but sign or adult behavior indicates possible recent use or presence of nest where contents are uncertain), NA = Not Active (no birds observed at or near nest exhibiting breeding behavior and no fresh nesting material present).

[4] Comments. If birds are observed at the nest or in the vicinity, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and determine the nesting stage. Use the notes section below to add detail and map out the nest/adjacent areas being used by the birds. This is important to determine appropriate buffer zones.

Reviewed by surveyor (initials, date): _____ *Approved by team leader (initials, date):* _____

BLYTHE SOLAR POWER PROJECT DESERT KIT FOX AND AMERICAN BADGER PRE-CONSTRUCTION *FOCUSED* SURVEY DATA SHEET

Phase: 1A Location: Main Access Road Size of Survey Area: _____ Survey Area Description: _____ Page 1 of 1

Survey Date: 4/1/2011 Scheduled Activity: Pre Con Surveys Construction to begin (estimate): / /

GPS Unit	Surveyor	GPS Unit	Surveyor
1	JM		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	0855	84.1	1	0	5%
End	0920	88.5	1	0	5%

Sunrise/set 6:30 am/pm

Potential Burrows:

Original Burrow ID (GPS IDENT Code*)	GPS Coordinates for Burrow (NAD 83 Zn 11N)	Monitoring Visit # (1, 2, or 3)	Camera or Track Station? (C= camera, TS=track station)	Original sign observed @ burrow[2]	Identify new sign[2]	Current Burrow Status[3] (O, PA, S, NS)	Comments (Note burrow characteristics and sign condition [fresh, etc.]. If present, # of animals, age, behavior, etc.)[4]	Photo Ref	Surveys for mammals complete (disposition of burrow)?
BMAMK003	0708366 3724677	1 2 (3)	C	photos/ scat	No new sign	S	Ground Squirrel seen perched next to burrow in image taken. No images from night.	IMG_1001	(Y) N
BMAMK018	0708441 3724622	1 2 (3)	C	none	No sign	S	only one image taken. No animal seen in image.	IMG_0001-0013	(Y) N
	/	1 2 3							Y N
	/	1 2 3							Y N
	/	1 2 3							Y N
	/	1 2 3							Y N
	/	1 2 3							Y N
	/	1 2 3							Y N
	/	1 2 3							Y N
	/	1 2 3							Y N
	/	1 2 3							Y N

*IDENT Code: the unique 8-digit code that identifies the individual burrow or burrow complex within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] **Individual or Sign Present: AB**-American badger, **KF**-desert kit fox, **AS**-AB scat, **KS**-KF scat, **KT**- KF Tracks, **AT**-AB tracks, **B**- Bones (from degraded scat), **F**-Fur, **Pr**-prey remains, **NONE**-no sign detected.

[3] **Burrow Status: O = Occupied** (occupancy is confirmed by visual detection of AB or KF), **PA = Potentially Active** (AB or KF occupancy not confirmed, but sign indicates possible use), **S = Suitable** (No evidence of recent use by AB or KF but burrow is suitable), **NS = Not Suitable** (burrow not suitable for AB or KF).

[4] Comments: If WBO are observed, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and which burrows they are using. Use the notes section below to add detail and map out the areas/burrows being used by the birds. This is important to focus relocation efforts. If suitability changes from a previous survey, clearly describe why it has been revised or the change in conditions.

DESERT KIT FOX AND AMERICAN BADGER PRE-CONSTRUCTION *FOCUSED* SURVEY DATA SHEET

Site: BLYTHE Location: ROW Size of Survey Area: _____ Proposed Activity: _____ Page 1 of 1

Survey Date: ~~04/29/2011~~ 04 30 2011 ct Construction to begin (estimate): / /

GPS Unit	Surveyor	GPS Unit	Surveyor
	ERIC GERMAN		
	~~TIM~~ TINA POOLE		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	1830	77	3-9 mph		0%
End	1930	71	3-9 mph		0%

Sunrise/set _____ am/pm

Potential Burrows:

Original Burrow ID (GPS IDENT Code*)	GPS Coordinates for Burrow (NAD 83 Zn 11N)	Monitoring Visit # (1, 2, or 3)	Camera or Track Station? (C= camera, TS=track station)	Original sign observed @ burrow[2]	Identify new sign[2]	Current Burrow Status[3] (A, PA, S, NS)	Comments (Note burrow characteristics and sign condition [fresh, etc.]. If present, # of animals, age, behavior, etc.)[4]	Photo Ref	Surveys for mammals complete ?	If surveys complete action required? (N=none, S=scoping, PR=passive relocation)
BKB(G001	0708459 3721914	(1) 2 3	C	11/10 KF OBSERVED 04/29/11 → SCAT			CAMERA SET UP 4/29/11 @ 1700		Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR B
	/	1 2 3							Y N	N S PR B

*IDENT Code: the unique 8-digit code that identifies the individual burrow or burrow complex within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] **Individual or Sign Present: AB**-American badger, **KF**-desert kit fox, **AS**-AB scat, **KS**-KF scat, **KT**- KF Tracks, **AT**-AB tracks, **B**- Bones (from degraded scat), **F**-Fur, **Pr**-prey remains, **NONE**-no sign detected.

[3] **Burrow Status: A = Active** (occupancy is confirmed by visual detection of AB or KF), **PA = Potentially Active** (AB or KF occupancy not confirmed, but sign indicates possible use), **S = Suitable** (No evidence of recent use by AB or KF but burrow is suitable), **NS = Not Suitable** (burrow not suitable for AB or KF).

[4] Comments: If WBO are observed, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and which burrows they are using. Use the notes section below to add detail and map out the areas/burrows being used by the birds. This is important to focus relocation efforts.

Reviewed by surveyor (initials, date): _____ *Approved by team leader (initials, date):* _____

BURROWING OWL, AMERICAN BADGER AND DESERT KIT FOX PRE-CONSTRUCTION *TRANSECT* SURVEY DATA SHEET

Site: BLYTHE Location: ROW Size of Survey Area: _____ Proposed Activity: _____ Page 1 of 1

Survey Date: 04/29/11 Construction to begin (estimate): / /

GPS Unit	Surveyor	GPS Unit	Surveyor
PERSONAL	MILO RIVERA		
PERSONAL	MIKE RATHBUN		
PERSONAL	ERIK GERMAN		

	Time	Temp (°F)	Wind (mph, or Beaufort)	Precip.	Cloud Cover (%)
Start					
Mid-day	13:00	88°	0-7 MPH		0% CLEAR
End	17:20	92°	3-7 MPH		0% CLEAR

Potential Burrows:

Burrow ID (GPS IDENT Code*)	GPS Coordinates for Burrows (NAD 83 Zn 11N)	Burrow complex? (Y/N)	Burrow Width, Height and Depth (in.) (W x H x D)	Individual or Sign Present[2] (list all that apply)	Burrow Status[3] (A, PA, S, NS) BO	AB	KF	Comments (Note burrow characteristics and sign condition [fresh, etc.]. If present, # of animals, behavior, etc.)	Photo Ref	Burrows in Buffer (distance from footprint in feet)	Focused surveys req'd? (circle species)
BKBG001	0708459 / 3721914	(Y) N	6 openings 25 x 25 cm	SCAT, TRACKS	S	S	S	COMPLEX 20 Meters x 20 Meters, 7 openings, tracks in burrow, scat - IN BUFFER		40 feet from ROW	None BO AB (KF)
BBOMR001	0708477 / 3721436	(Y) N	20x20x?	SCAT PELLET	S	S	S	RELATED TO BKBMR001 WHITE WASH - IN BUFFER		20' W	None (BO) AB KF
BKBMR001	0708478 / 3721440	(Y) N	15x20x?	SCAT TRACKS	S	S	S	CAMERA SPOT? - IN BUFFER		20' W	None BO AB (KF)
BOONR001	0708502 / 3721950	Y N						POSSIBLE HARWOOD VETCH + 3 MORE 3 PLANTS WITHIN 4 FOOT		5M NW	None BO AB KF
START (a)	11S 0708513 / 3722180	Y N	FENCE LINES MOVE EAST ABOUT 15 M								None BO AB KF
DETOUR END	11S 0708513 / 3722332	Y N	BUFFER SURVEY FOR AB, KF, & BO								None BO AB KF
DETOUR START	0708493 / 3723281	Y N									None BO AB KF
END	0708491 / 3723325	Y N									None BO AB KF
	/	Y N									None BO AB KF
	/	Y N									None BO AB KF
BLACK TAILED GNAT CATCHER		Y N									None BO AB KF

*IDENT Code: the unique 8-digit code that identifies the individual burrow or burrow complex within the project site (e.g., PBBSD001). See page 4 for nomenclature and codes.

[1]Does the Burrow ID represent a complex of multiple burrows? Y = Yes, multiple burrows forming a complex are represented by this Code; N = No, only one burrow is represented by this Code.

[2] Animal or Sign Present: AB-Badger, KF-Desert Kit Fox, ABT-Badger tracks, KFT-Kit fox tracks, ABS - Badger scat, KFS - Kit fox scat, ABC - Badger claw marks, NONE-no sign detected.

[2] BUOW or Sign Present: BO-Owl, W-Whitewash, P-Pellets, BT- BUOW Tracks, B- Bones (from degraded pellets), F-Feathers, Pr-prey remains, Ef-Eggshell fragments, St-Sticks, NONE-no sign detected.

[3]Burrow Status: A = Active (occupancy is confirmed by visual detection of owl, fox or badger at burrow), PA = Potentially Active (owl, fox or badger occupancy not confirmed, but sign indicates possible use), S = Suitable (No evidence of recent use by owl, fox or badger, but burrow is suitable), NS = Not Suitable (burrow not suitable for owl, fox or badger).

SIDE BLOTCH (UTA) DESERT HORN LIZARD ZEBRA TAIL
TURKEY VULTURE DESERT IGUANA
WHIPTAIL

Reviewed by surveyor (initials, date): VGRBIN *Approved by team leader (initials, date):* _____

ASH THROATED FLYCATCHER

DESERT KIT FOX AND AMERICAN BADGER PRE-CONSTRUCTION *FOCUSED* SURVEY DATA SHEET

Site: BLYTHE Location: ROW Size of Survey Area: _____ Proposed Activity: _____ Page 1 of 1

Survey Date: 04/30/2011 Construction to begin (estimate): ___/___/___

GPS Unit	Surveyor	GPS Unit	Surveyor
	M. RATHBUN		
	M. RIVERA		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	18:30	77°F	3-9 mph	0%	0%
End	19:30	71°F	3-9 mph	0%	0%

Sunrise/set _____ am/pm

Potential Burrows:

Original Burrow ID (GPS IDENT Code*)	GPS Coordinates for Burrow (NAD 83 Zn 11N)	Monitoring Visit # (1, 2, or 3)	Camera or Track Station? (C= camera, TS=track station)	Original sign observed @ burrow[2]	Identify new sign[2]	Current Burrow Status[3] (A, PA, S, NS)	Comments (Note burrow characteristics and sign condition [fresh, etc.]. If present, # of animals, age, behavior, etc.)[4]	Photo Ref	Surveys for mammals complete ?	If surveys complete action required? (N=none, S=scoping, PR=passive relocation)
BKBMR001	0708478 3721440	(1) 2 3	C	4/29/11 TRACKS	NO	PA	SOME TRACKS, NO SCAT, NO ANIMALS SEEN	NO	Y (N)	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR
	/	1 2 3							Y N	N S PR B
	/	1 2 3							Y N	N S PR B

*IDENT Code: the unique 8-digit code that identifies the individual burrow or burrow complex within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] **Individual or Sign Present: AB**-American badger, **KF**-desert kit fox, **AS**-AB scat, **KS**-KF scat, **KT**- KF Tracks, **AT**-AB tracks, **B**- Bones (from degraded scat), **F**-Fur, **Pr**-prey remains, **NONE**-no sign detected.

[3] **Burrow Status: A = Active** (occupancy is confirmed by visual detection of AB or KF), **PA = Potentially Active** (AB or KF occupancy not confirmed, but sign indicates possible use), **S = Suitable** (No evidence of recent use by AB or KF but burrow is suitable), **NS = Not Suitable** (burrow not suitable for AB or KF).

[4] Comments: If WBO are observed, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and which burrows they are using. Use the notes section below to add detail and map out the areas/burrows being used by the birds. This is important to focus relocation efforts.

Reviewed by surveyor (initials, date): _____ *Approved by team leader (initials, date):* _____

BURROWING OWL, AMERICAN BADGER AND DESERT KIT FOX PRE-CONSTRUCTION *TRANSECT* SURVEY DATA SHEET

Site: BLYTHE Location: ROW Size of Survey Area: _____ Proposed Activity: _____ Page 1 of 1

Survey Date: 04/30/2011 Construction to begin (estimate): / /

GPS Unit	Surveyor	GPS Unit	Surveyor
PERSONAL	TINA POOLE	PERSONAL	ERI GERMAN
PERSONAL	MIKE RAHMAN		
PERSONAL	MILO RIVERA		

	Time	Temp (°F)	Wind (mph, or Beaufort)	Precip.	Cloud Cover (%)
Start	07:45	61	12-18		0% CLEAR
Mid-day					
End					

Potential Burrows:

Burrow ID (GPS IDENT Code*)	GPS Coordinates for Burrows (NAD 83 Zn 11N)	Burrow complex? (Y/N)	Burrow Width, Height and Depth (in.) (W x H x D)	Individual or Sign Present[2] (list all that apply)	Burrow Status[3] (A, PA, S, NS) BO	AB	KF	Comments (Note burrow characteristics and sign condition (fresh, etc.). If present, # of animals, behavior, etc.)	Photo Ref	Burrows in Buffer (distance from footprint in feet)	Focused surveys req'd? (circle species)
BMATP001	0708366/3721374	Y(N)	50x20x?	KFS	S	S	S	50cm x 20m; USED BY MULTIPLE SPECIES, KF SCAT ~~FEA~~ FEATHER @		≈390'	None BO AB KF
—	/	Y N						EDGE OF TRASH PIT, & SOME GREY HAIR			None BO AB KF
BNECG001	0708388/3722332	Y N						2 VERDIN NESTS IN IRONWOOD IN MICROPHYLLWASH			None BO AB KF
BMATP002	0708618/3722005	Y (N)	40x20x?	NONE	S	S	S	FRESH ~~BUT~~ NO TRACK		375'	None BO AB KF
BNEMJ002 ~~BNEMP002~~	0708642 3721946	Y N						1 VERDIN NEST FEATHER PRESENT @ OPENING IN IRONWOOD TREE			None BO AB KF
	/	Y N									None BO AB KF
	INCIDENTALS: NIGHT HAWKS, ROAD RUNNERS, 1 PRAIRIE FALCON, CLIFF SWALLOW										None BO AB KF
	/		WHIPTAIL, BLACK TAILED GNAT CATCHER, ZEBRA TAIL, RAVEN, UTA TURKEY VULTURE, PHAINOPEPLA, ASH THROATED FLY CATCHER, DOVE								None BO AB KF
	/	Y N									None BO AB KF
	/	Y N									None BO AB KF
	/	Y N									None BO AB KF

*IDENT Code: the unique 8-digit code that identifies the individual burrow or burrow complex within the project site (e.g., PBBSD001). See page 4 for nomenclature and codes.

[1]Does the Burrow ID represent a complex of multiple burrows? Y = Yes, multiple burrows forming a complex are represented by this Code; N = No, only one burrow is represented by this Code.

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[2] BUOW or Sign Present: BO-Owl, W-Whitewash, P-Pellets, BT- BUOW Tracks, B- Bones (from degraded pellets), F-Feathers, Pr-prey remains, Ef-Eggshell fragments, St-Sticks, NONE-no sign detected.

[3]Burrow Status: A = Active (occupancy is confirmed by visual detection of owl, fox or badger at burrow), PA = Potentially Active (owl, fox or badger occupancy not confirmed, but sign indicates possible use), S = Suitable (No evidence of recent use by owl, fox or badger, but burrow is suitable), NS = Not Suitable (burrow not suitable for owl, fox or badger).

