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Rice Solar Energy Project

Docket 09-AFC-10C



August 26 through
September 15, 2013

Monthly Compliance Report #1

This document has been prepared by Grenier & Associates, Inc. on behalf of Rice Solar Energy LLC and represents the first monthly compliance report for the Rice Solar Energy Project. The information contained in this report covers site assessment and pre-construction related activities only that were performed during the period August 26, 2013 through September 15, 2013. CH2MHill, its subcontractor Sundance Biology, and WorleyParsons have contributed the information related to the biological, cultural, and site assessment activities for this report.

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Rice Solar Energy Project

Docket 09-AFC-10C

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MONTHLY COMPLIANCE REPORT #1

ONE | INTRODUCTION

Background

On December 15, 2010, the California Energy Commission (CEC) issued a license to Rice Solar Energy LLC for the construction and operation of the Rice Solar Energy Project (RSEP). During 2011 and 2012, the RSEP permitting and compliance team worked diligently to prepare and submit approximately 200 pre-construction compliance documents and mitigation plans to the CEC Compliance Project Manager (CPM) for review and approval as required by the Conditions of Certification set forth in the RSEP license.

On August 16, 2013, the CPM issued a Limited Notice to Proceed (LNTTP) to Rice Solar Energy LLC. This letter provided authorization for the Project Owner to begin specific on-site activities related to desert tortoise fencing installation and clearance surveys as well as cultural resource surveys and feature recordation activities. Only work activities on the private property portion of the site were authorized by the CEC's LNTTP. In addition, the Project Owner planned to carry out additional site assessment activities as a follow-on to geotechnical and well testing work previously performed in 2010/2011.

At this time, only site assessment and pre-construction activities are being implemented. Full site mobilization and construction activities are expected to begin by April 1, 2014 but will not proceed without the CPM's issuance of a Full Notice to Proceed.

Overview of Monthly Compliance Report

This first Monthly Compliance Report (MCR #1) has been prepared in compliance with Condition of Certification COM-7 as set forth in the CEC Final Decision for the Project. The report documents the site assessment and pre-construction work activities conducted for the Rice Solar Energy Project that began on August 26, 2013 through September 15, 2013, following receipt of the CPM's LNTTP. This initial MCR is limited in its reporting scope; once the Project moves into full site mobilization and construction activities in 2014, preparation and submittal of more fully developed MCRs will take place.

Section One of this report provides information on the background and status of the project. Section Two describes the on-site activities that occurred during the reporting period. Section Three discusses the compliance matrix as well as the biological, cultural, and paleontological compliance activities that occurred during the reporting period, and any submittal deadlines missed or approved changes to conditions of certification.

Because the Project Owner has not yet developed an overall project construction, commissioning, and operations schedule, a Project Summary Schedule and Key Events List typically included in an MCR are omitted from this report. This information will be included in future MCRs as it becomes available.

TWO | PRE-CONSTRUCTION ACTIVITIES

This section describes the site assessment and pre-construction activities that were conducted during the period August 26 through September 15, 2013:

- Entry signage and project site access control
- Land surveys/delineation of desert tortoise fence line boundary and geotech sampling locations
- Desert tortoise fence construction
- Installation of desert tortoise shade structures along the perimeter fence line
- Geotechnical investigations
- Water quality testing activities
- Monitoring of precipitation events

Entry Signage and Project Site Access Control

Approved Designated Biologists and biological monitors arrived on site on August 26, 2013 in advance of the land surveyors and set up a RV on the concrete pad to serve as a base for all biological and cultural monitoring. A site access protocol was established requiring phone contact upon arrival at the site entrance and direct escort of all moving vehicles entering the RSEP from the site entry point off of State Route 62 to any work areas on site. *Figure 1* shows the site control point and signage.



Figure 1: Rice Solar Energy Project Site Access Control Point

Land Surveys/Delineation of Desert Tortoise Fence Line Boundary and Geotech Sampling Locations

The Holt Group, Inc. began land survey activities on August 27, 2013 to delineate the perimeter desert tortoise fence boundary (approximately 32,800 linear feet) as well two desert tortoise guards. Survey activities were also conducted for the geotechnical borings and test pit locations. As per *Condition of Certification BIO-8*, biological monitoring of these land survey activities was conducted. The land surveyors completed their delineation and staking activities on August 31, 2013. Concurrent with the surveyor activities, the biological monitors began investigation of known desert tortoise burrows for signs of activity.

Desert Tortoise Fence Construction

On September 2, 2013, biological monitors surveyed the staked fence alignment 24 hours prior to the anticipated cross-country vehicle travel associated with fence building activities. No desert tortoises or tortoise sign were found during these surveys. Any burrows that could house a tortoise within a 50-foot buffer of the center line were investigated and excavated to their terminus. No other sensitive species were observed in association with the burrows encountered in these surveys. Also in advance of fencing installation, the on-site cultural monitors swept the staked fence line alignment with a magnetometer to detect significant artifacts or potential unexploded ordnance (UXO) and none was found (see further information regarding cultural resources monitoring in Section Three of this report).

Crown Fence began work to install the desert tortoise fencing on September 3, 2013. A grader was used to clear an 18-foot-wide alignment and cut a v-ditch one-foot below existing grade along the proposed desert tortoise fence centerline. Following excavation of the v-ditch, Crown Fence began installation of t-posts at 10-foot offsets; these posts were installed 18 inches below the bottom of the v-ditch (30 inches below existing grade). As the posts were installed, Crown Fence began securing the fence fabric to the posts with metal hog rings.

All equipment and vehicles used during fence construction were monitored by the Project biologists and cultural monitors. While traversing on existing roads within the project site, the biological monitors drove in front of construction vehicles or rode in pickup trucks with construction personnel in order to watch the road for tortoises or other wildlife. When cross-country travel was required within the project site, the monitors walked immediately in front of the construction vehicles and equipment to survey for tortoises and other wildlife. Fence construction continued throughout the period covered in this report, and as of September 15, 2013, progress on the fencing installation was as follows:

Activity	Percent Complete
Site access and fencing alignment grading	100 %
V-ditch installation	98%
T-post installation	23%
Wire mess installation	10%

Desert Tortoise Shade Structures

Though not required by RSEP permit conditions, the Project Owner agreed with a recommendation by the Designated Biologist to install temporary desert tortoise shelter sites along the project perimeter fence line. During the reporting period, Project biologists installed these structures both inside and outside the perimeter fence at strategic locations and 280 meter intervals as the fence was being constructed. These structures consisted of 36" lengths of 12" PVC pipe sections cut longitudinally. They are set on the existing grade and covered with mounding rocks and soil. These shade structures have been shown to be of use to animals, especially tortoises, travelling parallel to a newly constructed fence line (see *Figure 2*).

Geotechnical Investigations

Preliminary geotechnical work for the RSEP was initially conducted during the CEC licensing process as a site-assessment activity. Subsequent investigations on the private land portion of the Project site were scheduled to coincide with the start of the on-site desert tortoise fencing installation activities. Following the land surveyor's staking of the borehole and test pit locations, geotechnical work began on site on September 3, 2013 with two soil boring crews, each headed by one engineer from Terracon, and comprised of two or three drillers from either Cal Pac Drilling or



Figure 2: Desert Tortoise Shade Structure Installed along Rice Solar Energy Project Perimeter Fence

JDK Drilling. Biological monitors worked with each crew to bring the tracked drill rig, the engineer's truck, and the drillers support vehicle to each site with as minimal disturbance to the landscape as possible, avoiding shrubs where possible and choosing a route to avoid soft soils, washes, and animal burrows. Cultural monitors observed the subsurface borehole drilling to ensure the absence of significant artifacts. Biologists were also on hand to look under every vehicle every time it had to move to check for tortoises and other wildlife. The biologists' vehicles were kept to existing surface roads at all times and monitors accompanied the drilling vehicles on foot.

One engineer from Terracon also led a crew digging soil compaction test pits. This crew utilized one backhoe and one engineer's truck at each site and biologists monitored the work activities in the same manner as the drilling activities. The test pits were completed by September 15.

In addition to drilling activities, geophysical testing of soil resistivity and seismic resonance was conducted. This crew consisted of two geologists in one vehicle, which was led by a biological monitor to sites. Ground disturbance was minimal at each site, as small soil probes and geophones were the only equipment used.

Water Quality Testing Activities

In compliance with S&W-4, the Project Owner installed a groundwater pump into the existing on-site Well 2 in July 2011. The instrument control panel needed to operate the pump was not installed at that time to avoid possible vandalism. The contractor mobilized to the project well site on September 3, 2013 to install the panel at the well site for upcoming use. The control panel was installed and wired to the pump and motor at Well 2. During this activity, a power generator was brought onto the site and placed near the Well 2 control panel. In addition, a 21,000 gallon Baker Tank was brought onto the project site and was placed about 60 feet from Well 2, at a location approved by the on-site biologist. A

hose connected to the pump outlet extended to the Baker Tank so that discharged groundwater could be collected in the tank.

When the field crew prepared to purge the well so that a groundwater sample could be collected, the generator was turned on to provide power to the pump motor in Rice Well 2. The pump did not function, and after performing in-field testing, it became evident that the pump motor was damaged. This occurred because the pump had not been operated since its installation in mid-2011 and sediments in the well collected in the pump during this time. The pump rotors could not easily turn, and the excessive force required to operate the pump burned out the pump motor. The contractors left the site and returned the next day to perform additional testing on the pump and wiring. It was decided that a new pump motor should be brought to the project site and that the pump should be flushed out to the greatest extent possible before attempting to operate it again.