Reviewed by surveyor (initials, date): _____ *Approved by team leader (initials, date):* _____

BURROWING OWL PRE-CONSTRUCTION *FOCUSED* SURVEY DATA SHEET

Site: BLYTHE Location: Row Size of Survey Area: _____ Proposed Activity: _____ Page 1 of 1

Survey Date: 4 / 30 / 2011 Construction to begin (estimate): ___/___/___

GPS Unit	Surveyor	GPS Unit	Surveyor
	M. RATHBUN		
	M. RIVERA		

	Time	Temp (°F)	Wind (mph or Beaufort)	Precip.	Cloud Cover (%)
Start	18:30	77° F	3-9 mph	0%	0%
End	19:30	71° F	3-9 mph	0%	0%

Sunrise/set _____ am/pm

Potential Burrows:

Original Burrow ID (GPS IDENT Code*)	GPS Coordinates for Burrow (NAD 83 Zn 11N)	Visit # (1, 2, 3 or 4)	Original sign observed @ burrow[2]	Identify new sign[2]	Current Burrow Status[3] (A, PA, S, NS)	Comments (Note burrow characteristics and sign condition [fresh, etc.]. If present, # of animals, age, behavior, etc.)[4]	Photo Ref	Surveys for BO complete ?	If surveys complete action required? (N=none, S=scoping, PR=passive relocation,
~~BKBC001~~	/	1 2 3 4						Y N	N S PR B
BBOMR001	0708477 3721436 /	(1) 2 3 4	4/29/2011	NO	PA	white wash / pellet looks older NO ANIMALS SEEN	NO	Y (N)	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B
	/	1 2 3 4						Y N	N S PR B

*IDENT Code: the unique 8-digit code that identifies the individual burrow or burrow complex within the project site (e.g., PBBSD001). See page 3 for nomenclature and codes.

[2] **BUOW or Sign Present:** BO-Owl, W-Whitewash, P-Pellets, BT- BUOW Tracks, B- Bones (from degraded pellets), F-Feathers, Pr-prey remains, Ef-Eggshell fragments, St-Sticks, NONE-no sign detected.

[3] **Burrow Status: A = Active** (occupancy is confirmed by visual detection of owl), **PA = Potentially Active** (owl occupancy not confirmed, but sign indicates possible use), **S = Suitable** (No evidence of recent use by owl but burrow is suitable), **NS = Not Suitable** (burrow not suitable for owl).

[4] Comments: If WBO are observed, watch them from a distance to observe the # of birds, their age (adult or juvenile), behaviors, and which burrows they are using. Use the notes section below to add detail and map out the areas/burrows being used by the birds. This is important to focus relocation efforts.

Reviewed by surveyor (initials, date): _____ *Approved by team leader (initials, date):* _____

ATTACHMENT 6

CORRESPONDENCE

AECOM
2101 Webster Street
Suite 1900
Oakland, CA 94612
www.aecom.com

510-622-6600 tel
510-763-2796 fax

April 26, 2011

Ms. Mary Dyas
Compliance Project Manager
California Energy Commission
Siting, Transmission and Environmental
Protection (STEP) Division
1516 Ninth Street
Sacramento, CA
95814-5512

Ms. Magdalena Rodriguez
California Department of Fish and Game
Environmental Scientist
Inland Deserts Region
3602 Inland Empire Blvd Suite C220
Ontario, CA 91764

Re: Blythe Solar Power Project –BIO-16, Nesting Birds

Ms. Dyas and Ms. Rodriguez,

The purpose of this memo is to comply with Condition of Certification BIO-16, Pre-Construction Nest Surveys, for the Blythe Solar Power Project which states:

BIO-16: 3. *If active nests or suspected active nests are detected during the survey, a buffer zone (protected area surrounding the nest, the size of which is to be determined by the Designated Biologist in consultation with CDFG) and monitoring plan shall be developed. Nest locations shall be mapped and submitted, along with a report stating the survey results, to the CPM; and*

4. *The Designated Biologist shall monitor the nest until he or she determines that nestlings have fledged and dispersed; activities that might, in the opinion of the Designated Biologist, disturb nesting activities, shall be prohibited within the buffer zone until such a determination is made.*

With this letter we are requesting your concurrence on a nest avoidance strategy described herein during continued desert tortoise fence installation activities. Since February 1st nesting bird surveys have been conducted within the Phase 1A construction areas and a 500 foot buffer prior to disturbance activities. Surveys are being conducted by qualified Biological Monitors according to methods outlined in BIO-16. The current focus of Phase 1A work activities is along the Main Access Road. The first 6,500 linear feet of the Main Access Road beyond the plant site and associated 500 foot buffer has been surveyed twice for nesting birds as required by BIO-16. The 1st nest survey was completed April 1st with the second survey completed on April 15th. Active nests were absent from the majority of this alignment and 500 foot buffer with the exception of a wash dominated by palo verde trees. This wash bisects the Main Access Road approximately 5,500 linear feet south of the

edge of the plant site. Desert tortoise fence installation within this wash is scheduled to begin April 28th. Three active nests and two potentially active nest sites, based on observations of adult behavior, were found in palo verde and ironwood trees during the course of our nesting bird surveys. All nests and potential nest sites were found within the 500 foot buffer and outside of the Main Access Road disturbance area. A follow-up survey to evaluate the status of the nests and potential nest sites was conducted on April 25th. The nests and locations in relation to project activities are summarized below and shown on the attached map:

Bird Species	**Distance From Disturbance Area**	**Side of Road**	**Survey Observations**	**Current Status (April 25th)**
Costa's hummingbird	100 feet	West	Female Costa's hummingbird vocalizing by Palo Verde during 2nd survey - nest could not be located	No hummingbirds seen in this tree or in the vicinity on April 25th
Black-tailed gnatcatcher	150 feet	West	Female black-tailed gnatcatcher observed on nest high up in fork of Palo Verde during 2nd survey	No adults observed at nest or in vicinity and no chicks could be heard. Nest is up high however so it cannot be fully viewed.
Verdin	150 feet	East	Male calling in vicinity of fresh verdin nest in Palo Verde	No birds observed at or in vicinity of nest although occupancy could not be confirmed due to enclosed nature of verdin nests.
Potential Nest Cavity	200 feet	East	No birds observed although cavity in ironwood is suitable for ash-throated flycatcher and ladder backed woodpecker seen in the area	No activity observed and no sign of recent use.
Ladder-backed Woodpecker	300 feet	East	Fresh cavity in ironwood about 35 feet up.	Cavity shows sign of recent use although no birds

			Female ladderbacked woodpecker vocalizing from adjacent branch, appeared distressed.	observed on April 25th.

No other active nests were found during course of these surveys. Additional surveys are in progress for the southern segment of the Main Access Road and will be reported at a later date.

Currently, these nests are within 100-300 feet of a well travel dirt road (Black Creek Road) that runs through the Main Access Road alignment (see attached map). This road is open to public access and is used by local residents and OHV traffic several times per day. In order to evaluate the feasibility of continuing desert tortoise (DT) fence installation activities approximately 100-300 feet from the active nests and potentially active nest sites, baseline noise testing was conducted for the equipment that will be employed during this work. Construction equipment noise levels were taken at 100 feet and 150 feet and compared to that of passing vehicles. The noise testing was conducted along a segment farther north on the Main Access Road in similar habitat and during the same activities that will be conducted in the wash adjacent to the nest sites. Noise measurements were conducted with a Type 1 Integrating Sound Level Meter (Larson Davis 820 SLM) during DT fence installation on April 22nd. The results are summarized below:

Equipment	**Activity**	**dBA at 100 feet**	**dBA at 150 feet**
Backhoe	Backfilling trench	73	68
Grader	Backfilling trench	71	66
T-Post Driver	Driving posts for DT fence	72	68
Passenger Vehicle	Driving through Wash	42	37

Removal of large trees within the fenceline disturbance area will be avoided in the wash to keep noise levels and potential disturbance to the nest sites at a minimum and within the levels described above. Based on the lack of current evidence that an active hummingbird nest is present within 100 feet, the closest active nest is assumed to be 150 feet from the work activities. At this distance, noise levels will not exceed 68 dBA. DT fencing activities will require half an hour of clear and grub a couple of hours to install the fencing within the wash on each side of the road alignment. Based on these measurements, which are only slightly above the noise threshold established by BIO-8 from February 15-April 15 (65 dBA) and the short duration of the work, we do not anticipate that the noise levels generated by the equipment during fence installation will disturb birds at the nests located 150 feet away. As the Designated Biologist, I will be present during the installation of DT fencing within and adjacent to the wash to monitor the work, confirm maintenance of the buffers, and observe activity at the nests. I will observe each nest in the morning prior to work in the area to evaluate the status and observe carefully during fence installation activities to determine if birds are becoming stressed or agitated by the work.

The Main Access Road alignment and boundaries of the disturbance area are already staked in the field. Construction equipment does not venture beyond the stakes which will be marked with bright flagging placed approximately every 100 feet within 500 feet of the wash to the north and south. Prior to mobilization, I will provide training to the work crews regarding the sensitivity of the area with instructions to keep equipment and personnel out of the buffer area. If the birds are disturbed or agitated in any way that may threaten the success of their nest, work activities will be stopped and adjusted as appropriate.

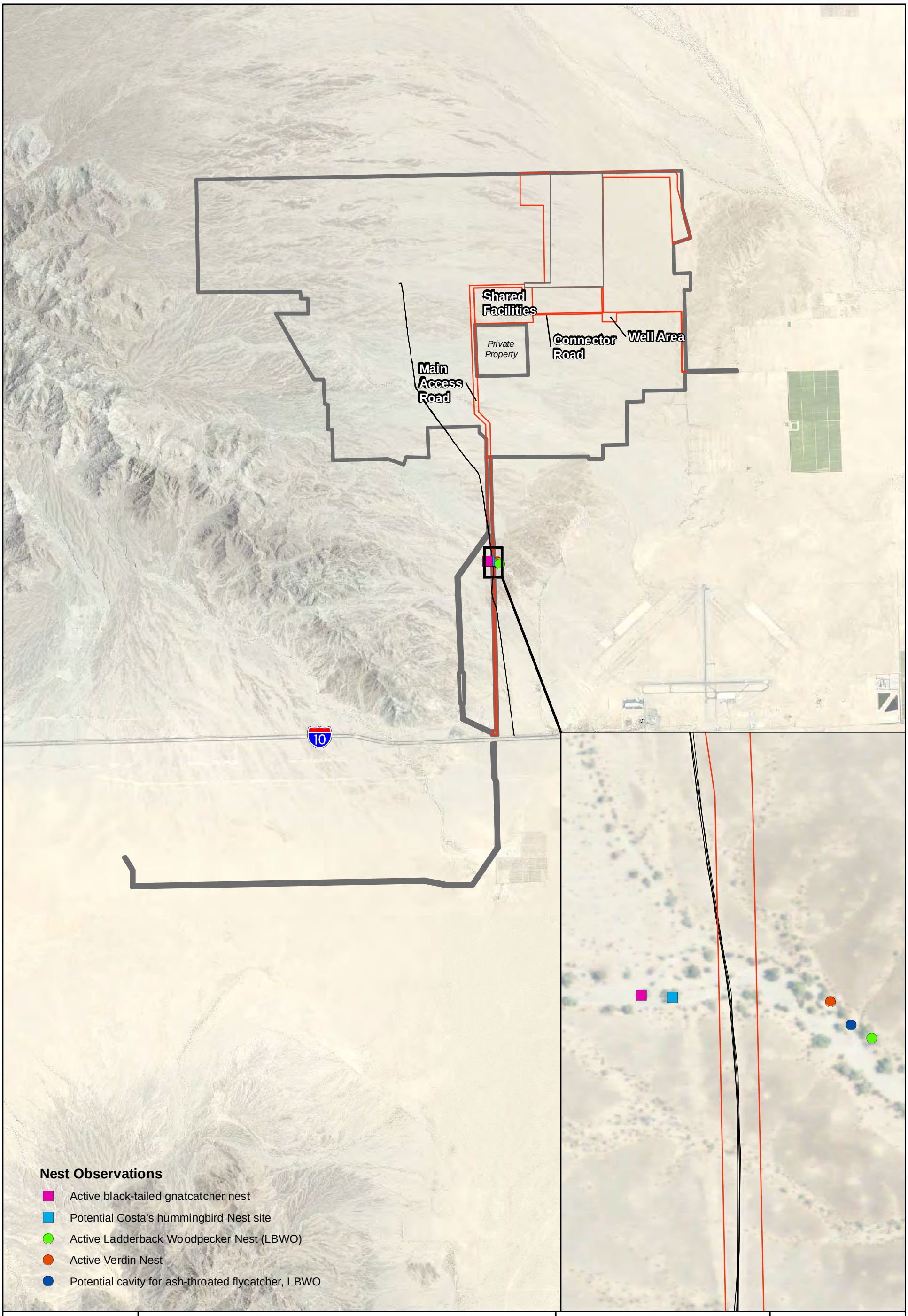
Should you have any questions regarding our findings or this approach, please contact me at 714.264.6174.

Respectfully,

Ray Romero
Designated Biologist

Attachments: Map of active nests along the Main Access Road Survey Area

Cc:
Nicole Tenenbaum, Solar Millennium
Mark Luttrell, AECOM
Jennifer Guigliano, AECOM
Angie Harbin-Ireland, AECOM



Map Location

Legend

- Project Disturbance Area
- Phase 1a
- Early Works Unit 1
- Black Creek Rd

0 3,500 7,000 Feet

1 inch = 4,688 feet

N W E S

Blythe Solar Power Project

Main Access Road Nesting Bird Surveys

Source: NAIP 2009; RiversideCounty 2010; AECOM 2010

Solar Millennium LLC

AECOM

Date: April 2011

Path: P:\2011\1280150.01_BSPP_COMPLNC\06GIS\6.3_Layout\GIS_Graphics\BSPP_Obs_13Apr2011.mxd, 4/26/2011, SteinB

AECOM
1420 Kettner Boulevard
Suite 500
San Diego, CA 92101
www.aecom.com

619 233 1454 tel
619 233 0952 fax

Memorandum

To	Nicole Tenenbaum Compliance Program Manager Solar Millennium, LLC	Page	1
Subject	Monthly Report of Cultural Resources Monitoring Activities for the Blythe Solar Power Project – April 2011		
From	Stacey Jordan, Cultural Resources Specialist		
Date	May 10, 2011		

This technical memorandum covers cultural resources monitoring activities at the Blythe Solar Power Project (BSPP) site for the month of April 2011 under Condition of Certification (COC) CUL-16, Construction Monitoring Program. Table 1 includes the locations and nature of monitoring activities undertaken during this period. Daily monitoring logs are included as Attachment 1.

Personnel Active in Cultural Monitoring This Period

Stacey Jordan was on-call as the Cultural Resources Specialist (CRS) for this month.
Katherine Baber, Benjamin Vargas, Marc Hintzman, and Julie Sage were the active Cultural Resources Monitors (CRMs) for this month.
Mario Morales was the active Native American monitor this month.
Damien Tietjen of ESA worked as the BLM Compliance monitor.

Monitoring and Associated Activities This Period

April 1: The CRM monitored excavation for desert tortoise (DT) fencing. Work was conducted using a backhoe, and consisted of excavations approximately 2 ft wide to a depth of 12-16 inches below the existing ground surface (varying with differences in surface topography). The CRM also monitored mechanical grubbing and brush clearing that was conducted with the use of a motor-grader. During this period, work was monitored along the Main (Permanent) Access Road. There was no Native American monitor present during grading activities this day because construction did not occur within geoarchaeologically sensitive areas nor within 1,000 feet of prehistoric sites identified in the COCs as requiring a Native American Monitor. Damien Tietjen of ESA served as the BLM third-party compliance monitor and was present for the duration of this work. No cultural resources were identified or discovered on this day. Trenching and grubbing activities were conducted near the western boundary of site SMB-H-180.

April 4-8: The CRM monitored excavation for DT fencing. Work was conducted using a backhoe and consisted of excavations approximately 4 feet wide to a depth of 12-16 inches below the existing ground surface (varying with differences in surface topography). The CRM also monitored mechanical

grubbing and brush clearing that was conducted with the use of a motor-grader. During this period work was monitored within the Phase 1a-Unit 1 Solar Field, the Main Access Road, and the Shared Facilities (Services) area. There was no Native American monitor present during activities this period because construction did not occur within geoarchaeologically sensitive areas nor within 1,000 feet of prehistoric sites identified in the COCs as requiring a Native American Monitor. Darren Burton of ESA served as the BLM third-party compliance monitor and was present for the duration of this work. Sites SMB-H-290, SMB-H-255, and SMB-H-259 were impacted by grubbing and trenching activities during this period. Several isolated historical-period artifacts (metal cans and one glass jar), were encountered that were known to be associated with the sites mentioned previously. There were no newly discovered cultural materials identified during this period of monitoring.

April 11-15: The CRM monitored excavation for DT fencing and the removal of ironwood trees. Work was conducted using a backhoe, and consisted of excavations approximately 4 ft wide to a depth of 12-16 inches below the existing ground surface (varying with differences in surface topography). The CRM also monitored mechanical grubbing and brush clearing that was conducted with the use of a motor-grader. During this period, work was monitored within the Phase 1a-Unit 1 Solar Field, the Main Access Road, and the Shared Facilities area. There was no Native American monitor present during activities this period because construction did not occur within geoarchaeologically sensitive areas nor within 1,000 feet of prehistoric sites identified in the COCs as requiring a Native American Monitor. Damien Tietjen of ESA served as the BLM third-party compliance monitor and was present for the duration of this work. Sites SMB-194-H, SMB-H-255, and SMB-H-259 were impacted during trenching and grubbing activities, and sites SMB-409-H and SMB-460-H were impacted during ironwood tree removal activities. Isolated metal cans and glass bottles were identified on the ground surface, but no subsurface cultural materials were identified. All cultural materials observed were within previously recorded sites, and there no newly discovered cultural matierials identified during this period of monitoring.

April 18- 22: The CRM monitored excavation for DT fencing and for a cut-back area. Work was conducted using a backhoe, and consisted of excavations approximately 4 ft wide to a depth of 12-16 inches below the existing ground surface (varying with differences in surface topography). The CRM also monitored mechanical grubbing and brush clearing that was conducted with the use of a motor-grader. During this period, work was monitored within the Main Access Road alignment. Mario Morales served as the Native American monitor and Damien Tietjen of ESA served as the BLM third-party compliance monitor for the duration of this work. Previously recorded archaeological sites SMB-H-257, SMB-H-259, SMB-H-861, and CA-RIV-3419 were impacted by construction activities during this period. Scattered isolated historical-period artifacts were identified during monitoring activities, however no newly identified sites or artifacts were recorded.

April 25-29: The CRM monitored excavation for DT fencing. Work was conducted using a backhoe, and consisted of excavations approximately 4 feet wide to a depth of 12-16 inches below the existing ground surface (varying with differences in surface topography). The CRM also monitored mechanical grubbing and brush clearing that was conducted with the use of a motor-grader. During this period work was monitored within the Main Access Road alignment. Damien Tietjen of ESA served as the BLM third-party compliance monitor, and Mario Morales served as the Native American monitor for the duration of work this week. Previously recorded archaeological sites SMB-H-256, SMB-H-259, and CA-RIV-3419 were impacted by construction activities conducted during this period; however, no newly identified sites were recorded.

AECOM

Cultural Resources Discoveries This Period

Numerous scattered historical-period and prehistoric artifacts were noted by monitors during the month of April. None of these materials were recorded as individual isolated artifacts, as they were encountered within the boundaries of previously recorded sites. One isolated brownware ceramic rim sherd was identied within the boundaries of site SMB-M-261(262). It was unknown whether this sherd had been recorded previously, therefore it was photographed and its location was recorded using a hand-held GPS unit. The coordinates of the sherd are: 708470E, 3722644N.

Anticipated Changes in the Next Period
None.

Comments, Issues or Concerns
None.

Table 1. Monitoring Activities and locations during this period.

Date	Coordinates Beginning	Coordinates Ending	Activity Monitored	Archaeological Sites affected
04/01/2011	709815E, 3728235N	709647E, 3728232N	Backhoe trenching and grubbing for Desert Tortoise fencing	None
04/01/2011	709741E, 3728232N	709062E, 3728234N	Backhoe trenching for Desert Tortoise Fencing	None
04/04/2011	709647E, 3728232N	709349E, 3728227N	Backhoe trenching for Desert Tortoise Fencing	None
04/05/2011	709349E, 3728227N	709066E, 3728227N	Backhoe trenching for Desert Tortoise Fencing	None
04/05/2011	708331E, 3725959N	708335E, 3725714N	Grubbing for Desert Tortoise Fencing	None
04/06/2011	708334E, 3728227N	708340E, 3728715N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-290
04/06/2011	708335E, 3725682N	708341E, 3725433N	Grubbing for Desert Tortoise Fencing	SMB-H-290
04/07/2011	708327E, 3725712N	708337E, 3725437N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-290
04/07/2011	708342E, 3725433N	708348E, 3725105N	Grubbing for Desert Tortoise Fencing	SMB-H-290
04/08/2011	708337E, 3725437N	708339E, 3725282N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-255 and SMB-H-259
04/08/2011	708348E, 3725105N	708350E, 3724822N	Grubbing for Desert Tortoise Fencing	None
04/11/2011	708346E, 3725286N	708350E, 3725011N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-255 and SMB-H-259
04/11/2011	708348E, 3725105N	708350E, 3724822N	Grubbing for Desert Tortoise Fencing	SMB-H-255 and SMB-H-259

AECOM

Date	Coordinates Beginning	Coordinates Ending	Activity Monitored	Archaeological Sites affected
04/12/2011	708350E, 3725011N	708357E, 3724767N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-256
04/12/2011	708357E, 3724704N	708362E, 3724461N	Grubbing for Desert Tortoise Fencing	SMB-H-256
04/13/2011	708350E, 3725011N	708357E, 3724767N	Backhoe trenching for Desert Tortoise Fencing	None
04/13/2011	708357E, 3724704N	708362E, 3724461N	Grubbing for Desert Tortoise Fencing	None
04/14/2011	708404E, 372563N	708409E, 3725545N	Backhoe trenching for Desert Tortoise Fencing	SBM-194-H
04/14/2011	708592E, 3722904N	708845E, 3727832N	Ironwood Tree Removal	SBM-460-H, and SMB-409-H
04/15/2011	708410E, 3725547N	798412E, 3725316N	Trenching and Grubbing for Desert Tortoise Fencing	None
04/18/2011	708411E, 3725424N	708410E, 3725334N	Backhoe trenching for Desert Tortoise Fencing	None
04/18/2011	708410E, 3725334N	708409E, 3725130N	Grubbing for Desert Tortoise Fencing	None
04/19/2011	708412E, 3725331N	708415E, 3725133N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-259
04/19/2011	708415E, 3725133N	708423E, 3724847N	Grubbing for Desert Tortoise Fencing	SMB-H-259
04/20/2011	708415E, 3725150N	708421E, 3724877N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-861
04/20/2011	708421E, 3724834N	708428E, 3724529N	Grubbing for Desert Tortoise Fencing	SMB-H-861
04/21/2011	708422E, 3724854N	708425E, 3724606N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-257, SMB-H-259
04/21/2011	708430E, 3724534N	708439E, 3724284N	Grubbing for Desert Tortoise Fencing	SMB-H-257, SMB-H-259
04/22/2011	708428E, 3724602N	708433E, 3724360N	Backhoe trenching for Desert Tortoise Fencing	SMB-H-257, SMB-H-861, CA-RIV-3419,
04/22/2011	708439E, 3724280N	708457E, 3724087N	Grubbing for Desert Tortoise Fencing	SMB-H-257, SMB-H-861, CA-RIV-3419,
04/22/2011	708422E, 3724880N; 708423E, 3724877N; 708432E, 3724876N; 708431E, 3724857N; 708421E, 3724858N		Boundary coordinates for trenching and grubbing for cutback area	SMB-H-259
04/25/2011	708432E, 3724360N	708454E, 3724086N	Backhoe trenching for Desert Tortoise Fencing	CA-RIV-3419

AECOM

Date	Coordinates Beginning	Coordinates Ending	Activity Monitored	Archaeological Sites affected
04/25/2011	708456E, 3724077N	708457E, 3723984N	Grubbing for Desert Tortoise Fencing (east side of Main Access Road alignment)	CA-RIV-3419
04/25/2011	708361E, 3724456N	708430E, 3724000N	Grubbing for Desert Tortoise Fencing (west side of Main Access Road alignment)	CA-RIV-3419
04/26/2011	708356E, 3724765N	708385E, 3724293N	Backhoe trenching for Desert Tortoise Fencing (west side of Main Access Road alignment)	SMB-H-256, SMB-H-259
04/27/2011	708383E, 3724293N	708423E, 3724112N	Backhoe trenching for Desert Tortoise Fencing (west side of Main Access Road alignment)	CA-RIV-3419
04/28/2011	708419E, 3724118N	708429E, 3723996N	Backhoe trenching for Desert Tortoise Fencing (west side of Main Access Road alignment)	CA-RIV-3419
04/28/2011	708456E, 3724084N	708458E, 3723999N	Backhoe trenching for Desert Tortoise Fencing (east side of Main Access Road alignment)	CA-RIV-3419
04/29/2011	708429E, 3723999N	708434E, 3723781N	Grubbing for Desert Tortoise Fencing (west side of Main Access Road alignment)	CA-RIV-3419
04/29/2011	708429E, 3723998N	708433E, 3723814N	Backhoe trenching for Desert Tortoise Fencing (west side of Main Access Road alignment)	CA-RIV-3419

Attachment 1
DAILY MONITORING LOGS

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/1/2011

ARCHAEOLOGICAL MONITOR: Katherine Baker

FACILITY: Kiewit

ARRIVAL: 7AM **DEPARTURE:** 2pm

PROJECT AREA(S): (Location) Unit 1A Solar Field southern boundary of ROW

TYPE OF WORK AND EQUIPMENT: Trenching, grubbing, clearing & smoothing w/ Deere 772GP motor grader. Clearing creosote & other bushes w/ CAT450E backhoe shovel

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Trenching, grubbing, clearing & smoothing ROW for tortoise fence installation. Trench is 2ft wide & 16 ins in depth. Grub is 3-4 ins in depth.

MONITORING ACTIVITIES PERFORMED: 8AM- Monitored motor grader trench on southern boundary of ROW in Unit 1A solar field from 709815.2E, 3728235.0N to 709647.1E, 3728232.6N (800LF Trenched)
8:50AM- Monitored motor grader grub on southern boundary from 709741.0E, 3728232.5N to 709062.5E, 3728234.8N (1900LF grubbed).

CULTURAL RESOURCES PRESENT:
NONE observed

NATIVE AMERICAN MONITOR (If present): NONE

NON-COMPLIANCE: NONE

COMMENTS (use back if necessary): No Comments

LOG FILED WITH MONITORING SUPERVISOR: Benny Vargas

Use additional sheet if needed

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/4/2011

ARCHAEOLOGICAL MONITOR: Katherine Baker

FACILITY: Kiewit

ARRIVAL: 7AM - Safety Mtg. DEPARTURE: 12pm

PROJECT AREA(S): (Location) Unit 1A Solar Field southern boundary of ROW

TYPE OF WORK AND EQUIPMENT: Deere 772GP Motor Grader w/14ft mow board for trenching, grubbing, clearing & smoothing. CAT450E Backhoe w/shovel for clearing creosote & other bushes.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Trenching, grubbing, clearing, smoothing ROW for tortoise fence installation. No grubbing today since 1900 LF was grubbed on Friday 4/1/2011

MONITORING ACTIVITIES PERFORMED: 8:35 - Trench 1000LF of southern boundary from 709647.1E, 3728232.6 to 709349.4E, 3728227.2

CULTURAL RESOURCES PRESENT: NONE OBSERVED

NATIVE AMERICAN MONITOR (If present): NONE

NON-COMPLIANCE: BLM: Darren Burton / ESA

COMMENTS (use back if necessary): Will be trenching 800LF tomorrow then move down to Main Plant Rd on 4/6/2011

LOG FILED WITH MONITORING SUPERVISOR: Benny Vargas

Use additional sheet if needed

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/5/2011

ARCHAEOLOGICAL MONITOR: Katherine Baker

FACILITY: Kiewit

ARRIVAL: 7Am safety/Stretch **DEPARTURE:** 2:30p

PROJECT AREA(S): (Location) Unit 1A Solar Field southern boundary of ROW & Main plant Road western boundary of ROW

TYPE OF WORK AND EQUIPMENT: Deere 772GP motor grader w/14 ft mow board for trenching, grubbing, clearing & smoothing. CAT 450E backhoe w/shovel for clearing creosote & other bushes

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Trenching, grubbing, clearing & smoothing on boundaries of ROWs for tortoise fence installation in Unit 1A Solar Field & on main plant road

MONITORING ACTIVITIES PERFORMED: 7:55 Am - Monitored motor grader trench southern boundary of ROW in Unit 1A Solar field from 709349.4E, 3728227.2N to 709066.3E, 3728227.1N.
9:45 Am - Monitored backhoe clear creosote & other bushes on western boundary of ROW on main plant rd.
11:39 Am - Monitored motor grader grub, clear & smooth western boundary of ROW on main plant road from 708331.8E, 3725959.8 to 708335.8E, 3725714.8N

CULTURAL RESOURCES PRESENT: Four isolated cans scattered on surface by main plant road

NATIVE AMERICAN MONITOR (If present): None

NON-COMPLIANCE: BLM: Darren Burton

COMMENTS (use back if necessary): Kiewit moved up schedule for main plant road. Grubbing started today

LOG FILED WITH MONITORING SUPERVISOR: Benny Vargas

Use additional sheet if needed

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/6/2011

ARCHAEOLOGICAL MONITOR: Katherine Baber

FACILITY: Kiewit

ARRIVAL: 7AM **DEPARTURE:** 2:30pm

PROJECT AREA(S): (Location) Main plant Road western boundary of ROW

TYPE OF WORK AND EQUIPMENT: Deere 772GP motor grader w/14 ft. mow board for trenching, grubbing, clearing & smooth. CAT450E backhoe w/shovel for clearing creosote & other bushes

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Trenching, grubbing, clearing & smoothing on western boundary of ROW for tortoise fence installation on the main plant road.

MONITORING ACTIVITIES PERFORMED: 7:57 - Monitored motor grader trench western boundary of ROW of the main plant road from 708334.5E, 3728227.1N to 708340.1E, 3725115.8N
8:55 - Monitored backhoe clear creosote & other bushes for grubbing
9:45 - Monitored motor grader grub from 708335.7E, 3725682.6N to 708341.8E, 3725433.8N
12:30pm - Monitored backhoe remove trees from Shared Services area.

CULTURAL RESOURCES PRESENT: 2 isolated cans unearthed from grubbing on western boundary of ROW on main plant road. 5 cans scattered on the surface (site SMB-H-290)

NATIVE AMERICAN MONITOR (If present): NONE

NON-COMPLIANCE: BLM: Darren Burton/ESA

COMMENTS (use back if necessary): Grubbed through site SMB-H-290.

LOG FILED WITH MONITORING SUPERVISOR: Penny Vargas

Use additional sheet if needed

4/1

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/7/2011

ARCHAEOLOGICAL MONITOR: Katharina Baber

FACILITY: Kiewit

ARRIVAL: 7AM safety/~~stretch~~ **DEPARTURE:** 2:30pm

PROJECT AREA(S): (Location) Main plant road western boundary of ROW

TYPE OF WORK AND EQUIPMENT: Trenching, grubbing, clearing & smoothing w/Deere 772GP motor grader CAT450E backhoe shovel to clear creosote & other bushes.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Clearing, grubbing & trenching for installation of tortoise fence on western boundary of ROW on the main plant road. Trench is 2ft wide & 16ins in depth. Grubs 3-4ins in depth. Monitored motor grader

MONITORING ACTIVITIES PERFORMED: 7:54 - Trench from 708327.7E, 3725712.8N to 708337.7E, 3725437.3N.
9:50: Monitored backhoe clear creosote & other bushes from ROW
10:35 Monitored motor grader grub from 708342.0E, 3725433.2N to 708343.8E, 3725105.3N.
11:56 - Monitored backhoe remove trees from Shared Services area.

CULTURAL RESOURCES PRESENT:
5 isolated cans scattered on the surface. No subsurface resources observed.

NATIVE AMERICAN MONITOR (If present): NONE

NON-COMPLIANCE: BLM: Darren Burton

COMMENTS (use back if necessary):

LOG FILED WITH MONITORING SUPERVISOR:

Use additional sheet if needed

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/8/2011 BLM Compliance monitor: Darren Burton/ESA

ARCHAEOLOGICAL MONITOR: Katherine Baker/AECOM

FACILITY: Kiewit

ARRIVAL: 7AM **DEPARTURE:** 2pm

PROJECT AREA(S): (Location) Main Plant Road western boundary of ROW

TYPE OF WORK AND EQUIPMENT: Deere 772GP Motor Grader for clearing trenching, grubbing & smoothing, CAT 450E Backhoe w/ 2ft bucket & shovel for clearing creosote & other bushes.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Clearing, grubbing & tranching for installation of tortoise fence on western boundary of ROW on Main Plant Rd. Trench is 2ft wide & 16 ins indepth. Grub is 3-4 ins. indepth

MONITORING ACTIVITIES PERFORMED: 7:53- Monitored motor grader trench from 708337.7E, 3725437.3N to 708339.4E, 3725282.8N
8:55- monitored backhoe shovel clear creosote & other bushes
10:10- mobitored motor grader clear & grub from 708348.8E, 3725105.3N to 708350.9E, 3724822.1N.