On September 9, the field crew re-mobilized at the project site and proceeded to remove the pump assembly (including the pump, motor, and more than 400 feet of steel piping) from the well. By mid-day Monday, the pump assembly was removed and further testing was performed on the pump and motor. It was verified that the pump motor was burned out and that there was excessive sediment trapped in the pump. The field crew cleaned out the pump by flushing exposed portions with water (provided by the project water truck) to remove all visible sediment. The new pump assembly (including a new motor) was re-installed into Well 2. The next morning the field crew tested the new pump motor, purged the pump, and collected a groundwater sample. Well 2 was purged to remove all sediment from the discharged groundwater. Groundwater was pumped into the on-site Baker Tank and then released through a controlled hose to an area designated by the on-site biologist. Approximately 20,000 gallons of water were discharged during a four hour period. This water was discharged into an existing shallow drainage, and did not cause any new scouring or sediment transport, though it was monitored closely by biologists. The flow at its peak was considerably less than that which occurred in days prior during heavy rain events. It travelled less than 1000 feet from the well location and reached no greater than a 2-inch depth. All burrows along the shallow drainage that could potentially house a tortoise (including rodent holes) were excavated prior to the discharge. No tortoise, tortoise sign, or other sensitive species were observed during these activities.

A groundwater sample was collected, and the field crew left the site on September 10. Over the course of the next six weeks, the field crew will return once a week and continue to test the well.

Monitoring of Precipitation Events

On September 7, 8 and 9, 2013, a series of heavy monsoonal rain events occurred on site. Running water was noted in many shallow drainages on site. Some pooling of water occurred near the southern boundary in association with the perimeter road cut and V-ditching in place for fence installation. No existing fencing was negatively affected by these events, although the fence had not been erected in the area of highest runoff. This water was monitored and most dissipated naturally. The remainder was

physically released by fence construction crews on September 9, without noticeable sediment transport or incident. No wildlife was observed in association with the pooled water.

THREE | COMPLIANCE ACTIVITIES

This section of the monthly compliance report provides input on Rice Solar Energy's activities related to ensuring that compliance with all the Conditions of Certification as set forth in the CEC's Final Decision for the Rice Solar Energy Project 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

COM-4 requires preparation of a compliance matrix addressing only those conditions that must be fulfilled before the start of construction that must be submitted as part of the MCR. The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates of any approvals by the CBO, CEC CPM, or delegate agency. A copy of the current matrix is provided in Exhibit 1.

Completed Compliance Activities

The Final Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in this MCR. The following paragraphs describe the compliance activities that were completed during the reporting period:

BIO-1: Several Designated Biologists have been approved for the Rice Solar Energy Project. During the reporting period, Mercy Vaughn and Nate Jones were on-site to manage all biological monitoring activities associated with the desert tortoise fencing, geotech investigations, and well testing work. Information in this report regarding biological monitoring activities has been provided by Ms. Vaughn and Mr. Jones.

BIO-2 & BIO-4: These conditions require that the Designated Biologist provide copies of all written reports and summaries, included those prepared by biological monitors that document biological resources compliance activities in the Monthly Compliance Reports submitted to the CPM. Information in this report regarding biological monitoring activities has been provided by Ms. Vaughn and Mr. Jones.

BIO-5: In compliance with this condition, the Project Owner notified the CPM of the circumstances and actions taken regarding the Designated Biologist's documentation of an observed juvenile desert tortoise located on the Project site during desert tortoise fencing activities.

BIO-6: In accordance with this condition, 98 personnel received the Worker Environmental Awareness Program training during the reporting period. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 2.

BIO-7: This condition requires that implementation of BRMIMP measures be reported in the Monthly Compliance Reports by the Designated Biologists. Information in this report regarding biological monitoring activities and species observed has been provided by Ms. Vaughn and Mr. Jones.

BIO-8: Biological monitoring of the land surveying, fencing construction, geotech investigation and water well pumping activities was conducted as required by this condition. Details of the monitoring activities are provided in the Section Two of this report.

BIO-9: On September 11, 2013 at 1108 hours a juvenile desert tortoise approximately 60mm (Median Carapace Length, MCL) was observed inside the RSEP boundary by a biological monitor inspecting the tortoise exclusion fence on the perimeter of the site, as required by *Conditions BIO9-3 and BIO14*. This tortoise was discovered during the second fence inspection of the day. No tortoises were observed during the first inspection, which occurred at approximately 0800 hours, so it is likely this tortoise had been active along the fence line for no more than 2-4 hours.

At the time of the observation, temperature at 5cm above ground in new shade was 90.8° F. The tortoise was walking directly along the base of the exclusion fence line, and appeared alert and healthy. The exact location was on the Northwest side of the project, at UTM coordinates 0700979E, 3771730N (Figure 2). RSEP Designated Biologists Mercy Vaughn and Nathan Jones were notified immediately and were present at the observation site by 1112 hours.

At the time of the observations, construction of the tortoise exclusion fence was still not completed in this location. The base of the fencing had not yet been backfilled, and was exposed in a shallow V-ditch. As biologists observed the tortoise behavior, it became clear that the juvenile tortoise could have gained entry into the site simply by walking under the wire fence material. Numerous small spaces beneath the fence were observed nearby and the tortoise seemed intent on crossing back over to the outside of the fence. The decision was made to give the tortoise an immediate opportunity for egress by digging a small access hole under the fence ahead of its direction of travel. This action allowed the tortoise to freely walk under the fence.

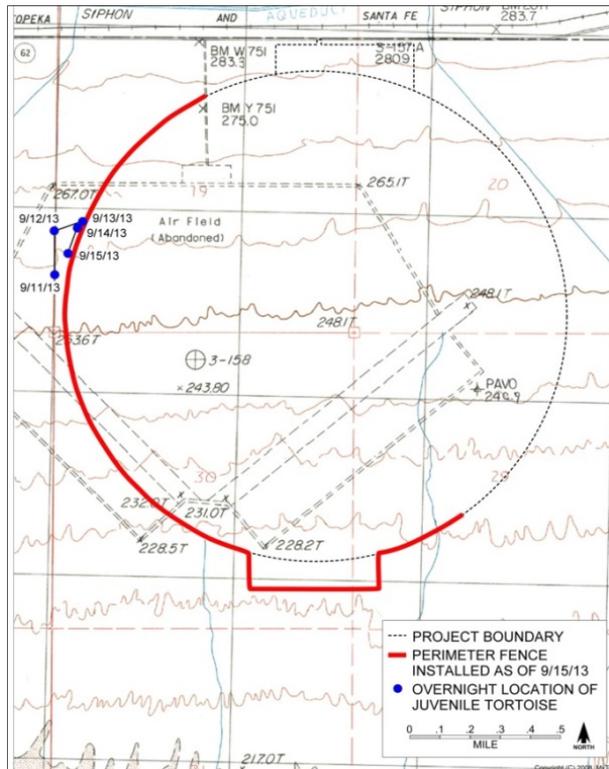


Figure 3: Juvenile Tortoise Locations Outside the RSEP Site through September 15, 2013

After the tortoise exited the site, it was monitored for the remainder of the day in order to assess its behavior and verify its safe passage away from the perimeter of the site in addition to finding suitable shelter (see *Figure 4*).

The tortoise showed no signs of duress throughout the remainder of the day, and was observed resting in the shade of shrubs and foraging on dried forbs including dried *Cryptantha spp.* and *Plantago spp.* The tortoise ceased activities at dusk and remained hidden beneath a shrub throughout the night at UTM coordinates 0700916E, 3771828N, where it was found again the following morning, September 12 at 0600 hrs. The fence nearest to the location of the tortoise has been manually backfilled outside the perimeter in order to prevent its ingress back onto the site. This tortoise will continue to



Figure 4: Juvenile Desert Tortoise Walking Outside RSEP Site

be observed to ensure it locates a suitable burrow or until the perimeter fence is completely backfilled and seasonal temperatures no longer pose a survival risk should it pace the fence line. Additional shade structures have also been installed in the vicinity of the tortoise, and it used one of these structures on September 14th. Table 2 and Figure 3 show the tortoise’s movements through September 15, 2013. In compliance with Item 7 of Condition of Certification BIO-9 as set forth in the Rice Solar Energy Project CEC Decision, Designated Biologists Mercy Vaughn and Nathan Jones documented the observation and both telephonic as well as email notifications were made to the CEC, USFWS, CDFW, and BLM by the Project Owner.

**Table 2
Locations of Juvenile Desert Tortoise September 11-15, 2013**

Date	Time	Easting	Northing	Shelter Site	Daily Behavior Notes
11 Sept.	1800	0700916	3771828	Ambrosia shrub	Paced fence briefly after exiting project area. Spent night ~100’ W of project fence line.
12 Sept.	1900	0700918	3772046	Ambrosia shrub	Spent >6 hrs in rodent holes during heat of the day. Spent night ~100’ W of project fence line.
13 Sept.	1800	0701070	3772084	Ambrosia shrub	Spent >6 hrs in shade during heat of day. Used a temporary tortoise shelter along fence line during that time.
14 Sept.	1900	0701051	377207	Ambrosia shrub	Spent >6 hrs in rodent holes during heat of day. Spent night ~30’ W of project fence line.
15 Sept.	1815	0701007	3771942	Rodent Hole	Spent >8 hrs in rodent hole during heat of day. Spent night ~30’ W of project fence line.

BIO-7: This condition requires that implementation of BRMIMP measures be reported in the Monthly Compliance Reports by the Designated Biologist. Information in this report regarding biological monitoring activities and species observed has been provided by Ms. Vaughn and Mr. Jones.

BIO-14: On September 2, 2013, biological monitors surveyed the staked fence alignment 24 hours prior to the anticipated cross-country vehicle travel associated with fence building activities, as required by *Condition of Certification BIO-14*. These checks were conducted at the greater frequency of three to five times per day since on site ambient temperatures have regularly exceeded 105° F which significantly increases the risk to animals pacing the newly constructed fence.

CUL-6: In accordance with this condition, 98 personnel received the Construction Worker Environmental Awareness Program training during the reporting period. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 2.