CULTURAL RESOURCES PRESENT: Sites SMB-H-255 + 259 were cleared & grubbed. No historic resources were impacted. 1 isolated historic can was unearthed during grubbing. 5 historic cans & 1 glass jar was observed on the surface

NATIVE AMERICAN MONITOR (If present): NONE

NON-COMPLIANCE: N/A

COMMENTS (use back if necessary): NO

LOG FILED WITH MONITORING SUPERVISOR: Benny Vargas

12:35. Cleared trees from Shared Services

Use additional sheet if needed

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/11/2011 BLM Compliance Monitor: Damien Tietjen

ARCHAEOLOGICAL MONITOR: Katharine Baber/AECOM

FACILITY: Kiewit

ARRIVAL: 7AM safety/start DEPARTURE: 1pm

PROJECT AREA(S): (Location) Main Plant Road western boundary of ROW

TYPE OF WORK AND EQUIPMENT: Deere 772GP motor grader for clearing grubbing, smoothing & trenching. CAT450E Backhoe w/2ft bucket & shovel for clearing creosote & other bushes.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Clearing, grubbing, smoothing & trenching for tortoise fence installation on western boundary of ROW Trench is 2ft wide & 11ins. in depth. Grub is 3-4ins in depth

MONITORING ACTIVITIES PERFORMED: 822am. Trench from 708346.4E, 3725286.9N to 708350.1E, 3725011.7N.
10am Grub from 708354.0E, 3724796.3N to 708354.6E, 3724641.5N
11:30a - Backhoe removed trees from shared services.

CULTURAL RESOURCES PRESENT: No subsurface resources observed. 7 cans & 1 glass bottle scattered on the surface. Trenching & grubbing occured near sites 259 & 256. No impact to sites

NATIVE AMERICAN MONITOR (If present): No

NON-COMPLIANCE: N/A

COMMENTS (use back if necessary): NONE

LOG FILED WITH MONITORING SUPERVISOR: Benny Vargas

Use additional sheet if needed

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 04/12/2011 BLM Compliance Monitor: Damien Tietjen/ESA

ARCHAEOLOGICAL MONITOR: Katherine Baber/AECOM

FACILITY: Kiewit

ARRIVAL: 7AM - Safety/Stretch DEPARTURE: 2:49

PROJECT AREA(S): (Location) Main Plant Road western boundary of ROW)

TYPE OF WORK AND EQUIPMENT: Deere 772GP Motor Grader w/14ft mow board for grubbing, clearing, smoothing & trenching. CAT 450E Backhoe w/24 bucket & shovel for clearing creosote & other bushes. 4000 gallon water truck & 185 CFM compressor.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Clear, grub, smooth & trench for tortoise fence installation on western boundary of ROW. Trench is 2ft. wide & 16ins. in depth Grub is 3-4 ins in depth

MONITORING ACTIVITIES PERFORMED: 7:57am trench from 708350.1E, 3725011.7N to 708357.3E, 3724767.6N
9:26am - Clear creosote & other bushes w/ backhoe shovel
9:52-10:27 - Grub from 708357.8E, 3724704.5N to 708362.1E, 3724461.0N
10:15 - 12:30 - Remove trees from Shared services
1:15 - Backfill tortoise fence on west boundary on Main Plant Rd.

CULTURAL RESOURCES PRESENT:

NATIVE AMERICAN MONITOR (If present): NONE

NON-COMPLIANCE: N/A

COMMENTS (use back if necessary): BLM sign @ 708320.7E, 3724719.3N. Photos 9802 & 9803. Verbage on back →

LOG FILED WITH MONITORING SUPERVISOR: Benny Vargas

Use additional sheet if needed

BLM sign says:

United States Department of the Interior
Bureau of Land Management
Unauthorized Removal
of
Mineral Materials Prohibited
For Information Regarding Permits
Inquire at

U.S. Government Printing Office 1949 O-363 904

NOTICE

Cultural resources in the vicinity of this notice are fragile and irreplacable. The Antiquities Act of 1906 protects them for the benefit of all Americans

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Any person who, without official permission, injures destroys, excavate or appropriate any historic or prehistoric ruins, artifects or object of antiquity on the public lands of the United States is subject to arrest and penalty of the law.

Permits to excavate sites or remove artifacts can be issued only to recognized educational and scientific institutions

United States Department of the Interior
Bureau of Land Management
U.S. Government Printing Office 1977 O-237-020

S-53
(August 1977)

Kiawit Meeting

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/13/2011 BLM Compliance Monitor: Damian Tietjen

ARCHAEOLOGICAL MONITOR: Katherine Baber/AECOM

FACILITY: Kiewit

ARRIVAL: 7AM safety/tailgate **DEPARTURE:** 3:15 pm

PROJECT AREA(S): (Location) Main Plant Road eastern boundary & Shared Services

TYPE OF WORK AND EQUIPMENT: Deere 772GP Motor Grader w/14ft mow board for clearing trenching, grubbing & smoothing. CAT450E Backhoe w/24ft bucket to remove trees in Shared Services 4000 Gallon water truck &

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Clearing, grubbing, smoothing & trenching for tortoise fence installation on ROW's. Remove trees from Shared Services

MONITORING ACTIVITIES PERFORMED: 8:11AM - Grubbed clear eastern boundary of ROW on Main Plant Rd. from 708400.1E, 3725945.3N to 708402.3E, 3725763.2N.
10:24 Trench from 708399.3E, 3725956.8N to 708402.2E, 3725763.4N
11:50-3pm Removed trees from Shared Services

CULTURAL RESOURCES PRESENT: A few scattered cans on eastern boundary on Main Plant Rd.

NATIVE AMERICAN MONITOR (If present): NONE

NON-COMPLIANCE: N/A

COMMENTS (use back if necessary): Kiewit working on eastern boundary of Main Plant Rd. until Monday (4/18). Will start back on western boundary on Tues (04/19). Will need NA monitor because 1000ft away from culturally sensitive area.

LOG FILED WITH MONITORING SUPERVISOR: Benny Vargas

Use additional sheet if needed

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4-14-11

ARCHAEOLOGICAL MONITOR: Marc Hintzman

FACILITY:

ARRIVAL: On site 7:15 **DEPARTURE:** 2:30

PROJECT AREA(S): (Location**)** Eastern Tortise Fence line and shared services

TYPE OF WORK AND EQUIPMENT: A blade was used to grub and excavate the trench where the fence is installed and a water truck was used to keep the dust down.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Grubbing, trenching and fence instalation

MONITORING ACTIVITIES PERFORMED: Grubbing began at 7:30 am and continued until 11:00am. At 11 the blade was done disturbing "new ground." Soils were examined as they were being excavated and newly graded ground was examined to see if subsurface components were present. No subsurface components were indentified. Around 1:30 the backhoe was done clearing ironwood trees, then the backhoe went to help backfill the tortoise fencing. The new section of the fence line began at steak 480_6 and utm coordinate 708404.6/372563 and ended at 708409/3725545. The excavation of the fence line is near site SBM-194-H excavation in this area did not identify any subsurface components. The trench is excavated to a red "caliche" layer of clayish sands and calcium carbonate. This layer is similar to the orange "Pleistocene" soils that I have seen in the Barstow/Ft. Irwin area. It might be worth checking a geological map to see if paleo needs to be involved.

In the shared services area there were approximately 11 ironwood trees were removed using a backhoe, the trees were removed to prevent birds from nesting in them. Larger trees were excavated with the bucket then the remains of the tree was carried away and disposed of in a large roll away dumpster. Smaller trees were knocked down and run over. The disturbed areas from tree removal were examined to see if subsurface deposits were present. Tree removal occurred in and around sites SBM-460-H, 409-H. No subsurface components were identified as a result of the tree removal process. The northern most extent of tree removal occurred at 708592/3722904 the southernmost occurred at 708845/3727832.

CULTURAL RESOURCES PRESENT: None observed.

NATIVE AMERICAN MONITOR (If present): None

NON-COMPLIANCE:

COMMENTS (use back if necessary)**:**

LOG FILED WITH MONITORING SUPERVISOR: B. Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4-15-11

ARCHAEOLOGICAL MONITOR: Marc Hintzman

FACILITY: Eastern Tortise Fence line

ARRIVAL: On site 7:45 **DEPARTURE:** **2:20**

PROJECT AREA(S): (Location**)** Working along the eastern tortoise fence line

TYPE OF WORK AND EQUIPMENT: Working to extend the fence to the south. A John Deere 772 GP was used to grub and trench for the fence.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: Grubbing, trenching and fence instalation

Completed 600 feet of fence installation, the fence line was not backfilled due to a lack of operators.

MONITORING ACTIVITIES PERFORMED: Monitored all activities. Only grubbing, trenching and fence installation occurred today, all in the same location.

CULTURAL RESOURCES PRESENT: None observed.

NATIVE AMERICAN MONITOR (If present): None

NON-COMPLIANCE:

COMMENTS (use back if necessary)**:** Work began at 708410 /3725547 and worked south towards SBM-235-H todays work is still aproximatly 200m from that site. The trench ends at 708411/ 3725422 grubbing ends at 798412/ 3725316. Photos taken: 9810 blade scraper view to the east, 9809 blade scraper to the south, 9808

blade scraper to the south, 9807 blade scraper to the south.

LOG FILED WITH MONITORING SUPERVISOR: B. Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/18/2011

ARCHAEOLOGICAL MONITOR: Julie Sage and Marc Hintzman

FACILITY: Kiewit

ARRIVAL: 8:15 AM **DEPARTURE:** 3:00 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east boundary of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a grader/scraper (unknown model) for grubbing and grading, along with placing in a V-trench, within the ROW. No backhoe was used on this day. The fencing crew filled in the older V-trench from last Friday (April 15, 2011) using shovels, on the eastern side of the fence. A water truck and a compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: A 300-foot V-trench was placed in so desert tortoise fencing could be constructed. While the fencing crew was constructing this fence, the scraper operator began grubbing further to the south. Once completed with the new grubbing, he proceeded with grading the previous area from last Friday (April 15, 2011). Once completed with that, he then began grading the newer area from earlier today. The fencing crew placed in a total of 300 feet of fencing. The scraper operator placed in 600 feet of grubbing.

MONITORING ACTIVITIES PERFORMED: 8:30 AM : Monitored scraper as it was creating the V-trench, which began at 708411E, 3725424N through 708410E, 3725334N.

9:30 AM: Monitored scraper as it began grubbing and clearing creosote and other vegetation, beginning at 708410E, 3725334E through 708409E, 3725130. The southern end of this grubbed area is approximately 60 m to the southeast of a historic site (SMB-H-253), and is 70 m to the northeast of another historic site (SMB-H-255).

11:30 AM: Monitored scraper as it began grading within the older grubbing area, further to the north. This was the area that had been grubbed the previous Friday (April 15, 2011). The operator then proceeded to grade the area that was grubbed earlier today.

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

CULTURAL RESOURCES PRESENT: __None encountered.

NATIVE AMERICAN MONITOR (If present): __None

NON-COMPLIANCE: __BLM – Damien Tietjen

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at exactly 7 AM. After the meeting, Mark and I went out to the work site, and arrived at 8:15 AM. The scraper operator did not arrive onto the work site until after 8:30 AM, so no ground disturbance occurred prior to this time. Mike, the work site foreman, gave another safety meeting to me after lunch, at approximately 12:30 PM.

LOG FILED WITH MONITORING SUPERVISOR: __Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/19/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 8:10 AM **DEPARTURE:** 3:00 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east boundary of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a 450E CAT backhoe for trenching, and for the backfilling of the trench, along with the clearing of vegetation. The operator also used a John Deere 772GP motor grader for grubbing and grading/smoothing. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: A 600 LF V-trench was placed in so desert tortoise fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading or smoothing this area next to the trench. Once finished, the operator began clearing the new area, further to the south, for 900 LF. Once completed with the new clearing, he proceeded with grubbing this same area for 900 LF. In the afternoon, the operator began backfilling the V-trench, along with some more grading or smoothing.

MONITORING ACTIVITIES PERFORMED: 8:15 – 8:50 AM: Monitored motor grader as it was placing in the V-trench for the desert tortoise fencing. The trench began at 708412E, 3725331N and ended at 708415E, 3725133N.

8:50 – 9:00 AM: Monitored motor grader as it began grading/smoothing the area next to the V-trench.

9:00 – 10:00 AM: Monitored the backhoe as it cleared creosote and other vegetation, beginning at 708415E, 3725133N, and stopping at 708423E, 3724847N.

10:00 – 11:35 AM: Monitored motor grader as it began grubbing the new area that had just been cleared of vegetation. The new grubbing area also extended near a historical-period site, SMB-H-255, located approximately 30 m to the west. The stopping point for this grubbed area is located inside of a historical-period site, SMB-H-259.

11:35 AM – 12:00 PM: No ground disturbance activity. The operator was not present.

12:00 – 12:30 PM: Lunch

12:30 – 1:30 PM: No ground disturbance activity. The operator was not present.

1:30 – 2:00 PM: Monitored backhoe as it was backfilling the V-trench.

2:00 – 3:00 PM: Monitored motor grader as it was grading/smoothing.

CULTURAL RESOURCES PRESENT: No cultural resources were encountered on the subsurface. However, a couple of cans were noticed on the surface near or within SMB-H-259. It is assumed that they were recorded during the initial site recording.

NATIVE AMERICAN MONITOR (If present): None

NON-COMPLIANCE: BLM – Damien Tietjen

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at exactly 7 AM. After the meeting, Mario (the Native American monitor) and I went to get a copy of his contract so he could sign it. Since we were running late, we told John to call out to the work site and tell the operator to wait until we arrived before any ground disturbance could occur. Mario and I arrived on the work site at 8:10 AM. We began work at 8:15 AM, and did not appear to have held up work.

I also spoke with Damien this morning. He mentioned that there was a possible military foxhole located approximately 500 m to the south of where we were working. I told him to give me the coordinates and that I would look at it later on since I needed to stay at the work site to monitor. I didn't get the coordinates from him, but I will ask for them tomorrow morning.

CA-RIV- 3419 is located approximately 350 m (1050 feet) to the southeast of our stopping point for grubbing today. This site is also approximately 630 m (1890 feet) directly south of our stopping point for today. Since we will be going an additional 900 LF tomorrow, we will obviously be much closer to this site.

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/20/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 7:50 AM **DEPARTURE:** 2:50 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east boundary of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching, grubbing, and grading/smoothing. Ralph also used a 450E CAT backhoe for clearing creosote and other vegetation. Another heavy equipment operator, Frank, also used this same backhoe for backfilling the trench. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: A 900 LF V-trench was placed in so desert tortoise and silt fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading or smoothing this area next to the trench. Once finished, the operator began clearing the new area, further to the south, for 900 LF. Once completed with the new clearing, he proceeded with grubbing this same area for 900 LF. The operator then began grading/smoothing the area. In the afternoon, the other operator began backfilling the V-trench, and the motor grader operator did some more grading/smoothing.

MONITORING ACTIVITIES PERFORMED: 8:10 – 8:40 AM: Monitored motor grader as it was placing in the V-trench for the desert tortoise fencing. The trench began at 708415E, 3725150N and ended at 708421E, 3724877N.

8:40 – 9:00 AM: Monitored motor grader as it began grading/smoothing the area next to the V-trench.

9:10 – 9:35 AM: Monitored the backhoe as it cleared creosote and other vegetation, beginning at 708421E, 3724834N, and stopping at 708428E, 3724529N.

9:45 – 10:45 AM: Monitored motor grader as it began grubbing the new area that had just been cleared of vegetation. The new grubbing area started just outside of site SMB-H-255, to the north. The grubbed area also extended just outside of another historical-period site, SMB-H-860.The grubbed area also extended through a small portion of the northwestern extent of SMB-H-861. Site SMB-H-258 is located

approximately 30 m to the northwest of the grubbing stopping point for the day.

10:45 – 11:30 AM: No ground disturbance activity. The water truck was having issues.