CUL-7: During the reporting period, cultural resources monitoring activities were conducted. The Cultural Resources Specialist's monthly summary report is included in Exhibit 3.

CUL-9: CH2MHill personnel conducted magnetometer surveys of the administration area of the former Rice Army Air Force Airfield between August 26 and September 13, 2013. The survey was conducted in conjunction with the installation of the desert tortoise exclusion fencing and was conducted as a preliminary magnetometer survey to detect buried archeological deposits in the path of the excavation for the fenceline and also to judge the performance of the magnetometers at this site in order to plan the completion of the CUL-9 magnetometer survey. A report documenting the magnetometer work is included in Exhibit 4.

PAL-4: In accordance with this condition, 98 personnel received the Construction Worker Environmental Awareness Program training during the reporting period. Copies of the worker's certification training and sign-in sheets for the reporting period are included in Exhibit 2.

PAL-5: None of the site assessment and pre-construction activities conducted during the reporting period required monitoring by the Paleontological Resource Specialist.

Submittal Deadlines Not Met

No submittal deadlines were missed during the reporting period.

Approved Changes to Conditions of Certification

No petitions requesting changed to the conditions of certification have been submitted.

Exhibit 1

Pre-Construction Compliance Matrix

RICE SOLAR ENERGY PROJECT COMPLIANCE MATRIX

Updated as of: 9/29/2013

COC Sort Code:	PC	CONS	COMM
	OPS	Pending CEC Approval	Approved by CEC

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
AQ-SC01	PC	AQCMM: Designate and retain an on-site 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. The AQCMM shall not be terminated without written consent of the CPM.	Submit to the CPM for review and approval the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates.	Resumes to CPM	At least 30 days prior to the start of GD	Complete	7/20/11	2011-046	Approved by CEC on 7/26/11
AQ-SC02	PC	AQCMP: Provide an Air Quality Construction Mitigation Plan (AQCMP) for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with Conditions of Certification AQ-SC3, AQ-SC4, and AQ-SC5. The AQCMP shall include effectiveness and environmental data for the proposed soil stabilizer.	Submit the plan to the CPM for approval. The CPM will notify the project owner of any necessary modifications to the plan within 15 days from the date of receipt.	Plan to CPM	At least 30 days prior to the start of any GD	Complete	7/12/11	2011-036	Approved by CEC on 7/15/11
BIO-01a	PC	DB SELECTION: Assign at least one DB (DB) to the project. Submit the resume of the proposed DB, with at least three references and contact information, to the CEC CPM for approval in consultation with Western, BLM, CDFG, and USFWS. CDFG must also approve such biologists, potentially including individual approvals for monitors approved by the Authorized Biologist. DBs for the Project are the equivalent of USFWS Authorized Biologists. Only DBs and certain BMs who have been approved by the DB shall be allowed to handle desert tortoises.	Submit the name(s) and resume(s) of the DB(s) along with copies of the completed USFWS Desert Tortoise Authorized Biologist Request Form(s) to the USFWS and CPM for review and final approval. No construction-related GD, grading, boring, or trenching shall commence until an approved DB is available to be on site.	Resume of DB and DT Authorized Biologist Request Form	No fewer than 30 days prior to construction-related GD	Complete	6/9/11	2011-004 to CEC and 2011-006 to USFWS	Approved by CEC on 8/31/11 BLM approved DB's on 8/3/11
BIO-01b	PC	DB REPLACEMENT: If a DB needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM. In an emergency, immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent DB is proposed to the CPM for consideration.	Submit the required information to the CPM.	DB Replacement Resume	At least 10 working days prior to the termination or release of the preceding DB	As required			
BIO-03a	PC	BIOLOGICAL MONITOR DUTIES: The DB shall submit the resume, at least three references, and contact information of each of the proposed Biological Monitors to the CPM.	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.	Resumes	At least 30 days prior to site mobilization or construction-related GD,	Complete	8/1/2011 on 8/8/11	To CEC 2011-068 To USFWS and BLM	Approved by CEC on 11/17/11
BIO-03b	PC	ADDITIONAL BM's: If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval.	Submit the information to the CPM for review and approval.	Additional BM resumes/info	At least 10 days prior to their first day of monitoring activities	Complete	8/27/11	2013-011	Approved by CEC on 8/29/13
BIO-06a	PC	DRAFT WEAP: Prepare and implement a Project-specific Worker Environmental Awareness Program (WEAP) and secure approval for the WEAP from the CPM. The WEAP shall be administered to all surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel.	Provide to the CPM a copy of the WEAP for review and approval in consultation with Western, CDFG, BLM, and the USFWS. The Project owner also shall submit copies of all supporting written materials and electronic media prepared or reviewed by the DB and a resume of the person(s) administering the program.	Draft WEAP	At least 30 days prior to start of construction-related GD	Complete	7/21/2011 7/27/11	2011-049 Script 2011-063 Handbook	Approved by CEC on 8/23/11
BIO-06b	PC	FINAL WEAP: Submit two copies of the approved final WEAP.	Submit the required info to the CPM.	Final WEAP to CPM	At least 10 days prior to construction-related GD activities	Complete			Approved by CEC on 10/17/11
BIO-07a	PC	BRMIMP: Develop a Biological Resources Mitigation Implementation and Monitoring Plan in consultation with the DB and include accurate and up-to-date maps depicting the location of sensitive biological resources that require temporary or permanent protection during construction and operation. The BRMIMP shall include complete and detailed descriptions of items 1-12 in the condition.	Submit two copies of the proposed BRMIMP to the CPM for review and approval. No construction-related GD, grading, boring, or trenching may occur prior to approval of the final BRMIMP by the CPM. Any changes to the approved BRMIMP (including the project footprint) must be approved by the CPM in consultation with Western, BLM, CDFG, and USFWS before such action is taken.	BRMIMP	At least 30 days prior to start of any preconstruction site mobilization GD	Complete	7/25/2011 Submitted Final BRMIMP 7/17/13	2011-057 2013-004	Approved by CPM 7/19/13
BIO-07b	PC	If any permits have not yet been received with the BRMIMP is first submitted, copies shall be submitted to CPM within 5 days. BRMIMP to be revised or supplemented to reflect the new permit conditions within 10 days of their receipt. Under no circumstances shall GD proceed without implementation for all permit conditions.	Submit permits to CPM. Update BRMIMP and resubmit to CPM.	Copy of permits to CPM; update BRMIMP	Within 5 days of receipt of permits	Complete	8/1/11	2011-070	Approved by CEC on 8/15/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
BIO-07c	PC	PRE-CONSTRUCTION AERIAL PHOTOS: To verify that the extent of construction disturbance does not exceed that described in this analysis, submit aerial photographs, at an approved scale, taken before and after construction to the CPM. The first set of aerial photographs shall reflect site conditions prior to any preconstruction site mobilization and construction-related GD.	Submit the required photographs to the CPM.	Aerial photos	At least 60 days prior to initiation of such activities	Complete	6/17/11	2011-009	Approved by CEC 6/27/11
BIO-07e	PC	ACREAGE ACCOUNTING: Provide a final accounting of the acreages of vegetation communities/ cover types present before and after construction and a depiction of the approved project boundaries superimposed on the post project aerial photograph.	If final acreages and/or disturbance footprints exceed those previously approved, the CPM shall coordinate with project owner, in consultation with Western, CDFG, BLM, and USFWS to determine appropriate mitigation for such impacts. Such mitigation may exceed the requirements as outlined in these Conditions of Certification (i.e., higher mitigation ratios may be imposed as a result of consultation with the wildlife agencies).	Final accounting to CPM	At least 30 days prior to start of any preconstruction site mobilization and construction-related GD	Complete	7/25/2011 Submitted Final BRMIMP 7/17/13	2011-057 2013-004	Approved by CPM 7/19/13
BIO-09a	PC	COMPLIANCE VERIFICATION: The DB shall notify the CPM, Western, BLM, CDFG, and USFWS before initiating ground-disturbing activities and provide them with reasonable access to the project site and mitigation lands under the control of the project owner and otherwise fully cooperate with the CEC's, Western's, BLM's, CDFG's, and USFWS's efforts to verify the project owner's compliance with, or the effectiveness of, mitigation measures set forth in the conditions of certification.	Submit notification to CPM, Western, BLM, CDFG, and USFWS	Notification letter or email	14 calendar days before initiating GD activities	8/11/13	8/1/13	2013-006	LNTF received 8/16/13
BIO-10a	PC	REVEGETATION PLAN: Develop and implement a Revegetation Plan for all areas subject to temporary (albeit long-term) project disturbance, including but not limited to linear features and berms of detention or debris basins, to the extent permitted by stormwater control requirements. The Reveg Plan will include the information set forth in Items 1 of the condition. (Also see Condition for specific requirements related to top soil salvage, seed and nursery stock, monitoring, and replacement requirements.)	Submit the Revegetation Plan to the CPM for review and approval.	Plan to CPM	At least 30 days prior to start of any preconstruction site mobilization and construction-related GD	Complete	7/28/11	2011-067	Approved by CEC 10/17/11
BIO-11a	PC	WEED MANAGEMENT PLAN: Prepare and implement a Weed Management Plan that meets the approval of the CPM, in consultation with Western, BLM, CDFG, and USFWS. At minimum, the Weed Management Plan shall address the six items set forth in the condition.	Provide the CPM and BLM with the final version of the Weed Management Plan. All modifications to the approved Weed Management Plan shall be made only after consultation with the CPM in consultation with Western, BLM, USFWS, and CDFG	Final Weed Mgmt Plan	At least 30 days prior to the start of any project-related GD activities	Complete	7/22/11	2011-054	Approved by CEC 2/10/12
BIO-12a	PC	PLANT SPECIES PROTECTION/DESIGNATED BOTANIST: To protect Harwood's milk-vetch or other CNPS List 1 or List 2 plants (excluding chaparral sand-verbena) located within the project area or within 250 feet of its boundaries (including access roads, staging areas, laydown areas, parking and storage areas) from accidental and indirect impacts during construction, operation, and closure, retain a Designated Botanist to oversee compliance with the specific measures set forth in Section A of the condition.	Submit to the CPM for review and approval, in consultation with the BLM State Botanist, the name and resume of the project's Designated Botanist.	Name and resume of Designated Botanist	No less than 30 days prior to the start of GD activities	Complete	6/10/11	2011-008	Approved by CEC 6/1/411 [As of 6/1/13, John Little & Mike Bowers still available]
BIO-12c	PC	SPECIAL STATUS PLANTS: Prepare a Special Status Plant Impact Avoidance and Minimization Plan to the CPM for review and approval, in consultation with the BLM State Botanist. The Plan must include the specific elements set forth in the Condition under Items a thru g. The Special-Status Plant Impact Avoidance and Minimization Measures shall be incorporated into the BRMIMP as required under Condition of Certification BIO-7.	Submit the required information to the CPM for review and approval, in consultation with the BLM State Botanist.	Special Status Plant Species Plan	No less than 30 days prior to GD activities	Complete	7/22/11	2011-053	Approved by CEC on 8/26/11
BIO-12d	PC	ESA AREAS: Prepare grading plans and construction drawings depicting the location of Environmentally Sensitive Areas and the Avoidance and Minimization Measures contained in Section A of this Condition. The Designated Botanist shall conduct weekly monitoring of the ESAs that protect special-status plant occurrences during construction and decommissioning activities.	Submit the required plans and drawings to the CPM and coordinate with the CPM and BLM's Wildlife Biologist to revise and finalize boundaries of the ESAs.	Plans/drawings showing ESA areas	No less than 30 days prior to the start of GD activities for t-line	5/2/15			Applies only to gen-tie line
BIO-12h	PC	CACTI/YUCCA PROTECTION: Inventory all plants subject to BLM policies on all BLM lands within the Project Disturbance Area that would be removed or damaged by proposed project construction.	Submit required information to the CPM and BLM State Botanist.	Cacti inventory	No less than 30 days prior to the start of GD activities for t-line	5/2/15			Applies only to gen-tie line
BIO-12i	PC	CACTI/YUCCA SALVAGE PLAN: Prepare and implement a Protected Plant Salvage Plan in conformance with BLM standards. The plan shall include the information specified in the condition (see Section B).	Submit the plan for review and approval by the CPM in consultation with the BLM.	Plan to CPM after consultation with BLM	No less than 30 days prior to the start of GD activities for t-line	5/2/15			Applies only to gen-tie line