11:30 – 12:00 PM: Monitored motor grader as it was grading/smoothing.

12:00 – 12:45 PM: Lunch

12:45 – 2:30 PM: Monitored motor grader as it was grading/smoothing. The backhoe operator was also backfilling the V-ditch from 12:45 – 2:15 PM.

CULTURAL RESOURCES PRESENT: No cultural resources were encountered within the subsurface. However, three cans were noticed on the surface just outside of the grubbing area. It is assumed that they were recorded during the initial site recording.

NATIVE AMERICAN MONITOR (If present): Mario Morales

NON-COMPLIANCE: BLM – Damien Tietjen

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 7:00 AM. Tomorrow, the grubbing area will extend through SMB-H-257, and should be encroaching the large terrace site, CA-RIV-3419, towards the stopping point of the grubbing.

Damien also informed me that he discovered at least four possible geoglyphs approximately 60 m to the east of the ROW, located approximately 800 m to the south of our stopping point for grubbing today. He thought that it was a site that had not been recorded, since no one had informed him of any other geoglyphs, besides the Koko-P site. Damien, Mario, and I went over to the site and I figured out that it was part of CA-RIV-3419. We noticed at least four features that were possible geoglyphs; however, they were indeed outside of the ROW. There is flaked stone located within the ROW that extends through the section of this site that is near these possible geoglyphs. While we were walking around looking over the area, I discovered a possible shell bead located on the terrace. It displayed heavy patina, and may just be a fossil and not an artifact.

I also spoke with Damien about the foxhole that he had mentioned yesterday. We went over to the foxhole and determined that it was indeed inside of the ROW and that is part of SMB-H-257. I assume that this foxhole has already been recorded; however, I would like to find out for sure before the feature is destroyed. CA-RIV- 3419 is located approximately 300 m (900 feet) directly south of the stopping point for grubbing today. Since grubbing will extend at least an additional 900 LF tomorrow, we will obviously be entering this site near the grubbing stopping point tomorrow.

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

DATE: 4/21/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 7:50 AM **DEPARTURE:** 2:50 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east boundary of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching, clearing, grubbing, and grading/smoothing. Frank, the other heavy equipment operator, used a 450E CAT backhoe for backfilling the trench. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: A 900 LF V-trench was placed in so desert tortoise and silt fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading or smoothing this area next to the trench. Once finished, the operator began clearing the new area, further to the south, for approximately 900 LF. Once completed with the new clearing, he proceeded with grubbing this same area for approximately 900 LF. The operator then began grading/smoothing the area. In the afternoon, the other operator began backfilling the V-trench, and the motor grader operator did some more grading/smoothing.

MONITORING ACTIVITIES PERFORMED: 8:40 – 9:30 AM: Monitored motor grader as a V-trench was placed in for the desert tortoise fencing. The trench began at 708422E, 3724854N and ended at 708425E, 3724606N. It should be noted that there was a 100 m gap between yesterday's ending point for the trench, and today's starting point for the trench. The crew said that it is a cutback, and they should be filling in this gap tomorrow. The starting point for the trench was inside of site SMB-H-259. The trench also extended just outside of site SMB-H-860, which was located just to the east. The trench ended just a10 m to the northwest of site SMB-H-861.

9:45 – 10:00 AM: Monitored motor grader as it began grading/smoothing the area next to the V-trench.

10:00 – 11:40 AM: Monitored the motor grader as it began clearing vegetation and grubbing, simultaneously, beginning at 708430E, 3724534N, and stopping at 708439E, 3724284N. The new cleared and grubbed area extended near site SMB-H-861, located 10 to 30 m to the east of the ROW. The grubbing also extended through site SMB-H-257, and the foxhole that was located there was destroyed; however, it was determined that it was already formally recorded. I did take a couple of photos and shot in a GPS point before the feature was grubbed over. The ending point for the grubbed area is located

approximately 25 m (75 feet) northwest of the large terrace site, CA-RIV-3419. This stopping point is also 50 to 60 m (150 to 180 feet) directly north of this same site, and the clearing and grubbing will definitely be extending through this site tomorrow.

11:40 AM – 12:00 PM: No ground disturbance took place, so no monitoring was required. Mario and I met up with Matt Tennyson at the section of CA-RIV-3419 that had possible geoglyphs located several meters outside of the ROW, to the east. Matt stated that the features appeared to be fairly recent rockhound piles.

12:00 – 12:45 PM: Lunch

12:45 – 2:45 PM: Monitored motor grader as it was grading/smoothing. The backhoe operator was also backfilling the V-ditch.

CULTURAL RESOURCES PRESENT: No cultural resources were encountered within the subsurface. However, two cans were noticed on the surface just outside of the grubbing area. It is assumed that they were recorded during the initial site recording. One clear glass bottle was also noticed inside of SMB-H-257, but was just outside of the ROW.

NATIVE AMERICAN MONITOR (If present): Mario Morales

NON-COMPLIANCE: BLM – Damien Tietjen

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 7:00 AM. Tomorrow the grubbing area will extend through CA-RIV-3419. I was also informed by Erick that the starting time for tomorrow morning's meeting would take place at 6:00 AM, instead of 7:00 AM.

Again, Matt, Mario, and I visited the possible geoglyphs located inside of CA-RIV-3419; with the geoglyphs located approximately 40 to 50 m to the east of the ROW. Matt determined that these features are modern rockhound piles. Again, tomorrow there will be 900LF of trenching/fencing placed in, and another 900LF of grubbing/clearing.

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/22/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 6:45 AM **DEPARTURE:** 2:15 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east boundary of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching, clearing, grubbing, and grading/smoothing. Frank, the other heavy equipment operator, used a 450E CAT backhoe for backfilling the trench. Ralph also used this same backhoe for excavating the cutback trench for an area where a culvert will be placed in at a later date. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: A 900 LF V-trench was placed in so desert tortoise and silt fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading or smoothing this area next to the trench. Once finished, the operator began clearing and grubbing the new area, simultaneously, further to the south, for approximately 1000 LF. The operator then began grading/smoothing the area. In the afternoon, the other operator began backfilling the V-trench, and the motor grader operator did some more grading/smoothing. Ralph also used the backhoe to excavate a trench within the cutback area for a culvert that will be placed in at a later date. The trench was approximately 1-foot deep.

MONITORING ACTIVITIES PERFORMED: 7:00 – 7:40 AM: Monitored motor grader as a V-trench was placed in for the desert tortoise fencing. The trench began at 708428E, 3724602N and ended at 708433E, 3724360N. The trench extended through a small portion of the western boundary of site SMB-H-861. The trench also extended through the eastern portion of site SMB-H-257. The operator also did some grading/smoothing next to the trench area.

7:40 – 9:30 AM: Monitored motor grader as it began clearing and grubbing, simultaneously, beginning at 708439E, 3724280N, and stopping at 708457E, 3724087N. The grubbing area began extending through CA-RIV-3419, and the ROW will continue inside of this site for several hundred meters. During the grubbing, one hammerstone, one tested cobble, and one flake were encountered. One isolate was also recorded (ISO-1) which consisted of four fragments of decorated porcelain. This was recorded as an isolate because I was not sure if CA-RIV-3419 was multi-component. The isolate can be voided since I

discovered later in the day that this site wass indeed multi-component.

9:30 – 10:50: AM: No monitoring took place. The backhoe was down.

10:50 AM – 11:00 PM: Monitored motor grader as it was grading/smoothing.
11:00 – 11:30 PM: Lunch
11:30 – 12:50 PM: Monitored motor grader as it was grading/smoothing. The backhoe operator was also backfilling the V-ditch.
12:50 – 2:00 PM: Monitored backhoe excavation of a trench located in the cutback (the cutback mentioned yesterday). This cutback of the desert tortoise fencing will be the location of a culvert that will be placed in at a later date. There were five GPS taken for the corners of this trench, and they consist of 708422E, 3724880N; 708423E, 3724877N; 708432E, 3724876N; 708431E, 3724857N; and 708421E, 3724858N.

CULTURAL RESOURCES PRESENT: During grubbing, one hammerstone, one tested cobble, and one flake were observed inside of the ROW. One isolate was recorded (ISO-1) consisting of four historical-period decorated porcelain sherds from a single teacup. A blue-colored floral and bird decal pattern was displayed (the floral portion on the exterior and the bird portion on the interior).

NATIVE AMERICAN MONITOR (If present): Mario Morales

NON-COMPLIANCE: Damien Tietjen (BLM) was not present. Venito (CEC) was present.

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 6:00 AM. Apparently, the Kiewit crew discussed specifics about the excavation of the cutback (the cutback that I mentioned in my report from yesterday). I did not hear about the specifics of the cutback area of the trenching (neither did Mario). In the morning, once at the work site, I had asked Mike to inform me of when they would be excavating the cutback. He said that he would inform us when they would be doing so. In the afternoon, the crew began excavating the trench within the cutback, and we monitored it. However, we were not given very much notice; and in fact, Mario just happen to overhear them discussing their plans, with no one telling him directly about it at first. At the end of the day, Mario and I asked Erick and Mike, politely, to please give us more warning when they would be excavating something like that. Note, they were in compliance; however, the communication was poor as far as when they would be trenching the cutback, and no specifics about why it was being excavated were given prior to it being excavated. **Again, no cause for alarm since Mario and I spoke to them, and no ground disturbance took place without us being present.** I take partial responsibility for this miscommunication, and from now on I will be attending the entire duration of the morning meetings, since the schedule on the board does not always reflect all of the specific undertakings that take place.

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/25/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 6:40 AM **DEPARTURE:** 2:00 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east and west boundaries of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching, grubbing, and grading/smoothing. He also used a 450E CAT backhoe for the clearing of creosote and other vegetation. Frank, the other heavy equipment operator, used this same backhoe for backfilling the trench. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: A 900 LF V-trench was placed in on the east side of the ROW so desert tortoise and silt fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading or smoothing the area next to the trench. Once finished, the operator began clearing the new area located along the east side of the ROW, further to the south, for approximately 300 LF; and he also stopped just before a relatively large wash. The operator then hopped over to the west side of the ROW and began clearing an area further to the north (an area just south of where the end stop of the fencing was), for approximately 1000LF. After that, he began grubbing on the east side of the ROW. Once finished there, he began grubbing the west side of the ROW in the area that was cleared earlier. He then began grading and smoothing on the west side. The rest of the day, Ralph was smoothing and grading the east side, along with creating a windrow along the fencing. In the afternoon, Frank began backfilling the V-trench, and the motor grader operator did some more grading/smoothing.

MONITORING ACTIVITIES PERFORMED: 7:00 – 7:40 AM: Monitored motor grader as a V-trench was placed in for the desert tortoise fencing, within the east side of the ROW. The trench began at 708432E, 3724360N and ended at 708454E, 3724086N. The entire trench extended through CA-RIV-3419.

7:40 – 8:10 AM: Monitored motor grader as it began grading/smoothing the area next to the newly excavated trench on the east side of the ROW.

8:20 – 8:35 AM: Monitored as the operator used the backhoe for clearing the area south of where the

trenching ended on the east side of the ROW.

8:55 – 9:50 AM: Monitored as the backhoe operator cleared the area on the west side of the ROW, just south of where grubbing ended on April 12, 2011.

10:00 – 10:20 AM: Monitored grubbing on east side of ROW within the MPR, beginning at 708456E, 3724077N, and stopping at 708457E, 3723984N. The grubbing extended 300LF. The grubbing area continued to extend through CA-RIV-3419. During the grubbing, several flakes, cores, and tested cobbles were encountered.

10:30 AM – 11:00 AM: Monitored grubbing on west side of ROW within the MPR, beginning at 708361E, 3724456N, and ending at 708430E, 3724000N. The grubbing extended 1000LF. The grubbing began outside of any known sites; however, it eventually went through CA-RIV-3419, towards the stopping point. The grubbing extended next to site SMB-H-257, just to the west of the site.
11:00 – 11:45 PM: Lunch
11:45 AM – 12:50 PM: Monitored motor grader as it continued grubbing and grading/smoothing activities on the west side of the ROW within the MPR. The backhoe operator was also backfilling the V-ditch, periodically.
12:50 – 2:00 PM: Continued monitoring the motor grader as it was grading/smoothing. The backhoe continued to backfill, periodically.

CULTURAL RESOURCES PRESENT: During grubbing, several flakes, cores, and tested cobbles were encountered within both the east and west sides of the ROW. There was also a historical-period refuse scatter within the ROW. One historical-period refuse concentration (mostly cans) was located within the western portion of the ROW, and was impacted by the clearing and grubbing; however, this was already recorded during a previous field rotation.

NATIVE AMERICAN MONITOR (If present): Mario Morales
NON-COMPLIANCE: Damien Tietjen (BLM); and Venito (CEC).

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 6:00 AM. The 3-Week schedule did not mention work on the west side of the ROW for today; however, work did begin. A total of 300LF of grubbing took place on the eastern side, and approximately 1000LF was grubbed on the western side of the ROW. Tomorrow the grubbing will continue on the west side, presumably for another 1000LF. The grubbing will also continue to extend through CA-RIV-3419. The fencing crew will continue on the eastern side of the ROW, and may also start work on the western side of the ROW.
I also spoke with Erick about better communication as far as ground disturbance is concerned. It sounds like Kiewit has not really worked around monitors prior to working on this project. I told them to alert Mario and I whenever they change up excavation activities because we do not always know when they

are going to be moving, even though it is discussed during the morning meetings.

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/26/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 6:45 AM **DEPARTURE:** 2:00 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east and west boundaries of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching along the west side of the ROW within the MPR, and also for grading/smoothing on the west and east sides of the ROW. No clearing or grubbing took place today. He also used a 450E CAT backhoe for backfilling the fence cutback (placed in for a future culvert) located on the east side of the ROW. Frank, the other heavy equipment operator, used this same backhoe for backfilling this same trench, and also for backfilling the fencing trench on the west side of the MPR. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: An approximately 1700LF V-trench was placed in on the west side of the ROW, so desert tortoise fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading/smoothing the area next to the trench. A total of 1700LF of fencing stakes were placed in; however, only 900LF of the actual tortoise fencing was completed today. The fencing crew also completed fencing at the cutback (placed in for a future culvert) located on the east side of the ROW, and the trench for the fencing was also backfilled by the backhoe. The grader also produced a windrow for both the east and west sides of the ROW, along the desert tortoise fencing. No clearing or grubbing took place today.

MONITORING ACTIVITIES PERFORMED: 7:10 – 8:35 AM: Monitored motor grader as a V-trench was placed in for the desert tortoise fencing, on the west side of the ROW. The trench began at 708356E, 3724765N and ended at 708385E, 3724293N. The trench extended through SMB-H-256; and also extended just outside of SMB-H-258 and SMB-H-257, which are both located east of the trench.

8:35 – 10:25 AM: No monitoring required. No clearing or grubbing took place due to the required buffer zone for Bio (wash area with nesting birds present).

10:25 – 11:00 AM: Ralph backfilled the trench located within the fencing cutback for a culvert that will be placed in at a later date. The northern corner point for this area is 708422E, 3724880N and the southernmost point is 708422E, 3724880N. A total of five GPS points were taken last Friday, and the

most eastern extent is located at 708432E. This cutback was located inside of SMB-H-259, with no artifacts encountered.

11:00 – 11:45 AM: Lunch

12:15 – 1:00 PM: Frank took over for Ralph, and he finished backfilling the fence cutback trench.

1:00 – 1: 45 PM: Ralph produced a windrow for both the east and west side trenches along the fences. He also did some more grading/smoothing.

CULTURAL RESOURCES PRESENT: No cultural resources were encountered during ground disturbance.

NATIVE AMERICAN MONITOR (If present): Mario Morales

NON-COMPLIANCE: Damien Tietjen (BLM); and Venito (CEC).

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 6:00 AM. During the morning meeting, it was mentioned that no clearing or grubbing would take place because of a Bio issue within the wash. I've been told that nesting birds are within some of the trees just outside of the ROW; however, the trees are just close enough that the heavy machinery would be considered a noise disturbance.

I also attended the Tuesday afternoon meeting at Kiewit from 3:00 – 3:30. The 3-Week schedule was discussed. Apparently, the soonest that there will be more grubbing or clearing will be on Thursday. A letter was sent to the Dept. of Fish and Game, in regards to the nesting birds. They must give approval first before any heavy machinery can enter into the wash, which is the next area that crews need to perform work at. In the meantime, DTF will proceed on the west side of the ROW. I believe that Ralph will create a new trench on the remaining portion of the area that was grubbed on Monday, but will not perform any more ground disturbance beyond that until they get approval to proceed through the wash area (where the nesting birds are).

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/27/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 6:45 AM **DEPARTURE:** 2:00 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east and west boundaries of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching and grading/smoothing along the west side of the ROW within the MPR; and also for grading/smoothing on the west and east sides of the ROW, further to the north in an area of the MPR that was grubbed and fenced weeks ago (when Katherine was monitoring). No clearing or grubbing took place today. Frank used a 450E CAT backhoe for backfilling the new fencing trench on the west side of the MPR. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: An approximately 600LF V-trench was placed in on the west side of the ROW, so desert tortoise fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading/smoothing the area next to the trench. No clearing or grubbing took place today for the same reason as yesterday (a BIO issue). A total of approximately 600LF of fencing stakes was placed in; however, only approximately 500LF of the actual tortoise fencing was completed today. The trench for the fencing was also backfilled by the backhoe. The grader also produced a windrow for the west side of the ROW, along the desert tortoise fencing. To kill time, the grader also graded/smoothed the west and east sides of the ROW further to the north, in an area of the MPR that was grubbed and fenced weeks ago (when Katherine was monitoring).

MONITORING ACTIVITIES PERFORMED: 7:20 – 8:00 AM: Monitored motor grader as a V-trench was placed in for the desert tortoise fencing, on the west side of the ROW. The trench measured approximately 600LF. The trench began at 708383E, 3724293N and ended at 708423E, 3724112N. The trench began outside of any known sites; however, the trench ended inside of CA-RIV-3419.

8:00 – 8:10 AM: The motor grader graded/smoothed within the grubbed area next to the new V-trench area.

8:10 – 8:50 AM: No ground disturbance was taking place.

8:50 – 10:20 AM: Monitored grading/smoothing on the west and east sides of the ROW, within an area that Katherine had initially monitored, located further to the north. This area had become too sandy, so it was being graded to make it more compact.

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

10:20 – 11:00 AM: Monitored grading/smoothing along the west side of the ROW, closest to the newer fencing area and today's trench. A windrow for the fence was also being created.

11:15 – 11:45 AM: Lunch

11:45 – 12: 40 PM: Continued monitoring grading/smoothing, and the creation of a windrow for the fencing.

1:20 – 1:50 PM: Continued monitoring grading/smoothing, along with the backfilling of the fencing trench.

CULTURAL RESOURCES PRESENT: No cultural resources were encountered during ground disturbance. However, there was flaked stone (flakes, cores, tested cobble) noticed on the surface within the undisturbed portions of the ROW. I was also notified of a pottery sherd within the ROW, but further to the south (see **COMMENTS** section).

NATIVE AMERICAN MONITOR (If present): Mario Morales

NON-COMPLIANCE: Damien Tietjen (BLM); and Venito (CEC).

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 6:00 AM. During the morning meeting, it was mentioned that no clearing or grubbing would take place because of a Bio issue within the wash (same issue as yesterday). We will find out tomorrow if clearing or grubbing will take place. There is a small portion of trenching that is left to do (may be 150LF).

In the morning, Damien mentioned that he had discovered a pottery sherd located further south within the ROW. I was told by Matt not to collect it (per the BLM archaeologist, George Klein). Upon leaving the work site for the day, Damien, Mario, and I went over to the sherd and I took a GPS point and photograph. Tomorrow I will record it. The sherd is a brownware rim sherd with no decoration present, and it may be part of an olla. The sherd is located within the northeastern extent of site SMB-M-261(262).

Also, I notified Morgan and Benny about being involved in a police report. One of the private property owners near the work site (Robin) wanted me to provide a description of some individuals that have been trespassing onto his property. I witnessed these individuals driving through the project area, and they did indeed look "shady". These individuals have been known to steal and commit arson within the vicinity, so it is recommended that flagging next to artifacts be pulled, and not be left out overnight. I will provide more details if necessary.

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/28/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 7:20 AM **DEPARTURE:** 1:50 PM

PROJECT AREA(S): (Location**)** The main plant road, within the east and west boundaries of the right-of-way (ROW). Work was performed at the well yard and at Unit A, but no monitoring was required.

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching and grading/smoothing along the east and west sides of the ROW within the MPR. No clearing or grubbing took place today. Frank used a 450E CAT backhoe for backfilling the new fencing trench on the west side of the MPR. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: During the morning, the grader operator was working over in the well yard, performing maintenance on the existing ramp that leads up to the water tank. I was told that no new ground disturbance would be taking place, so no monitoring would be required. It should be noted that Katherine was present for the intial construction of the ramp, and no cultural resources were encountered during this time. Most of the morning, the backhoe was backfilling the fencing trenches on the west and east sides of the ROW on the MPR. The fencing crew began constructing more DT fencing on the east side. Once the grader was finished at the well yard, he came back over to the MPR and a 600LF V-trench was placed in on the west side of the ROW, so desert tortoise fencing could be constructed. While the fencing crew was constructing this fence, the grader operator began grading/smoothing the area next to the trench. Next, the grader operator began placing in a V-trench along the east side of the ROW of the MPR, along with some grading/smoothing. This new trench measured 300LF. In the afternoon, no ground disturbing activities took place. No clearing or grubbing took place today for the same reason as yesterday (a BIO issue). The fencing crew completed 700LF of fencing on the west side, and 100LF of fence on the east side of the ROW.

MONITORING ACTIVITIES PERFORMED: 6:50 – 7:10 AM: I relocated the brownware sherd located within site SMB-M-261(262), and I recorded it, but did not collect it (per Matt, per the BLM archaeologist, George Klein).

7:30 – 8:20 AM: Monitored backfilling of west side V-trench, performed by backhoe; although, no new ground disturbance took place. The fencing crew started constructing the fence.

8:20 – 8:50: No ground disturbance, so no monitoring. The fencing crew continued to construct the fence

along the east side of the ROW.

8:50 – 9:30 AM: More backfilling along the east side of the ROW.

9:30 – 9:55 AM: No ground disturbance. Fence construction continued.

9:55 – 10:20 AM: Monitored motor grader as a V-trench was placed in for the desert tortoise fencing, on the west side of the ROW; along with some grading/smoothing. The trench measured approximately 600LF. The trench began at 708419E, 3724118N and ended at 708429E, 3723996N. This entire portion of the trench extended through CA-RIV-3419.

10:20 – 11:00 AM: Monitored motor grader as a V-trench was placed in for the desert tortoise fencing, on the east side of the ROW; along with some grading/smoothing. The trench measured approximately 300LF. The trench began at 708456E, 3724084N and ended at 708458E, 3723999N. This entire portion of the trench extended through CA-RIV-3419.

11:00 – 11:40 AM: Lunch

11:40 AM – 1:45 PM: No ground disturbance. The fencing crew continued to construct fencing on both east and west sides of the ROW. Ralph was over at the well yard.

CULTURAL RESOURCES PRESENT: No cultural resources were encountered during ground disturbance. However, there was flaked stone (flakes, cores, tested cobble) noticed on the surface within the undisturbed portions of the ROW. I relocated and recorded the brownware rim sherd within the ROW; however, this sherd is located further to the south (see **COMMENTS** section). The sherd is located within site SMB-M-261(262), and is at 708470E, 3722644N.

NATIVE AMERICAN MONITOR (If present): Mario Morales

NON-COMPLIANCE: Damien Tietjen (BLM); and Venito (CEC).

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 6:00 AM. During the morning meeting, it was mentioned that no clearing or grubbing would take place because of a Bio issue within the wash (same issue as Tuesday and Wednesday). We will find out tomorrow if clearing or grubbing will take place.

During the morning, the grader operator was at the well tank, and was performing maintenance of the existing ramp for the water tank. No new ground disturbance is taking place over there, so no monitoring was required. I was told that Katherine was monitoring during the initial construction of the ramp, and that no cultural resources were discovered. Much farther to the north, soil cement was being sprayed onto the area within Unit A, and I was told that no ground disturbance was to take place, so no monitoring was required there, as well. Mario said that he and Katherine had monitored this area during the initial clearing, grubbing, and grading, with no cultural resources encountered.

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

BLYTHE SOLAR POWER PROJECT DAILY ARCHAEOLOGICAL MONITORING LOG

DATE: 4/29/2011

ARCHAEOLOGICAL MONITOR: Julie Sage

FACILITY: Kiewit

ARRIVAL: 6:45 AM **DEPARTURE:** 1:45: PM

PROJECT AREA(S): (Location**)** The main plant road, within the west and east boundaries of the right-of-way (ROW).

TYPE OF WORK AND EQUIPMENT: The heavy equipment operator, Ralph, used a John Deere 772GP motor grader for trenching and grading/smoothing on the west side of the ROW; and grading/smoothing on the east side of the ROW within the MPR. A 450E CAT backhoe was used for clearing, prior to grubbing, on the west side of the ROW. Frank used this same backhoe for backfilling the new fencing trench on the west and east sides of the MPR. A water truck and a 185R air compressor were also present on the work site.

SUMMARY OF CONSTRUCTION ACTIVITIES PERFORMED: The fencing crew began constructing more DT fencing on the west and east sides. Ralph began clearing within the west side fo the ROW, and then began grubbing this area. Once finished with grubbing, he created a 700LF V-trench on the west side of the ROW, so additional desert tortoise fencing could be constructed. The grader operator began grading/smoothing the area next to the trench once finished with trenching. In the afternoon, no ground disturbing activities took place. The fencing crew completed 300LF of fencing on the west side, and 300LF of fence on the east side of the ROW. The grader and the backhoe were both utilized for backfilling both of the fence trenches (V-trenches) on the west and east sides.

MONITORING ACTIVITIES PERFORMED: 7:30 – 7:45 AM: Monitored the backhoe during the clearing of the west side of the ROW.

7:55– 8:50 AM: Monitored motor grader as it was grubbing the west side of the ROW. The grubbing began at 708429E, 3723999N and ended at 708434E, 3723781N. The majority of the grubbing extended through CA-RIV-3419, with the exception of 15 linear meters gap that was not inside of the site.

9:30 – 10:30 AM: Monitored motor grader as a 700LF V-trench was created so DTF could be constructed. The trench began at 708429E, 3723998E and ended at 708433E, 3723814N.

10:30 – 11:00 AM: No ground disturbance. Fence construction continued.

11:00 – 11:30 AM: Lunch

11:30 – 12:20 PM: No ground disturbance. The fencing crew continued to construct fencing on both the

east and west sides of the ROW.

12:20 – 1:45: No ground disturbance. However, the backhoe and grader backfilled portions of the fencing trenches on both the west and east sides of the ROW.

CULTURAL RESOURCES PRESENT: No cultural resources were encountered during ground disturbance. However, there was flaked stone (flakes, cores, tested cobble) noticed on the surface within the cleared/grubbed areas, and also within the undisturbed portions of the ROW.

NATIVE AMERICAN MONITOR (If present): Mario Morales

NON-COMPLIANCE: Vinith Bogoda (CEC); Ray Romero (BIO, AECOM)

COMMENTS (use back if necessary)**:** I attended the safety meeting in the morning at 6:00 AM. The Dept. of Fish & Game approved clearance for grubbing and clearing within the wash. Only the west side of the ROW was cleared, grubbed, and trenched today. No ground disturbance took place on the east side of the ROW. Fence construction took place on both the west and east sides of the ROW. The west side trench measured 700LF; the fence on the west side was 300LF; and the fence on the east side was 300LF. I was also told that work at Unit A continued here, with soil cementing taking place. However, no monitoring was required because no ground disturbance was taking place.

LOG FILED WITH MONITORING SUPERVISOR: Benjamin Vargas

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

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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

May 6, 2011

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

Dear Mr. Luttrell,

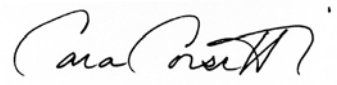
This letter is to update you on SWCA Environmental Consultants paleontological monitoring and mitigation activities at the BSPP site during the period of April 1 to April 30, 2011. Construction work in April was limited to the Phase 1A area. Phase 1A includes development of the initial production well, 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.

During this period, no activities resulted in trenching or excavations greater than 5 feet in depth, and no work was performed in designated paleontologically sensitive areas requiring more than part time 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. Paleontological monitor Jess DeBusk performed paleontological monitoring during desert tortoise fence installation along the western boundary of the Main Access Road on April 8th and April 29th, 2011. No significant paleontological

resources were discovered, and no issues or concerns regarding paleontological resources were identified during this time. However, two fragmented non-significant fossil occurrences were observed on the ground surface and were documented. On April 8th, Jess DeBusk observed likely Cretaceous-aged petrified wood fragments that were not *in situ* and had washed into the project area from an older surrounding geologic unit, most likely the Cretaceous McCoy Mountain Formation to the west of the project area. The fragments were determined to be non-significant due to their lack of provenience and the inability to identify them to a lower taxonomic level. On April 29th, a small fragment of a possible crinoid was observed in float, having washed into the project area from a much older surrounding geologic unit. The specimen was unidentifiable to a lower level and lacked provenience so it was determined to be a non-significant fossil occurrence. Both finds were photographed and documented accordingly.

It is a pleasure working with you on this project. If you have any questions please do not hesitate to contact me.

Respectfully,



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

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

Monthly Compliance Report #6

Exhibit 7
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.	PAULA GROSS	PRES.	
2.	EVERGREEN SPRAY		
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

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

Administrator John Upton 4/1/11

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 Light	Laborers BA	[illegible]
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

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

Administrator: Erick Espinoza [illegible] 4/8/11

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.	JAMES Clements	All Pro Pumping	James Clements
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

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

Administrator: Erick Espinosa [signature] 4/13/11

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.	Julie Sage	CRM - AECOM	Julie Sagl
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

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

Administrator: Erick Espinosa [signature] 4/18/11

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.	Jim Garcia	DRIVER / Midwest	
2.	ED MORSE	Sup: MIDWEST	
3.	Rusty Brown	DSM / Kiewit	
4.	Dave Settle	DEVM / Kiewit	
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

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

Administrator: Erick Espinosa 4/28/11

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.	ERIC GERMIN	AECOM	
2.	Milo J. Rivera	AECOM	
3.	Robert Stanley	Teamsters	
4.	JOHN V. FLOT	I.U.O.E LOCAL 12	
5.	Nick Paternoster	Hub Sales	
6.	Bob Wiley	Teamsters Local 166	
7.	JOHN DAVIDSON	TEAMSTER APPRENTICESHIP	
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Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

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

Administrator: Eric Ramirez 4/29/11

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

Monthly Compliance Report #6

Exhibit 8
SWPPP Inspection Checklists

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 4/8/11

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

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 exists 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: Erick Espinosa DATE: 4/8/11

DAYS SINCE LAST RAINFALL: 3/21/11 AMOUNT OF LAST RAINFALL .04 INCHES

STABILIZATION MEASURES

LOCATION	ISSUE	DATE OF NEXT FINDING	CORRECTIVE ACTION? (YES/NO)	CORRECTED BY	DATE CORRECTED
E-W connector Road	Tear in upper silt fence		Yes	Jerry	4/8/11

GENERAL NOTES:

TO BE PERFORMED BY: Jerry ON OR BEFORE: 4/8/11

INSPECTOR: Erick Espinosa DATE: 4/8/11 TIME: 11am

COMPLETED BY: Jerry DATE: 4/8/11 TIME: 1:30pm

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: Erick Espinosa

Name: Erick Espinosa

Title: Environmental Manager

Date: 4/8/11

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 4/14/11

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 exists 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: Erick Espinosa DATE: 4/14/11

DAYS SINCE LAST RAINFALL: 3/21/11 AMOUNT OF LAST RAINFALL .04 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: N/A DATE: TIME:

COMPLETED BY: N/A DATE: TIME:

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: Erick Espinosa

Name: Erick Espinosa

Title: Environmental Manager

Date: 4/14/11

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 4/21/11

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 exists 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 ves 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 additi .nal 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 perfonned 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: Erick Espinosa DATE: 4/21/11

DAYS SINCE LAST RAINFALL: 3/21/11 AMOUNT OF LAST RAINFALL .04 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: DATE: TIME:

COMPLETED BY: DATE: TIME:

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: Erick Espinoza

Name: Erick Espinoza

Title: Environmental Manager

Date: 4/21/11

TORTOISE FENCE & STORM WATER POLLUTION PREVENTION PLAN

SEDIMENT CONTROLS INSPECTION CHECKLIST

DATE: 4/29/11

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.