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BIO-13a	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE MEASURES FOR MIGRATORY BIRDS/AVIAN MONITORING PLAN: Pre-construction nest surveys for bird species other than burrowing owls shall be conducted if construction activities will occur during the breeding period (from February 1 through August 31). Burrowing owl surveys are addressed in BIO-19. The DB or BM conducting the surveys shall be experienced bird surveyors and familiar with standard nest-locating techniques such as those described in Martin and Guepel (1993). Surveys shall be conducted in accordance with guidelines 1-4 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(s) and shall depict the boundaries of the no-disturbance buffer zone around the nest(s).	Letter Report on PC Bird/Bat Surveys	Prior to the start of any project-related GD activities	10/1/13			These will be done during DT clearance surveys
BIO-13b	PC	ACTIVE BIRD NESTS: If active nests are detected during the survey, a 500-foot no-disturbance buffer zone shall be implemented. If active raptor nests or bat maternity roosts are detected during the survey, a 1200-foot no-disturbance buffer zone shall be implemented. The DB shall monitor the nest until he or she determines that nestlings have fledged and dispersed. Activities that might, in the opinion of the DB and in consultation with the CPM, disturb nesting activities shall be prohibited within the buffer zone until such a determination is made.	A monitoring plan shall be prepared and implemented to ensure no disturbance takes place within the buffer areas. This protected area surrounding the nest may be adjusted by the DB in consultation with CDFG, USFWS, Western, and the CPM.	Plan to CPM after consultation with CDFG, FWS, Western	Prior to the start of any project-related GD activities	10/1/13			These will be done during DT clearance surveys
BIO-14	PC	DT CLEARANCE SURVEYS OF FENCED AREAS: The solar field and adjacent fenced areas (including permanent and temporarily fenced areas) shall be cleared of DT by the DB, who may be assisted by the BLMs. (See condition for details on clearance survey protocols.) Clearance surveys of the power plant site may only be conducted when tortoises are most active (April through May or September through October).	Conduct clearance surveys Surveys outside of these time periods require approval by USFWS and CDFG. Any DT located during clearance surveys of the solar field site or construction areas along the transmission line route shall be relocated and monitored in accordance with the DT Translocation Plan (BIO-15).		Following construction of the DTexclusion fencing	10/1/13			
BIO-14a	PC	DESERT TORTOISE CLEARANCE SURVEYS AND EXCLUSION FENCING: Permanent DT exclusion fencing shall be installed at the solar generator site along the permanent perimeter security fence and permanent access road from the security gate southward. Temporary exclusion fencing shall be installed along any additional construction site associated with the project, including the 26-acre construction laydown areas, stormwater diversion channels, and proposed generator tie-line alignment work sites. Permanent DT exclusion fencing shall also be installed at the interconnector substation site prior to construction activities at that site. The only exception to the requirement for exclusion fencing shall be for temporary construction sites where a qualified DT monitor is on-site throughout all construction activities (e.g., transmission line construction sites). All DT exclusion fencing (i.e., both permanent and temporary fencing) shall be regularly inspected. (See condition for inspection protocol.)	The exclusion fencing shall be installed prior to the onset of site clearing and grubbing. The proposed alignments for all DT exclusion fencing shall be flagged and surveyed for desert tortoise within 24 hours prior to the initiation of fence construction. Clearance surveys of the perimeter fence and utility rights-of-way alignments shall be conducted by the DB(s) using techniques approved by the USFWS and CDFG and may be conducted in any season with USFWS and CDFG approval. (See condition for more details on how clearance surveys of fencing alignment shall be conducted.)	Conduct DT Clearance Surveys and Install Fencing	Prior to clearing and grubbing	9/1/13			DT fencing installation began on power plant site installation on 9/3/2013 and was completed on 9/27/13
BIO-15a	PC	DT TRANSLOCATION PLAN: Prepare and implement a final plan based on the draft DT Relocation/Translocation Plan prepared by the applicant that includes all revisions deemed necessary by USFWS, CDFG, and the CPM, in consultation with Western and BLM. The Plan shall address the specific requirements set forth in the Condition. The Plan shall not be accepted as "final" until it has been reviewed and approved by the CPM, USFWS, and CDFG in consultation with Western and BLM. Any modifications to the approved final Plan shall be made only with written approval by the CPM, USFWS, and CDFG in consultation with Western and BLM.	Provide the CPM with the final version of a Desert Tortoise Translocation Plan that is consistent with all terms and conditions of the Biological Opinion and Incidental Take Permits, both yet to be issued.	Final DT Translo Plan	Within 30 days of publication of the CEC License Decision	Complete	Sent revised plan to CEC on 5/11/12	—	Approved by CEC 8/13/12; Animal Husbandry Plan approved 7/13/12
BIO-16a	PC	COMPENSATORY MITIGATION LAND ACQUISITION: Provide compensatory mitigation acreage of 1,522 acres of desert tortoise habitat lands, adjusted to reflect the final project footprint, as specified in this condition. All or a portion of this compensation land may consist of land currently held by the project owner, pending analysis of its suitability. (Note to Reader: refer to Commission Decision for detailed information on all BIO-16 related conditions summarized in this matrix.)	Provide the CPM with written notice of intent to start GD.	Notification letter to CPM	At least 30 days prior to the start of GD activities	8/2/13	8/1/13	2013-006	
BIO-16b	PC	COMPENSATION FORM OF SECURITY: Prior to submitting the actual Security to the CPM, obtain the CPM's approval, in consultation with Western, CDFG, BLM and the USFWS, of the form of the Security.	Provide final form of security as verification that financial assurances have been established to the CPM with copies of the document(s) to BLM, CDFG and the USFWS, to guarantee that an adequate level of funding is available to implement any of the mitigation measures required by this condition that are not completed prior to the start of ground-disturbing activities described in Section A of this condition.	Final LOC	No later than 30 days prior to beginning Project GD activities	Complete			
BIO-16c	PC	COMPENSATORY MITIGATION LAND IMPROVEMENT: Provide provide financial assurances as described in the Condition in the amount of \$3,888,055.50. In lieu of acquiring lands itself, the Project owner may satisfy the requirements of this condition by depositing funds into a REAT in the amount of \$4,002,559.17.	Provide draft form of LOC to CPM, BLM, CDFG, and USFWS	Draft form of LOC	No later than 45 days prior to beginning Project GD activities	Complete	7/17/13	RSE LLC sent to CPM	Pending CPM approval

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BIO-17a	PC	RAVEN MONITORING, MANAGEMENT, AND CONTROL PLAN: Prepare and implement a Raven Plan that is consistent with the most current USFWS-approved raven management guidelines and that meets the approval of the CPM. The draft Raven Plan submitted by the applicant (Appendix B of CH2MHill 2010c) shall provide the basis for the final plan, subject to review, revisions and approval from the CPM in consultation with Western, BLM, USFWS, and CDFG . The Plan shall address all of the elements listed in the Condition.	Provide the CPM, USFWS, and CDFG with the final version of a Raven Plan. All modifications to the approved plan shall be made only with approval of the CPM in consultation with Western, BLM, USFWS and CDFG .	Final Raven Management Plan	No later than 30 days prior to any construction-related GD activities	Complete	Submitted final plan on 6-19-13	2013-001	Approved by CPM 7/3/13
BIO-17b	PC	REAT PAYMENT: Submit payment to the project sub-account of the REAT Account held by the National Fish and Wildlife Foundation (NFWF) to support the USFWS Regional Raven Management Program. The amount shall be a one-time payment of \$105 per acre of long-term or permanent disturbance (totaling \$152,040.00 for disturbance area of 1,448 acres, to be adjusted according to final project footprint).	Provide written verification to the CPM that NFWF has received and accepted payment into the project's sub-account of the REAT Account to support the USFWS Regional Raven Management Program.	Written Verification to CPM	No more than 30 days prior to the start of GD activities	8/15/13	8/14/13	2013-010 with \$152,040 check and NFWF Deposit Form	Pending CPM approval
BIO-18a	PC	GOLDEN EAGLE PRE-CONSTRUCTION SURVEYS: Complete the surveys and inventories described in items 1-3 in the condition to avoid or minimize Project-related construction impacts to golden eagles.	Submit a report to the CPM, Western, CDFG, BLM, and USFWS documenting the results of the inventory.	Golden eagle survey report	No fewer than 30 days from completion of the golden eagle inventory	Complete	Submitted 2013 Spring Report on 6/20/13 12/17/12	2013-001 2012-003	Submitted for info only; ok for LNTF per CPM 7-23-13
BIO-19a	PC	BURROWING OWL SURVEYS: Concurrent with DT clearance surveys, the DB shall conduct preconstruction surveys for burrowing owls. Surveys shall be conducted within the project site and along all linear facilities in accordance with CDFG guidelines (CBOC 1993). Surveys shall also be completed within 500 feet of all project disturbances.	Conduct required pre-construction burrowing owl surveys.	Conduct pre-construction surveys	No more than 30 days prior to the start of GD activities	8/2/13			We are starting 9/1 so no surveys needed per CH2
BIO-19b	PC	BURROWING OWL MONITORING AND MITIGATION PLAN: If pre-construction surveys detect burrowing owls or active burrows within the Project Disturbance Area and/or outside the project disturbance area but within 500 feet of proposed construction activities, the DB shall provide a Burrowing Owl Monitoring and Mitigation Plan.	Submit the required plan to the CPM, CDFG, USFWS, BLM, and Western .	Burrowing Owl Plan	At least 10 days prior to the start of any project-related site disturbance activities	8/22/13			Will prepare this plan if surveys require
BIO-19c	PC	BURROWING OWL BUFFER FENCING: If pre-construction surveys detect burrowing owls within 500 feet of proposed construction activities, the DB shall provide to the CPM, Western, BLM, CDFG and USFWS documentation indicating that nondisturbance buffer fencing has been installed at least 10 days prior to the start of any construction-related GD activities.	Submit the required documentation regarding nondisturbance buffer fencing to the CPM, CDFG, USFWS, BLM, and Western .	Evidence of fencing installation	At least 10 days prior to the start of any project-related site disturbance activities	9/11/13			
BIO-19d	PC	BURROWING OWL COMPENSATION: If the burrowing owl habitat compensation land is separate from the acreage required for desert tortoise compensation lands (NOTE: IT IS NOT), the Project owner or an approved third party shall complete acquisition of the proposed compensation lands prior to initiating ground-disturbing Project activities. Alternatively, financial assurance can be provided by the Project owner to the CPM with copies of the document(s) to Western, CDFG, BLM and the USFWS, to guarantee that an adequate level of funding is available to implement the mitigation measure described in this condition. These funds shall be used solely for implementation of the measures associated with the Project.	Financial assurance can be provided to the CPM in the form of an irrevocable letter of credit, a pledged savings account or another form of security ("Security") prior to initiating ground-disturbing Project activities. Prior to submittal to the CPM, the Security shall be approved by the CPM, in consultation with Western, CDFG, BLM and the USFWS to ensure funding.	LOC or other form of Security	No later than 30 days prior to the start of construction-related ground disturbing activities	Complete			
BIO-20a	PC	BADGER/KIT FOX PRE-CONSTRUCTION SURVEYS: Conduct pre-construction surveys for American badgers and desert kit fox (may be conducted concurrently with the DT pre-construction surveys) throughout the project area, including areas within 250 feet of all project facilities, utility corridors, and access roads. Maternity dens shall be avoided during the pup-rearing season (15 February through 1 July) and a minimum 200-foot disturbance-free buffer established. Buffers may be modified with the concurrence of CDFG and the CPM. Maternity dens shall be flagged for avoidance, identified on construction maps, and a biological monitor shall be present during any construction activity within 500 feet of the maternity den. If avoidance of an occupied non-maternity den is not feasible, badgers or kit foxes shall be passively relocated by slowly excavating the burrow (either by hand or mechanized equipment under the direct supervision of the biologist, removing no more than 4 inches at a time) and allowing the animal to disperse from the site (e.g., by providing a temporary monitored opening in the tortoise exclusion fence and directing the animal toward the opening with temporary plastic construction fencing). Female kit foxes or badgers with young would not be directed off-site until the young are ready to leave the dens. (See items 1-4 in condition for more detail.)	Submit a report to the CPM and CDFG that describes survey methods, results, further mitigation measures (if any) to be implemented, and shall specify reporting and verification requirements (e.g., CDFG approval for forced dispersal plans) for those measures.	Survey Report	Within 30 days of completion of badger and kit fox surveys	10/1/13			Will be conducted concurrent with DT surveys

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BIO-21	PC	WILDLIFE PASSAGE: To allow east-west wildlife passage alongside the highway and to minimize road mortality during project construction, design and build the facility to provide a minimum 100-foot unfenced wildlife passage area south of SR-62 and north of the solar field and any contiguous project components that would interrupt wildlife passage. (See condition for further details.)	Submit final plan drawings to the CPM and Western to indicate the location of the wildlife passage area. No fence construction or other ground-disturbing activities shall proceed within the designated wildlife passage area without written authorization of the CPM.	Plans/drawings to CPM and Western	No less than 30 days prior to scheduled commencement of GD activities	Complete	6/15/2011 6/15/11	2011-11 to CEC 2011-013 to Western	CEC Approved 6-16-11
BIO-22a	PC	DETENTION BASIN ELIMINATION: Design and construct the perimeter road at existing grade in the southern portion of the project site to allow runoff to cross the road freely, as shown in the applicant's Response to CEC Staff Workshop Query 12 (SR 2010a).	The project owner may adopt the road design as submitted (SR 2010a) or provide an alternate design to minimize potential for road damage during heavy rains (e.g., the owner may elect to pave the road or install periodic low-water crossings that would not impede runoff).	Plans/drawings to CPM	6/15/2011	Complete	6/15/11	2011-010	CEC Approved 6-27-11
BIO-22b	PC	STREAMBED IMPACT MINIMIZATION AND COMPENSATION MEASURES: The project owner shall implement the following measures 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. 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 and 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 items listed in the Condition.	Provide a copy of the Streambed Impact Minimization and Compensation Measures from the Commission Decision and Western and BLM Records of Decision to all contractors, subcontractors, and the project owner'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 or personnel from another agency upon demand.	Provide copies of CEC Final Decision and RODS to contractors	Prior to start of construction	3/2/14			
BIO-22c	PC	DRAFT HABITAT MANAGEMENT PLAN: Prepare and implement the measures described in 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. The plan shall include site-specific enhancement measures for all drainages on compensation lands that will be used to fulfill the requirements of this Condition. Any additional lands beyond those required for compliance with BIO-16 that may be required for compliance with this Condition shall also be included in the Management Plan.	The management plan shall be submitted for the CPM'S review in consultation with CDFG, Western, and BLM.	Draft Habitat Mgmt Plan	No fewer than 30 days prior to the start of any site or related facilities mobilization activities	3/2/14		7/27/11 2011-062	CEC has okayed preliminary version; submit final under BIO-22d
BIO-22f	PC	BEST MANAGEMENT PRACTICES: The project owner shall comply with the requirements listed in the Condition to protect drainages near the Project Disturbance Area.	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM, Western, BLM, and CDFG that the above best management practices will be implemented.	Include information in BRMIMP	No fewer than 30 days prior to the start of work potentially affecting waters of the State	Complete	7/27/11	2011-062	Info incorporated into approved BRMIMP
BIO-24a	PC	EVAP POND DESIGN, MONITORING, AND MANAGEMENT DRAFT PLAN: Design and implement an Evaporation Pond Design, Monitoring, and Management Plan (Evaporation Pond Plan) that meets the approval of the CPM, USFWS, CDFG, and Western. The goal of the Evaporation Pond Plan shall be to avoid the potential for bird and wildlife mortality associated with the evaporation ponds. The Evaporation Pond Plan shall include items 1-6 in the condition.	Provide the CPM, Western, USFWS, and CDFG with a draft version of the Evaporation Pond Plan for review and approval.	Draft Evap Pond Design Plan	At least 60 days prior to start of any project-related GD activities	Complete	7/14/11	2011-041 2011-042 2011-044	Approved by CEC 8/14/12
BIO-24b	PC	EVAP POND DESIGN, MONITORING, AND MANAGEMENT FINAL PLAN: Design and implement an Evaporation Pond Design, Monitoring, and Management Plan (Evaporation Pond Plan) that meets the approval of the CPM, USFWS, CDFG, and Western. The goal of the Evaporation Pond Plan shall be to avoid the potential for bird and wildlife mortality associated with the evaporation ponds. The Evaporation Pond Plan shall include items 1-6 in the condition.	Provide the CPM, Western, USFWS, and CDFG with the final version of the Evaporation Pond Plan that has been reviewed and approved by USFWS, CDFG, and staff. The CPM shall determine the plan's acceptability within 15 days of receipt of the final plan. All modifications to the approved Evaporation Pond Plan must be made only after consultation with the CPM, Western, USFWS, and CDFG. The project owner shall notify the CPM no less than 5 working days before implementing any CPM-approved modifications to the Evaporation Pond Plan.	Final Evap Pond Design Plan	At least 30 days prior to start of any project-related GD activities	3/2/14			Send agencies the final CEC approved plan
BIO-25a	PC	DRAFT AVIAN AND BAT PROTECTION PLAN: The project owner shall submit for approval by the CPM, in consultation with Western, BLM, and CDFG a final Avian and Bat Protection Plan which has already been reviewed and approved by USFWS.	Submit the plan for review and obtain written approval from the USFWS.	Draft Plan to USFWS	No more than 60 days after completion of Golden eagle surveys in Spring 2013		7/17/11	2013-003	
BIO-25b	PC	FINAL AVIAN AND BAT PROTECTION PLAN: Prepare and implement an Avian and Bat Protection Plan as described in the condition.	Submit the approved USFWS plan to the CEC for approval, in consultation with Western, BLM, and CDFG. This documentation shall include a written or electronic transmittal from the USFWS indicating its approval of the Avian and Bat Protection Plan, the status of any permit that may be required, and any follow-up actions required by the applicant.	Final Avian and Bat Protection Plan	After approval by the USFWS	11/1/13			