✓ 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 exists 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: Erick Espinosa DATE: 4/29/11

DAYS SINCE LAST RAINFALL: 3/21/11 AMOUNT OF LAST RAINFALL .04 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: N/A DATE: _____ TIME: _____

COMPLETED BY: N/A DATE: _____ TIME: _____

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: Erick Espinosa

Name: Erick Espinosa

Title: Enviromental Manager

Date: 4/29/11

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

Monthly Compliance Report #6

Exhibit 9
Daily Water Usage Log

Daily Water Meter Usage

Well Location	Date	Meter Read	Today's Use	TD QTY (gal)	TD Acre-Feet	Kiewit Rep.	Times Pump is On
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
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
Test Well #2	3/7/2011	958,500	14,500	955,400	2.93	Mike Moneymaker	7:30-7:45, 1:36-1:50
Test Well #2	3/8/2011	975,500	17,000	972,400	2.98	Mike Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	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 Moneymaker	12:55-1:00, 1:56-2:00

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 #6

Exhibit 10
CBO Approvals

April 4, 2011

Blythe Solar Power Project – **Final Review**
WC^3 Permit No.: BSPP-CIVL-1-015_PCF

Mr. Steve Lorenz, P.E.
Project Manager
Kiewit Power Engineers Co.
9401 Renner Boulevard
Lenexa, KS 66219
Sent via email: steve.lorenz@kiewit.com

Re: Plan Review: CIVIL-1, (Rough Grading)
Location: Blythe Solar Power Project, Riverside County, CA

Dear Mr.Lorenz:

On behalf of the California Energy Commission, West Coast Code Consultants, Inc. (WC^3**)** has completed the **final** review of the documents listed on the attached sheet, as they relate to the stated subject above.

The California Energy Commission (CEC) Commission Decision for the Blythe Solar Power Project Application for Certification (09-AFC-6) dated September, 2010, was used as the basis of our review and compliance.

The acceptance of this specified portion of the project, as part of the construction documents, is **pending the electronic stamp and signature of the responsible engineer**. In order to issue the acceptance letter for this portion of the Blythe Project, please submit the final stamped and signed documents through the WC^3 document portal.

The documents submitted must be the same documents reviewed by the plan check engineer or additional comments may occur.

Should you have any questions please feel free to contact us.

Sincerely,

West Coast Code Consultants, Inc. (WC^3)

GiyanSenaratne,S.E. J
StructuralEngineer
ICBO/ICC/IRC Plans Examiner

CC: Mary Dyas, California Energy Commission (mdyas@energy.state.ca.us)
Amber Phillips, Project and CBO Coordinator, Kiewit Power Engineers Co.(amber.phillips@kiewit.com)
Maggie Wilkerson, Solar Millennium LLC (Wilkerson@solarmillennium.com)
Naim Triki, Solar Millennium LLC (Triki@solarmillennium.com)
Subhendu Banerjee, Solar Millennium LLC (Banerjee@solarmillennium.com)

WEST COAST CODE CONSULTANTS, INC.
2400 Camino Ramon, Suite #240 Phone - (925) 275-1700 Fax - (925) 275-0600
San Ramon, CA 94583 e-Mail - info@wc-3.com Web -www.wc-3.com

April 26, 2011

Blythe Solar Power Project – Final Review
WC^3 Permit No.: BSPP-STRUC-1-015_PCF

Mr. Steve Lorenz, P.E.
Project Manager
Kiewit Power Engineers Co.
9401 Renner Boulevard
Lenexa, KS 66219
Sent via email: steve.lorenz@kiewit.com

Re: Plan Review: STRUC-1 (Flagsol Specifications for Heat Collection Elements)
Location: Blythe Solar Power Project, Riverside County, CA

Dear Mr.Lorenz:

On behalf of the California Energy Commission, West Coast Code Consultants, Inc. (WC^3**)** has completed the **final** review of the documents listed on the attached page, as they relate to the stated subject above.

The California Energy Commission (CEC) Commission Decision for the Blythe Solar Power Project Application for Certification (09-AFC-6) dated September 2010, was used as the basis of our review.

The acceptance of this specified portion of the project, as part of the construction documents, is **pending the electronic stamp and signature of the responsible engineer**. In order to issue the acceptance letter for this portion of the Blythe Project, please submit the final stamped and signed documents through the WC^3 document portal.

Should you have any questions please feel free to contact us.

Sincerely,

West Coast Code Consultants, Inc. (WC^3)

GiyanSenaratne, PE, SE, LEED AP, CASp
Delegate Chief Building Official

CC: Mary Dyas, California Energy Commission (mdyas@energy.state.ca.us)
Amber Phillips, Project and CBO Coordinator, Kiewit Power Engineers Co.(amber.phillips@kiewit.com)
Maggie Wilkerson, Solar Millennium LLC (Wilkerson@solarmillennium.com)
Naim Triki, Solar Millennium LLC (Triki@solarmillennium.com)
Subhendu Banerjee, Solar Millennium LLC (Banerjee@solarmillennium.com)

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San Ramon, CA 94583 e-Mail - info@wc-3.com Web -www.wc-3.com

LIST OF DOCUMENTS REVIEWED

Specification:
(by Flagsol, LLC.)

- BL1-W_-3H-SS-FLG10252 dated September 06, 2010

April 26, 2011

Blythe Solar Power Project – Final Review
WC^3 Permit No.: BSPP-STRUC-1-014_PCF

Mr. Steve Lorenz, P.E.
Project Manager
Kiewit Power Engineers Co.
9401 Renner Boulevard
Lenexa, KS 66219
Sent via email: steve.lorenz@kiewit.com

Re: Plan Review: STRUC-1 (Flagsol Specifications for Mirrors)
Location: Blythe Solar Power Project, Riverside County, CA

Dear Mr.Lorenz:

On behalf of the California Energy Commission, West Coast Code Consultants, Inc. (WC^3**)** has completed the **final** review of the documents listed on the attached page, as they relate to the stated subject above.

The California Energy Commission (CEC) Commission Decision for the Blythe Solar Power Project Application for Certification (09-AFC-6) dated September 2010, was used as the basis of our review.

The acceptance of this specified portion of the project, as part of the construction documents, is **pending the electronic stamp and signature of the responsible engineer**. In order to issue the acceptance letter for this portion of the Blythe Project, please submit the final stamped and signed documents through the WC^3 document portal.

Should you have any questions please feel free to contact us.

Sincerely,

West Coast Code Consultants, Inc. (WC^3)

GiyanSenaratne, PE, SE, LEED AP, CASp
Delegate Chief Building Official

CC: Mary Dyas, California Energy Commission (mdyas@energy.state.ca.us)
Amber Phillips, Project and CBO Coordinator, Kiewit Power Engineers Co.(amber.phillips@kiewit.com)
Maggie Wilkerson, Solar Millennium LLC (Wilkerson@solarmillennium.com)
Naim Triki, Solar Millennium LLC (Triki@solarmillennium.com)
Subhendu Banerjee, Solar Millennium LLC (Banerjee@solarmillennium.com)

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San Ramon, CA 94583 e-Mail - info@wc-3.com Web -www.wc-3.com

LIST OF DOCUMENTS REVIEWED

Specification:
(Plans by Flagsol, LLC.)

- BL1-W_-3M-RO-FLG10253-02 dated August 31, 2010
- BL1-W_-3M-SS-FLG10255 S140 Rev D dated May 21, 2009

April 29, 2011

Blythe Solar Power Project – **Acceptance**
WC^3 Job No.: BSPP-Civil-1-003_FA

Ms. Mary Dyas
Compliance Project Manager
California Energy Commission
Energy Facilities Siting Division
1516 Ninth Street, MS 2000
Sacramento, CA 95814-5512
Sent via email: mdyas@energy.state.ca.us

Re: Plan Review: Civil-1 (Access Road Plans)
Location: Riverside County, CA

Dear Ms. Dyas:

On behalf of the California Energy Commission, West Coast Code Consultants, Inc. (WC^3) has reviewed the plans and documents, listed on the attached sheet, as they relate to the stated subject above.

Documents appear to be in compliance with a portion of the Condition Civil-1, established by the California Energy Commission (CEC) Commission Decision (09-AFC-6), dated September 2010, and have been accepted as part of the construction documents. **Please note that we have no further comments, however, we bring the following to your attention:**

1. As a **condition-of-approval** the design calculations, drawings, and specifications for the corrugated steel pipe and concrete box culverts shall be submitted to our office for review and approval prior to their installation.

Accepted permit documents have been stamped and signed by WC^3 and upload to the WC^3 portal. Documents may be printed and utilized for construction of the Blythe Solar Power Project in Riverside County, California as agreed upon between the documentation author and Solar Millennium.

Sincerely,

West Coast Code Consultants, Inc. (WC^3)

Giyan Kularatne, P.E., S.E., LEED AP, CASp
Delegate Chief Building Official
Structural Engineer
ICBO/ICC/IRC Plans Examiner
Principal / CEO

cc Steve Lorenz, Project Manager, Kiewit Powers Engineers Co. (steve.lorenz@kiewit.com)
Amber Phillips, Project and CBO Coordinator, Kiewit Power Engineers Co (amber.phillips@kiewit.com)
Maggie Wilkerson, Solar Millennium LLC (Wilkerson@solarmillennium.com)
Naim Triki, Solar Millennium LLC (Triki@solarmillennium.com)
Subhendu Banerjee, Solar Millennium LLC (Banerjee@solarmillennium.com)

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San Ramon, CA 94583 e-Mail - info@wc-3.com Web -www.wc-3.com

Documents Accepted for Civil-1 (ACCESS ROAD) Permit:

2008-045-CD-104	Storm Water Details	3/16/2011	Rev2
2008-045-CP-104A	Wingwall Details	3/16/2011	Rev2
2008-045-CP-113	Access Road Plan & Profile	12/17/2010	Rev2
2008-045-CP-114	Access Road Plan & Profile	12/17/2010	Rev2
2008-045-CP-115	Access Road Plan & Profile	12/17/2010	Rev2
2008-045-CP-150	Culvert B Plan & Profile	3/16/2011	Rev3
2008-045-CP-151	Culvert D Plan & Profile	3/16/2011	Rev3
2008-045-CP-152	Culvert E Plan & Profile	3/16/2011	Rev3
2008-045-CP-153	Culvert I Plan & Profile	3/16/2011	Rev2
2008-045-CP-154	Culvert J Plan & Profile	3/16/2011	Rev3
2008-045-CP-155	Culvert K Plan & Profile	3/16/2011	Rev3
2008-045-CP-156	Culvert L Plan & Profile	3/16/2011	Rev3
2008-045-CP-157	Culvert M Plan& Profile	3/16/2011	Rev3
2008-045-CP-158	Culvert N Plan & Profile	3/16/2011	Rev3
2008-045-CP-159	Culvert O Plan & Profile	12/01/2010	Rev1

April 26, 2011

Blythe Solar Power Project – **Final Review**
WC^3 Permit No.: BSPP-Mech-1-050_PCF

Mr. Steve Lorenz, P.E.
Project Manager
Kiewit Power Engineers Co.
9401 Renner Boulevard
Lenexa, KS 66219
Sent via email: steve.lorenz@kiewit.com

Re: Plan Review: Mech-1, (P&IDs Closed Cooling Water)
Location: Blythe Solar Power Project, Riverside County, CA

Dear Mr.Lorenz:

On behalf of the California Energy Commission, West Coast Code Consultants, Inc. (WC^3**)** has completed the **final** review of the documents listed on the attached sheet, as they relate to the stated subject above.

The California Energy Commission (CEC) Commission Decision for the Blythe Solar Power Project Application for Certification (09-AFC-6) dated September, 2010, was used as the basis of our review and compliance.

The acceptance of this specified portion of the project, as part of the construction documents, is **pending the electronic stamp and signature of the responsible engineer**. In order to issue the acceptance letter for this portion of the Blythe Project, please submit the final stamped and signed documents through the WC^3 document portal.

The documents submitted must be the same documents reviewed by the plan check engineer or additional comments may occur.

PLEASE NOTE: On drawing number 2008-045-PS 270, in Note 1, the word PROPYLENE is spelled incorectly (it is spelled PROYLENE in the note).

Should you have any questions please feel free to contact us.

Sincerely,

West Coast Code Consultants, Inc. (WC^3)

GiyanSenaratne,S.E.
StructuralEngineer
ICBO/ICC/IRC Plans Examiner

CC: Mary Dyas, California Energy Commission (mdyas@energy.state.ca.us)
Amber Phillips, Project and CBO Coordinator, Kiewit Power Engineers Co.(amber.phillips@kiewit.com)
Maggie Wilkerson, Solar Millennium LLC (Wilkerson@solarmillennium.com)
Naim Triki, Solar Millennium LLC (Triki@solarmillennium.com)
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LIST OF DOCUMENTS REVIEWED

Drawings:

- 2008-045-PS-270 Rev. A by Kiewit dated November 02, 2010
- 2008-045-PS-271 Rev. A by Kiewit dated November 02, 2010
- 2008-045-PS-272 Rev. A by Kiewit dated November 02, 2010
- 2008-045-PS-273 Rev. A by Kiewit dated November 02, 2010

April 26, 2011

Blythe Solar Power Project – **Final Review**
WC^3 Permit No.: BSPP-Mech-1-047_PCF

Mr. Steve Lorenz, P.E.
Project Manager
Kiewit Power Engineers Co.
9401 Renner Boulevard
Lenexa, KS 66219
Sent via email: steve.lorenz@kiewit.com

Re: Plan Review: Mech-1, (P&IDs Condensate)
Location: Blythe Solar Power Project, Riverside County, CA

Dear Mr.Lorenz:

On behalf of the California Energy Commission, West Coast Code Consultants, Inc. (WC^3**)** has completed the **final** review of the documents listed on the attached sheet, as they relate to the stated subject above.

The California Energy Commission (CEC) Commission Decision for the Blythe Solar Power Project Application for Certification (09-AFC-6) dated September, 2010, was used as the basis of our review and compliance.

The acceptance of this specified portion of the project, as part of the construction documents, is **pending the electronic stamp and signature of the responsible engineer**. In order to issue the acceptance letter for this portion of the Blythe Project, please submit the final stamped and signed documents through the WC^3 document portal.

The documents submitted must be the same documents reviewed by the plan check engineer or additional comments may occur.

Should you have any questions please feel free to contact us.

Sincerely,

West Coast Code Consultants, Inc. (WC^3)

GiyanSenaratne,S.E.
StructuralEngineer
ICBO/ICC/IRC Plans Examiner

CC: Mary Dyas, California Energy Commission (mdyas@energy.state.ca.us)
Amber Phillips, Project and CBO Coordinator, Kiewit Power Engineers Co.(amber.phillips@kiewit.com)
Maggie Wilkerson, Solar Millennium LLC (Wilkerson@solarmillennium.com)
Naim Triki, Solar Millennium LLC (Triki@solarmillennium.com)
Subhendu Banerjee, Solar Millennium LLC (Banerjee@solarmillennium.com)

West Coast Code Consultants, Inc.
2400 Camino Ramon, Suite #240 Phone - (925) 275-1700 Fax - (925) 275-0600
San Ramon, CA 94583 e-Mail - info@wc-3.com Web -www.wc-3.com

LIST OF DOCUMENTS REVIEWED

Drawings:

- 2008-045-PS-050 Rev. B by Kiewit dated April 11, 2011
- 2008-045-PS-051 Rev. B by Kiewit dated April 11, 2011
- 2008-045-PS-052 Rev. B by Kiewit dated April 11, 2011
- 2008-045-PS-053 Rev. B by Kiewit dated April 11, 2011
- 2008-045-PS-054 Rev. B by Kiewit dated April 11, 2011

LIST OF DOCUMENTS REVIEWED

Plans:

2008-045-CN-300A	Cover Sheet	1/18/2011	Rev A
2008-045-CN-301A	Notes, Abbreviations and Legends	1/18/2011	Rev A
2008-045-CD-300A	Erosion Control Details Shared Facilities	1/18/2011	Rev A
2008-045-CG-300A	Grading Key Plan Shared Facilities	1/18/2011	Rev A
2008-045-CG-343	Grading Plan Shared Facilities	1/18/2011	Rev A
2008-045-CG-344	Grading Plan Shared Facilities	1/18/2011	Rev A
2008-045-CG-355	Grading Plan Shared Facilities	1/18/2011	Rev A
2008-045-CG-356	Grading Plan Shared Facilities	1/18/2011	Rev A
2008-045-CM-202	Pre-Development Drainage Map Shared Facilities		1/18/2011 Rev A
2008-045-CM-203	Post-Development Drainage Map Shared Facilities		1/18/2011 Rev A
2008-045-CM-300A	Erosion & Sediment Control Key Plan Shared Facilities	1/18/2011	Rev A
2008-045-CM-343	Erosion & Sediment Control Plan Shared Facilities		1/18/2011 Rev A
2008-045-CM-344	Erosion & Sediment Control Plan Shared Facilities		1/18/2011 Rev A
2008-045-CM-355	Erosion & Sediment Control Plan Shared Facilities		1/18/2011 Rev A
2008-045-CM-356	Erosion & Sediment Control Plan Shared Facilities		1/18/2011 Rev A
2008-045-CM-510	Storm Water Plan Shared Facilities	1/18/2011	Rev A

Other Documents:

- Response letter from Kiewit dated March 21,

ADDITIONAL COMMENTS:

1. Letter from the Geotechnical engineer stating that the grading conforms with the project soils report.

2. Verification from the fire department that the emergency access roads conform with their requirements.

3. Upon receipt of the updated drawings, we will perform a final review to verify that items noted are revised have in fact been modified.