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BIO-25c	PC	BIRD AND BAT MONITORING STUDY: Prepare and implement a Draft Bird and Bat Monitoring Study (include in BRMIMP) to monitor the death and injury of birds and bats from collisions with project facilities including heliostats and solar receiver tower, and burning caused by flying through focused sunlight around the solar receiver tower or standby points. The study should fulfill the requirements listed in the condition.	Submit to the CPM, Western, USFWS, and CDFG a draft Bird and Bat Monitoring Study.	Draft Study	No more than 45 days prior to site mobilization	2/15/14			
BIO-25d	PC	BIRD AND BAT MONITORING STUDY: Provide the CPM with the final version of the Bird and Bat Monitoring Study, as reviewed and approved by the CPM in consultation with Western, CDFG and USFWS. Modifications to the Bird and Bat Monitoring Study shall be made only with the approval of the CPM in consultation with Western, CDFG and USFWS.	Submit the required Bird and Bat Monitoring Study to the CPM.	Final Plan to CPM	No more than 15 days prior to site mobilization	3/17/14			Will add to working BRMIMP once approved
BIO-26	PC	IN LIEU FEE: The Project owner may choose to satisfy its mitigation obligations identified in this Decision 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, provided that the project's in-lieu fee provision is found by the Commission to be in compliance with CEQA and CESA requirements. If the in-lieu fee proposal is found by the Commission to be in compliance, and the Project Owner chooses to satisfy its mitigation obligations through the in-lieu fee, the Project Owner shall provide proof of the in-lieu fee payment to the CPM.	Refer to condition for details if this option is selected.		In lieu of buying compensation land; if this option is chosen, final security must be provided prior to GD	8/2/13			
CIVIL-01a	PC	Submit a design of the proposed drainage structures and the grading plan	Submit documents 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.	Drainage and grading drawings to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete	8/5/11	WP submitted to CBO	CEC approved 10/15/11
CIVIL-01b	PC	Submit an erosion and sedimentation control plan.	Submit documents 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.	Erosion and sediment control plans and drawings to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete	7/25/11	WP submitted to CBO	CEC approved 10/15/11
CIVIL-01c	PC	Submit a stormwater pollution prevention plan (SWPPP).	Submit documents 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.	Plan to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	3/2/14		WP to finalize plan and resubmit to CBO - upload new plan to RWQCCB website	CEC approved 10/15/11
CIVIL-01d	PC	Submit related calculations and specifications, signed and stamped by the responsible civil engineer.	Submit documents 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.	Stamped calcs/specs to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete		WP submitted to CBO	CEC approved 10/15/11
CIVIL-01e	PC	Submit the soils, geotechnical, or foundation investigations reports required by the CBC.	Submit documents 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.	Geotech Report to CBO	At least 30 days prior to the start of site grading or CBO approved time frame	Complete		WP submitted to CBO	CEC approved 10/15/11
COM-03	PC	COMPLIANCE VERIFICATION SUBMITTALS: A cover letter 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. Also identify those submittals not required by a condition of certification with a statement such as: "This submittal is for information only and is not required by a specific condition of certification." When submitting supplementary or corrected information, reference the date of the previous submittal and CEC submittal	All hardcopy submittals shall be addressed to the CPM. Submittals shall be accompanied by a searchable electronic copy, on a CD or by e-mail, as agreed upon by the CPM.	Electronic and hard copies of submittals	Ongoing during construction	Complete		Ongoing	Approved
COM-04	PC	PC MATRIX: 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.	Matrix to CPM	Prior to start of construction	Complete	7/13/11	2011-040	Approved verbally by CEC 7/13/11
COM-11a	PC	PROPERTY OWNER NOTIFICATION: Send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, 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 recorded complaints shall be responded to within 24 hours.	The telephone number shall be provided to the CPM who will post it on the CEC web page. Any changes to the telephone number shall be submitted immediately to the CPM, who will update the web page.	Letter to property owners with phone #	Prior to the start of construction	3/2/14			

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
COM-11b	PC	POST SIGN AT PROJECT SITE: The telephone number shall be posted at the project site and made easily visible to passersby during construction and operation.	Acquire Project phone number for Project signs and install sign at site upon receipt of CEC NTP letter.	Prepare wood sign and install at site	Prior to the start of construction	3/2/14			
CUL-01a	PC	Contribute to a special fund set up by the CEC and/or Western to finance the DTC/C-AMA Cultural Landscape Documentation and Possible NRHP Nomination Program (DTCCL Program) presented in the RSEP SA/DEIS. The amount of the contribution shall be \$22 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, with the approval of the CPM, with the first installment to constitute 1/3 of the total original contribution amount.	Contribute the entire amount of the required contribution or the first of three installments, equal to one-third of the total contribution amount, to the established funding vehicle for the Program. The delivery dates for the remaining installments shall be determined by the CPM, based on program requirements.	Make first 1/3 of payment to CPM	CPM has approved payment to be made prior to site mobilization	3/15/14			Pay Prelimin invoice has been received from CEC for 1st install payment of \$11,161.33
CUL-01b	PC	Provide a copy of the notice of successful transfer of funds for any payment or installment to the DTCCL fund to the CPM.	Provide the CPM with the required information.	Evidence of transfer to CPM	Within 10 days of receipt	3/15/14			
CUL-02a	PC	Obtain the services of a Cultural Resources Specialist (CRS) and one or more alternate CRSs, if alternates are needed. The CRS shall manage all monitoring, mitigation, curation, and reporting activities in accordance with the Conditions. The resumes for the CRS and alternate(s) shall demonstrate, to the satisfaction of the CPM, the requirements listed in the condition. The CRS may obtain the services of Cultural Resources Monitors (CRMs), as needed, to assist in monitoring, mitigation, and curation activities. The project owner shall ensure that the CRS implements the cultural resources conditions providing for data recovery from known historical resources and makes recommendations regarding the eligibility for listing in the CRHR of any cultural resources that are newly discovered or that may be affected in an unanticipated manner.	Submit the resumes for the CRS, the alternate CRS(s) if desired, and the PHA to the CPM for review and approval. The resumes for the CRS, alternate(s), and PHA shall demonstrate, to the satisfaction of the CPM, the requirements listed in the condition. No GD shall occur prior to CPM approval of the CRS and alternates, unless such activities are specifically approved by the CPM.	Resumes to CPM	Prior to the start of GD (includes preconstruction site mobilization and construction grading, boring, and trenching)	Complete	6/9/2011 8/1/11	2011-005 (CRS) and 2011-007 (CRMs) 2011-069 submitted additional info for Aaron	Natalie Lawson approved as alternative on 7/26/11 Aaron Fergusson approved on 8/1/11
CUL-02b	PC	Ensure that the CRS obtains the services of a qualified historical archaeologist to conduct the research specified in CUL-9. The Project Historical Archaeologist's (PHA) training and background must meet the U.S. Secretary of Interior's Professional Qualifications Standards for historical archaeology, as published in Title 36, Code of Federal Regulations, part 61.	Submit the resumes for the CRS, the alternate CRS(s) if desired, and the PHA to the CPM for review and approval. The resumes for the CRS, alternate(s), and PHA shall demonstrate, to the satisfaction of the CPM, the requirements listed in the condition.	Resumes to CPM	At least 120 days, but no less than 75 days prior to the start of GD	Complete	6/28/11 7/26/11 7/28/11	2011-027 2011-061 2011-066	Approved by CEC on 8/2/11
CUL-02c	PC	Confirm in writing to the CPM that the approved CRS (or alternate CRS) and PHA will be available for on-site work and are prepared to implement the cultural resources conditions of certification.	Provide the CPM with the required information.	Letter to CPM	At least 65 days prior to the start of data recovery on known archaeological sites	Complete	9/1/11	2011-085	Approved by CEC on 9/13/11
CUL-02f	PC	The CRS shall provide a letter to the CPM for review and approval, naming anticipated CRMs for the project providing resumes or other proof of qualifications, and attesting that the identified CRMs meet the minimum qualifications for cultural resources monitoring required by this Condition.	Submit the required information to the CPM for review and approval.	CRS Letter to CPM	At least 20 days prior to GD	Complete	6/9/11	2011-007 (CRMs)	Approved by CEC 10/14/11
CUL-03a	PC	Provide the CRS, PHA, and CPM with 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 for linear facility routes, the project owner shall provide copies to the CRS and CPM. The CPM shall review map submittals and, in consultation with the CRS, approve those that are appropriate for use in cultural resources planning activities. No GD shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Provide the CRS and PHA with copies of the AFC, data responses, confidential cultural resources documents, Staff Assessment (SA), and any subsequent revised or supplemental SA. Also provide the maps and drawings to the CRS, PHA, and CPM.	Maps/drawings to CPM	Preferably at least 115 days, but no less than 60 days prior to the start of GD	Complete	6/23/11	2011-018	Approved by CEC 6/23/11
CUL-03b	PC	If there are changes to any project-related footprint, provide revised maps and drawings for the changes to the CRS, PHA, and CPM.	Provide the CRS, PHA, and CPM with the required information if necessary.	Maps/drawings to CPM	At least 15 days prior to the start of GD	As required			No changes or phasing planned
CUL-03c	PC	If construction of the project would proceed in phases, maps and drawings not previously provided shall be provided to the CRS, PHA, and CPM prior to the start of each phase.	Submit the appropriate maps and drawings, if not previously provided, to the CRS, PHA, and CPM.	Site maps and drawings to CPM	At least 15 days prior to the start of each phase of a phased project	As required			
CUL-03d	PC	Written notice identifying the proposed schedule of each project phase shall be provided to the CRS and CPM.	Provide the CRS and CPM, by letter, e-mail, or fax, with a schedule of project activities for the following week, including the identification of area(s) where GD will occur. The project owner shall notify the CRS and CPM of any changes to the schedule of construction phases.	Schedule to CRS and CPM	Weekly, during GD	As required			

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CUL-04a	PC	Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS, with the contributions of the PHA, to the CPM for review and approval. The CRMMP shall include the requirements listed in the condition. The CRMMP shall specify the impact mitigation protocols for all known cultural resources and identify general and specific measures to minimize potential impacts to all other cultural resources, including those discovered during construction. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner.	Submit the CRMMP to the CPM for review and approval. No GD shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	CRMMP	Preferably at least 90 days, but no less than 30 days prior to the start of GD	1/1/14		9/6/11 2011-087	CEC has okayed preliminary version; submit final version in 2013
CUL-04b	PC	Agree to pay curation fees in a letter to the CPM for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Submit the required letter to the CPM.	Letter	At least 20 days prior to the start of GD	Complete	8/9/11	2011-077	Approved by CEC on 8/31/11
CUL-04c	PC	Provide to the CPM a copy of a letter from a curation facility that meets the standards stated in the California State Historical Resources Commission's Guidelines for the Curation of Archaeological Collections, stating the facility's willingness and ability to receive the materials generated by RSEP cultural resources activities and requiring curation. Any agreements concerning curation will be retained and available for audit for the life of the project.	Provide to the CPM a copy of the required letter.	Letter with Curation Agreement	At least 30 days prior to the initiation of GD	Complete	8/31/11	2011-083	Approved by CEC 9/14/11
CUL-06a	PC	Prepare a draft Worker Environmental Awareness Program (WEAP). The WEAP shall include the requirements addressed in the condition.	The CRS shall provide the training program draft text and graphics and the informational brochure to the CPM for review and approval.	Draft WEAP to CPM	At least 30 days prior to the beginning of GD	Complete	7/21/11 7/27/11	2011-050 script 2011-065 Handbook	Approved by CEC 8/17/11
CUL-06b	PC	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 GD is completed or suspended, but must be resumed when GD, such as landscaping, resumes.	The CPM will provide the project owner with a WEAP Training Acknowledgement form for each WEAP trained worker to sign.	WEAP Sign-In Sheet to CPM	At least 15 days prior to the beginning of GD	Complete			Approved by CEC 10/25/11
CUL-07a	PC	Ensure that the CRS, alternate CRS, or CRMs shall monitor, full time, all GD, to prevent construction impacts to undiscovered resources and to ensure that known resources are not impacted in an unanticipated manner. 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. From these 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.	The CPM shall provide to the CRS an electronic copy of a form to be used as a daily monitoring log. THIS FORM IS PART OF CRMMP	Daily log form to CPM	At least 30 days prior to the start of GD	3/2/14		9/6/11 2011-087	Include form in final CRMMP
CUL-07c	PC	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.	As long as no cultural resources are found, the 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.	CRS Daily Log	Daily	9/1/13			Ongoing as part of MCR
CUL-08a	PC	Grant authority to halt GD to the CRS, alternate CRS, PHA, and the CRMs in the event of a discovery. Redirection of GD shall be accomplished under the direction of the construction supervisor in consultation with the CRS.	Provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, PHA, and CRMs have the authority to halt GD in the vicinity of a cultural resources discovery.	Authority to Halt Letter	At least 30 days prior to the start of GD	Complete	8/9/11	2011-078	Approved by CEC on 8/17/11
CUL-09a	PC	Ensure that feature forms for all historic-period features at the Rice Army Airfield and Camp Rice are completed to the satisfaction of the CPM. The focus of the recordation is to recover any additional data associated with these features before they are destroyed during construction. A plan shall specify in detail the location recordation equipment and methods to be used and describe any anticipated post-processing of the data. The project owner shall then ensure that the CRS, the PHA, and/or archaeological team members implement the plan, if allowed by the CPM, which shall include, but is not limited to the tasks listed in items 1-10 in the condition.	Notify the CPM that mapping and upgraded in-field artifact analysis has ensued.	Notification Letter to CPM	At least 90 days prior to GD	1/1/14		CH2 sent via email on 3/12/12	
CUL-09b	PC	Submit feature records and a letter report written by the CRS, evidencing that the field portion of data recovery at each particular feature has been completed, evaluating whether the feature contributes to the overall eligibility of the property consistent with the requirements of the CRMMP. When the CPM approves the letter report, GD may begin at the feature location(s) that are the subject of the letter report.	Submit to the CPM for review and approval the feature records and a letter report written by the CRS.	Feature Records/Letter Report to CPM	At least 60 days prior to GD	1/31/14			
CUL-11a	PC	Submit conceptual plans for the Historic Interpretive Area to Western, BLM, and Riverside County for review and comment, and to the CPM for review and approval. Review condition for required elements within the plan.	Submit conceptual plans for the Historic Interpretive Area to Western, BLM, and Riverside County for review and comment, and to the CPM for review and approval.	Conceptual Plan	At least 30 days prior to the start of construction	Complete	7/25/11	2011-055 to CEC, 2011-058 to County, 2011-059 to Western & BLM	Approved by CEC 8/1/11

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CUL-13c	PC	The production company shall take the initial aerial footage of the remains of the Rice AAF and Camp Rice facilities along with representative features and training fields surrounding the project area, as necessary to convey the context of the Rice AAF and Camp Rice within the DTC/C-AMA. The original acquisition format shall be high definition, 16X9, 1080p digital format, using broadcast-level cameras and lenses. The aerial documentation shall be photographed using a television motion picture, industry-accepted camera stabilization system, mounted to a helicopter.	Take the initial aerial footage.	Aerial footage	Prior to the start of site mobilization	Complete		N/A	Complete
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 drawings and master specifications list. The master drawings and master specifications list shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures, systems, and equipment. Major structures, systems, and equipment are structures and their associated components or equipment that are necessary for power production, costly or time consuming to repair or replace, are used for the storage, containment, or handling of hazardous or toxic materials, or could become potential health and safety hazards if not constructed according to applicable engineering LORS. The schedule shall contain the planned date of each submittal to the CBO. To facilitate audits by CEC staff, provide specific packages to the CPM upon request. In addition to the design submittals referenced above, plans and calculations for all construction work shall be submitted to the CBO for approval.	Submit to the CBO and to the CPM the schedule, the master drawings, and the master specifications list of documents for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined above in Condition of Certification GEN-2. Major structures and equipment shall be added to or deleted from the list only with CPM approval. Provide schedule updates in the monthly compliance report.	Master drawing and spec list to CBO	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading	Complete	7/28/11	2011-056	Approved by CEC on 8/15/11
GEN-04a	PC	Assign a California-registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in the conditions of certification in the Transmission System Engineering section of this document. 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, plumbing, and electrical portions of the project, respectively. A registered civil engineer may be delegated responsibility for civil engineering aspects of the project such as grading, storm water pollution prevention practices (SWPPP), storm water management practices (SWMP), drainage, erosion, sedimentation control programs (DESCP) and similar aspects of civil engineering. The RE (or his delegate) must be located at the project site, or be available at the project site within a reasonable period of time, during any hours in which construction takes place. The RE shall have the authority to halt construction and to require changes or remedial work if the work does not meet requirements. The RE or his/her delegate shall fulfill the requirements described in the condition.	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 approvals of the RE and other delegated engineer(s) within five days of the approval.	Resumes and registration #s to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading	Complete	7/13/11	Submitted to CBO by WP.	Approved by CBO on 7/29/11
GEN-04b	PC	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.	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.	Resumes and registration #s to CBO	Within five days of the approval	Complete	8/1/11	2011-073 Resubmitted by WP in 2013 2013-007	Approved by CBO 7/31/13
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 civil engineer, soils (geotechnical) engineer and engineering geologist assigned to the project. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Resumes and registration #s to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading	Complete	8/1/11	Resubmitted to CBO by WP 2013-007	Approved by CBO 7/31/13
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. 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 design engineer, mechanical engineer, and electrical engineer assigned to the project. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Resumes and registration #s to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction	Complete		Resubmitted to CBO by WP 2013-007	Approved by CBO 7/31/13