4. The supporting calculations have not as yet been submitted. Based upon the resonse, these calculations will be provided in conjunction with the next plan xsubmittal. We have no objection to timing of their submittal, but it should be noted that modifications to the calculations may result in changes to the drawings.

Kiewit

Transmittal Form

Transmittal Number: **CBO-0223** **Date:** 4/11/2011

Project: Blythe Solar Power Project

Subject: MECH-1-47.0 Rev 0 P&IDs - CONDENSATE

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

RELEASED FOR ROUTING AND CBO APPROVAL

Kiewit

Transmittal Form

Transmittal Number: **CBO-0234** **Date:** 4/27/2011

Project: Blythe Solar Power Project

Subject: STRUC-1-16.0 Rev 1 FLAGSOL CANTILEVER ARM DESIGN

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

Please find attached Structural Calculations for Halfen Anchor Channels for your Review and Comment.

20110418 Halfen Sealed Calcs	Structural Calculations for Halfen Anchor Channels	1	4/27/2011
ISSUED FOR REVIEW			

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: **CBO-0233** **Date:** 4/25/2011

Project: Blythe Solar Power Project

Subject: MECH-1-45.0 Rev P&IDs - AIR REMOVAL

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

KPE-CBO-0085: Please see attached the KPE response to CBO comments on the Air Removal P&ID received via letter BSPP-MECH-01-045_PC1.

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: **CBO-0232** **Date:** 4/19/2011

Project: Blythe Solar Power Project

Subject: STRUC-1-16.0 Rev 0 FLAGSOL CANTILEVER ARM DESIGN

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

Please find attached Flagsol Cantilever Design Documents for your Review and Comment.

Kiewit

Transmittal Form

BL1-W__-3C-SZ-SBP11236	CANTILEVER ARM REGULAR ASSEMBLY	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11251	SCE COUNTERWEIGHT - SUPPORT ARM DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11238	CANTILEVER ARM REGULAR ASSEMBLY DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11239	CANTILEVER ARM REGULAR - FRAME - DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11241	CANTILEVER ARM STRONG ASSEMBLY	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11243	CANTILEVER ARM STRONG ASSEMBLY DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11244	CANTILEVER ARM STRONG - FRAME - DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11247	SCE COUNTERWEIGHT - SUPPORT ARM ASSEMBLY DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11248	COW CONCRETE COUNTERWEIGHT STRONG ASSEMBLY DWG	5	4/19/2011
ISSUED FOR REVIEW			
L1-W__-3C-SZ-SBP11249	COW CONCRETE COUNTERWEIGHT REGULAR ASSEMBLY DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11250	SCE COUNTERWEIGHT - SUPPORT ARM DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11234	CANTILEVER ARM REINFORCED - FRAME - DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11233	CANTILEVER ARM REINFORCED ASSEMBLY DETAIL DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11231	CANTILEVER ARM REINFORCED - FRAME	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SZ-SBP11230	CANTILEVER ARM REINFORCED ASSEMBLY	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SO-SBP11253	SCE COUNTERWEIGHT OVERVIEW DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SO-SBP11246	SCE COUNTERWEIGHT ARRANGEMENT DWG	5	4/19/2011
ISSUED FOR REVIEW			
BL1-W__-3C-SO-SBP11245	CANTILEVER ARM STRONG OVERVIEW DWG	5	4/19/2011
ISSUED FOR REVIEW			

Kiewit

Transmittal Form

BL1-W__-3C-SO-SBP11240 ISSUED FOR REVIEW	CANTILEVER ARM REGULAR OVERVIEW DWG	5	4/19/2011
BL1-W__-3C-SO-SBP11235 ISSUED FOR REVIEW	CANTILEVER ARM REINFORCED OVERVIEW DWG	5	4/19/2011
BL1-W__-3C-SZ-SBP11242 ISSUED FOR REVIEW	CANTILEVER ARM STRONG- FRAME	5	4/19/2011
BL1-W__-3C-SS-FLG11546 ISSUED FOR REVIEW	(SDD) - SCE Pkg 1: Cantilever Arm & Counter Weight	1	4/19/2011
BL1-W__-3C-SZ-SBP11237 ISSUED FOR REVIEW	CANTILEVER ARM REGULAR- FRAME	5	4/19/2011

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: **CBO-0231** **Date:** 4/19/2011

Project: Blythe Solar Power Project

Subject: STRUC-1-15.0 Rev 0 FLAGSOL SPECIFICATIONS FOR HEAT COLLECTION ELEMENT

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

Please find attached Flagsol Specifications for Heat Collection Elements for your Review and Comment.

BL1-W__-3H-SS-FLG10252	Specification for Heat Collecting Element (HCE)	1	4/19/2011

ISSUED FOR REVIEW

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: **CBO-0230** **Date:** 4/19/2011

Project: Blythe Solar Power Project

Subject: STRUC-1-14.0 Rev 0 FLAGSOL SPECIFICATIONS FOR MIRRORS

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

Please find attached Flagsol Specifications for Mirrors for Review and Comment.

BL1-W__-3M-SS-FLG10255 ISSUED FOR REVIEW	Specification for Parabolic Trough Reflective Panel RP4	1	4/19/2011
BL1-W__-3M-RO-FLG10253 ISSUED FOR REVIEW	Mirror Drawing Reflector Panel RP4	2	4/19/2011

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: **CBO-0229** **Date:** 4/18/2011

Project: Blythe Solar Power Project

Subject: MECH-1-9.43 Rev 4 P&IDs - CWS/SWS/PWS/FGS/SDR/BDN

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

MECH-01-037: Please see attached an intial submittal of P&Id's for Blowdown Traps and Drains. Please note PS-091 has been approved as underground; attached PS-091is for Above Ground Only review.

CBO Group:	CBO Group Description:	CBO Group Rev:
MECH-1-9.43	P&IDs - CWS/SWS/PWS/FGS/SDR/BDN	4

Number	Title	Rev	Issue Date
Rev Description			
PS-091	PIPING AND INSTRUMENTATION DIAGRAM BDN - BLOWDOWN, TRAPS AND DRAINS	C	4/18/2011
ISSUED FOR REVIEW			
PS-092	PIPING AND INSTRUMENTATION DIAGRAM BDN - BLOWDOWN, TRAPS AND DRAINS	A	4/18/2011
ISSUED FOR REVIEW			
PS-090	PIPING AND INSTRUMENTATION DIAGRAM BDN - BLOWDOWN, TRAPS AND DRAI	B	4/18/2011
ISSUED FOR REVIEW			

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: CBO-0228 **Date:** 4/12/2011

Project: Blythe Solar Power Project

Subject: MECH-1-51.0 Rev 0 P&IDs - CLOSED COOLING WATER

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

Please review the attached Closed Cooling Water P&ID's for Approval.

CBO Group:	CBO Group Description:	CBO Group Rev:
MECH-1-51.0	P&IDs - CLOSED COOLING WATER	0

Number	Title	Rev	Issue Date
Rev Description			
PS-270	PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER	A	4/12/2011
ISSUED FOR REVIEW			
PS-271	PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER	A	4/12/2011
ISSUED FOR REVIEW			
PS-272	PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER	A	4/12/2011
ISSUED FOR REVIEW			
PS-273	PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER	A	4/12/2011
ISSUED FOR REVIEW			

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: CBO-0226 **Date:** 4/12/2011

Project: Blythe Solar Power Project

Subject: MECH-1-49.0 Rev 0 P&IDs - WASTEWATER TREATMENT

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

Please review the attached Wastewater Treatment P&ID's for Approval.

CBO Group:	CBO Group Description:	CBO Group Rev:
MECH-1-49.0	P&IDs - WASTEWATER TREATMENT	0

Number	Title	Rev	Issue Date
	Rev Description		
PS-420	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	C	4/12/2011
	RELEASED FOR ROUTING - UNDERGROUND ONLY		
PS-421	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-422	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-423	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-424	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-425	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-426	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-427	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-428	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	A	4/12/2011
	ISSUED FOR REVIEW		
PS-429	PIPING AND INSTRUMENTATION DIAGRAM WWT - WASTEWATER TREATMENT	C	4/12/2011
	RELEASED FOR ROUTING - UNDERGROUND ONLY		

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

Transmittal Number: CBO-0224 **Date:** 4/12/2011

Project: Blythe Solar Power Project

Subject: MECH-1-48.0 Rev 0 P&IDs - DEMINERALIZED WATER TREATMENT

Transmitted via e-mail to the selected companies:

- [x] CBO WC-3
- [ ] CEC
- [ ] KPC
- [ ] KPE
- [ ] SM LLC
- [ ] STA-C

Comments:

Please review the attached Demineralized Water Treatment P&ID's for Approval.

CBO Group:	CBO Group Description:	CBO Group Rev:
MECH-1-48.0	P&IDs - DEMINERALIZED WATER TREATMEN	0

Number	Title	Rev	Issue Date
Rev Description			
PS-377	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT	A	4/12/2011
ISSUED FOR REVIEW			
PS-378	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT	A	4/12/2011
ISSUED FOR REVIEW			
PS-379	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT	A	4/12/2011
ISSUED FOR REVIEW			
PS-380	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT	A	4/12/2011
ISSUED FOR REVIEW			
PS-381	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT	A	4/12/2011
ISSUED FOR REVIEW			
PS-382	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT	B	4/12/2011
RELEASED FOR ROUTING - UNDERGROUND ONLY			
PS-383	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT	A	4/12/2011
ISSUED FOR REVIEW			

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

Kiewit

Transmittal Form

CBO Group:	CBO Group Description:	CBO Group Rev:
MECH-1-47.0	P&IDs - CONDENSATE	0

Number	Title	Rev	Issue Date
Rev Description			
PS-050	PIPING AND INSTRUMENTATION DIAGRAM CND - CONDENSATE	B	4/11/2011
RELEASED FOR ROUTING			
PS-051	PIPING AND INSTRUMENTATION DIAGRAM CND - CONDENSATE	B	4/11/2011
RELEASED FOR ROUTING			
PS-052	PIPING AND INSTRUMENTATION DIAGRAM CND - CONDENSATE	B	4/11/2011
RELEASED FOR ROUTING			
PS-053	PIPING AND INSTRUMENTATION DIAGRAM CND - CONDENSATE	B	4/11/2011
RELEASED FOR ROUTING			
PS-054	PIPING AND INSTRUMENTATION DIAGRAM CND - CONDENSATE	B	4/11/2011
RELEASED FOR ROUTING			

3/24/2011

Kiewit

Transmittal Form

Approved By: _____

Steve Lorenz
Project Manager
Kiewit Power Engineers

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

Monthly Compliance Report #6

Exhibit 11
Site Construction Safety Supervisor's Safety Report

Monthly Safety Inspection Report for April 2011

Blythe Solar Power Project

Safety Inspections

See the attached safety Tour Reports.

Safety Incidents and Corrective Actions

See attached safety tours repots.

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 March.

Kiewit

Blythe Solar Power Plant

Date: 4/1/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Lunch	Today we had our Monthly Safety recognition for the month of	Good
	March. We do strech & flex after lunch every day.	

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/4/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Post Tensioning	CBO jumped in truck to get on conference call (Kiewit truck). The keys were out of the ignition but not in the pocket of the laborer doing the post tensioning.	Got with laborer & foreman & reminded him that the keys should be in his pocket not in the car.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/5/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Fence Install	We had to tie into an existing tortoise fence near an access gate. Not doing this in a while we stopped & assessed the tight area & high traffic control in order to tension the fence.	Good Job.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/6/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Tree Removal	We began the tree removal in the shared services to prevent any	
	nesting birds, our biggest hazard is to NOT pull the trees towards the	Wrote new JHA, & understood hazards.
	operator in order to prevent any body punctures from the tree, every movement	
	will be away from the cab.	

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/7/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Fence Install	Splice fence; end of fence not flush with fence & protruding.	Got with the new craft employee & reminded him to bend the end of the fence back so no ones leg gets cut.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/8/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Change in operation	The operator of the backhoe was asked to help with the installation of the fence & did not properly ground the front bucket.	Situation was immediately corrected.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/11/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Fence Install	The crew was very good at being aware if the resident that lives in the desert passes by the road we left open for him.	Opening was made very visible in case he uses the road.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/12/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Backfill	Complacency & staying focused while back filling the back side of the fence is essential in avoiding equipment damage.	Good clearance between outrigger & fence.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/13/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Lunch	We are making sure that the tent is available for guys during lunch to provide shade for the crew.	Good Job.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date 4/14/11

By Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Silt Fence Install	Jumping back on the Eastside of MPR we have to remind our guys not to pull the silt fence walking backwards.	Got with the foreman & explained that walking backwards is a hazard.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/15/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Tree Removal	Equipment damage: Not paying attention, the operator curled the bucket with the tree into the fender of the backhoe.	Sent the operator home for 3 days.
Trenching	The 2nd operator was informed the night before that he has very high blood sugar levels. Monitoring him throughout the morning it was noticeable that he did not feel well.	Sent him home so he can see his personal doctor.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/18/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
House Keeping	Due to both operators being gone due to last weeks events we did some house Keeping in the laydown yard.	Review JHA with crew & new cultural monitor.

QUALITY

OPERATION	OBSERVATION	SUP/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/19/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Silt Fence	while rolling out the silt fence we are using the fence as a contact point.	Good Job.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/20/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
T-post pounding	T-post pounding crew are always making sure that the air compressor hose is never crossing their path, preventing tripping hazards	Good Job.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date 4/21/11

By Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Pneumatic Driver	While servicing the pneumatic driver we found that the inner casing is beginning to crack.	Cleaned the inside of the casing & ordered a new part.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date 4/22/11

By Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Tensioning operations	Analyzed tensioning cable & fence.	Had to remind our foreman that no fence splicing will be performed while the tensioning cable is hooked up to the come-along.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date 4/25/11

By Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Angled T-posts	Angled T-posts needed to be installed to tension the pop-out on the Eastside of the MPR.	The best way to drive the T-post is to saddle the T-post & use the long T-post pounder.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date 4/26/11

By Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
All	We encountered windy conditions today.	Reminded the crew not to leave any doors open to minimize the potential of a gust of wind picking up the door & hurting Someone.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date 4/27/11

By Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Access	Small cave-in occured while walking near reptile holes.	Reminded & showed our crew
		that the ground is not stable near reptile holes.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date 4/28/11

By Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
Dust Control	A small drop-off was created when building the bigger ramp for the larger H_2O Truck.	Placed T-posts & blocked it off so nobody will be tempted to step down.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

Kiewit

Blythe Solar Power Plant

Date: 4/29/11

By: Erick Espinosa

Safety/Quality Tour Notes

SAFETY

OPERATION	OBSERVATION	CORRECTIVE ACTION
C-vans	Both Kiewit Power & So. Cal District safety managers came out today & toured the project. They approved on everything except they felt the C-vans could be a little more organized	We will apply all suggestions on the C-vans next week.

QUALITY

OPERATION	OBSERVATION	SUPT/FOREMAN	CORRECTED?
JHA'S REVIEWED			

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

Monthly Compliance Report #6

Exhibit 12
CBO Safety Monitor's Report

WEST COAST CODE CONSULTANTS, Inc.
2400 Camino Ramon, Suite 240
San Ramon, CA 94583
Tel: (925) 275-1700
Fax: (925) 275-0600

May 12, 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 April 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