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HAZ-04	PC	Prepare a site-specific Construction Site Security Plan for the construction phase. The Construction Security Plan shall include the following: 1. Perimeter security consisting of fencing enclosing the construction area; 2. Security guards; 3. Site access control consisting of a check-in procedure or tag system for construction personnel and visitors; 4. Written standard procedures for employees, contractors and vendors when encountering suspicious objects or packages on-site or off-site; 5. Protocol for contacting law enforcement, the CPM in the event of suspicious activity or emergency; and 6. Evacuation procedures.	Notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Construction Security Plan	At least 30 days prior to commencing construction	Complete	8/31/11	2011-085	Approved by CEC 9/14/11
LAND-01	PC	Adjust the boundaries of all parcels or portions of parcels that constitute the Rice Solar Energy Project site, identified in the project Application for Certification (AFC) as Riverside County Assessor's Parcel Numbers 801-070-003, 801-070-004, 801-100-005, and 801-100-006, excepting all project elements within the Bureau of Land Management (BLM)-approved, project-related Rights-of-Way (ROWs) and linear easements, or other independent ROWs or privately held easements, as necessary to merge all properties into a single parcel, under single control and ownership, in accordance with provisions and procedures set forth in the County of Riverside's Ordinance #460.151; Ordinance #348, §§15.1 and 15.2; and the Comprehensive General Plan of Riverside County.	Submit evidence to the CPM indicating approval of the parcel merger by Riverside County.	Parcel Merger approval	At least 30 days prior to the start of site preparation and construction	Complete	7/11/11	2011-035	Approved by CEC 8/1/11
LAND-05a	PC	Submit a development plan that includes all elements normally required for review and permitting of a similar project, including site plan, structural dimensions, design and exterior elevation(s), and proof of any required permits. The project owner shall pay applicable Planning Department fees, if any, for review of the plan.	Submit the proposed development plan to the Riverside County Planning Department to review for substantial conformance with county regulations and comment, and to the CPM for review and approval. The project owner shall also provide the CPM with copies of the transmittal letter to Riverside County and any associated correspondence.	Development Plan to County	At least 90 calendar days prior to the start of construction, including any grading or site remediation on the power plant project site or its associated easements	Complete	6/27/11	2011-024 (CEC) and 2011-025 (County)	County did not respond; CEC has okayed
LAND-05b	PC	Ensure that all project-related facilities on private lands, including temporary construction parking and laydown area(s), are constructed and operated in compliance with all applicable Riverside County land use laws, ordinances, regulations, and standards, including zoning and building code requirements, except as noted in this document.	Provide copies of any comment letters received from the local jurisdiction, along with any changes to the proposed development plan, to the CPM for review and approval.	Comment letters from County to CPM	At least 30 calendar days prior to the start of construction	Complete			County did not respond; CEC has okayed
LAND-08a	PC	Submit a Construction Parking Plan that includes all specified elements identified in condition of certification LAND-8 and be consistent with Riverside County parking requirements for space size and circulation.	Submit the Construction Parking Plan to the CPM for review and approval.	Plan to CPM	At least 90 days prior to the start of construction	Complete	7/1/11	2011-031 Provided explanation of 52 spaces on 7/24/11	CEC approved 11/21/11
NOISE-01a	PC	Notify all residences and businesses, if any, within three miles of the project site boundaries and one-half mile of linears, 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. If the telephone is not staffed 24 hours per day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended.	Transmit to the CPM (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.	Notification Letter to CPM	At least 15 days prior to the start of GD	3/17/14			
NOISE-01b	PC	This telephone number shall be posted at the project site during construction in a manner visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	Install the sign at the project site and maintain telephone number until the project has been operational for at least one year.	Install sign at site	At least 15 days prior to the start of GD	3/17/14			
NOISE-03	PC	Submit a noise control program and a statement, signed by the project owner's project manager, verifying that the noise control program will be implemented throughout construction of the project. The noise control program shall be used to reduce employee exposure to high noise levels during construction to comply with applicable OSHA and Cal/OSHA standards.	Submit to the CPM the noise control program and the project owner's project manager's signed statement. Make the program available to Cal/OSHA upon request.	Plan to CPM	At least 30 days prior to the start of GD	Complete	8/10/11	2011-071	Approved by CEC on 8/31/11
PAL-01a	PC	Provide the CPM with the resume and qualifications of its PRS for review and approval. Refer to condition for qualification requirements. If the approved PRS is replaced prior to completion of project mitigation and submittal of the Paleontological Resources Report, obtain CPM approval of the replacement PRS. The project owner shall keep resumes on file for qualified paleontological resource monitors (PRMs). If a PRM is replaced, the resume of the replacement PRM shall also be provided to the CPM.	Submit a resume and statement of availability of its designated PRS for on-site work.	Resume and statement of availability to CPM	At least 60 days prior to the start of GD	Complete	6/9/11	2011-002	Approved 6/20/11

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PAL-01b	PC	Provide a letter with resumes naming anticipated monitors for the project, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	Submit the requested info to the CPM .	Resumes to CPM	At least 20 days prior to GD	Complete	6/9/11	2011-002	Approved 6/20/11
PAL-02a	PC	Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the power plant, construction lay-down areas, and all related facilities. Maps shall identify all areas of the project where GD is anticipated. If the PRS requests enlargements or strip maps for linear facility routes, provide copies to the PRS and CPM. The site grading plan and plan and profile drawings for the utility lines would be acceptable for this purpose. The plan drawings should show the location, depth, and extent of all GDs and be at a scale between 1 inch = 40 feet and 1 inch = 100 feet.	Provide the maps and drawings to the PRS and CPM.	Maps/drawings to CPM	At least 30 days prior to the start of GD	Complete	8/2/11	2011-073	Approved by CEC 8/15/11
PAL-03	PC	Ensure that the PRS prepares a 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 CPM. The PRMMP shall include 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 GD.	Plan to CPM	At least 30 days prior to GD	Complete	7/26/11	2011-060	Approved by CEC 8/8/11
PAL-04a	PC	The PRS shall prepare and conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, foremen, and general workers involved with or who operate ground-disturbing equipment or tools. Workers shall not excavate in sensitive units prior to receiving CPM-approved worker training. Worker training shall consist of an initial in-person PRS training during the project kick off for those mentioned above. The WEAP shall address the possibility of encountering paleontological resources in the field, the sensitivity and importance of these resources, and legal obligations to preserve and protect those resources. The training shall include items 1-7 in the condition.	Submit the proposed WEAP, including the brochure, with the set of reporting procedures for workers to follow. No GD shall occur prior to CPM approval of the Worker Environmental Awareness Program (WEAP), unless specifically approved by the CPM.	WEAP materials to CPM	At least 30 days prior to GD	Complete	7/21/2011 7/27/11	2011-051 Script; 2011-064 Handbook	Approved by CEC 8/8/11
PAL-04b	PC	Following initial training, a CPM- approved video or in-person training may be used for new employees. The training program may be combined with other training programs prepared for cultural and biological resources, hazardous materials, or other areas of interest or concern.	Submit the script and final video to the CPM for approval if planning to use a video for interim training.	Script and video to CPM	At least 30 days prior to GD	Complete			Approved by CEC 10/27/11
S&W-01a	PC	Prepare a site specific DESCP that ensures protection of water quality and soil resources of the project site and all linear facilities for both the construction and operation phases of the project. This plan shall address appropriate methods and actions, both temporary and permanent, for the protection of water quality and soil resources, demonstrate no increase in off- site flooding potential, and identify all monitoring and maintenance activities. complete all engineering plans, reports, and documents necessary for the CPM to conduct a review of the proposed project and provide a written evaluation as to whether the proposed grading, drainage improvements, and flood management activities comply with all requirements presented herein. The plan shall be consistent with the grading and drainage plan as required by Condition of Certification CIVIL-1 and shall contain the items specified in this condition. Refer to condition for plan required elements.	Obtain the CPM's approval of the site specific DESCP. 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 be submitted to the chief building official (CBO) for review and approval.	Plan to CPM	Prior to site mobilization	Complete	6/29/11	2011-029	Approved by CEC on 7/19/11
S&W-01b	PC	Submit a copy of the DESCP to Riverside County and RWQCB for review and comment. The CPM shall consider comments received from Riverside County and RWQCB and approve the DESCP.	Submit a copy of the DESCP to Riverside County and RWQCB for review and comment.	Plan to RWQCB & Riverside County	No later than 90 days prior to start of site	Complete	7/22/11	2011-045	Approved by CEC 11/8/11
S&W-03a	PC	Develop and implement a Channel Maintenance Program (Program) that provides long-term guidance to implement routine channel maintenance projects and to comply with SOIL&WATER-1 in a feasible and environmentally-sensitive manner. The Channel Maintenance Program shall include the requirements listed in the condition.	Coordinate with the CPM to develop the Channel Maintenance Program and submit two copies of the programmatic documentation, describing the proposed Channel Maintenance Program, to the CPM (for review and approval).	Plan to CPM	At least 60 days prior to the start of any project-related site disturbance activities	Complete	6/24/11	2011-026	Approved by CEC on 7/12/11
S&W-03b	PC	Provide written notification that they plan to adopt and implement the measures identified in the approved Channel Maintenance Program.	Submit the required information to the CPM.	Notification Letter to CPM	At least 60 days prior to the start of any project-related site disturbance activities	8/2/13	8/1/13	2013-005	
S&W-04a	PC	Pre-Well Installation: Construct and operate up to two on-site groundwater wells that produce water from the Rice Valley Groundwater Basin, and ensure that the wells are completed in accordance with all applicable state and local water well construction requirements.	Submit a Groundwater Monitoring and Management Plan to Riverside County for review and comment (see Condition of Certification SOIL&WATER-6).	Plan to Riverside County	No later than 60 days prior to the use of groundwater for site construction	Complete	6/20/11	2011-017	Approved by County

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
S&W-05b	PC	Install and maintain metering devices as part of the water supply and distribution system to document project water use and to monitor and record in gallons per month the total volume(s) of water supplied to the project from this water source. The metering devices shall be operational for the life of the project.	Submit to the CPM a copy of evidence that metering devices have been installed and are operational.	Photo of installed meter to CPM	At least 60 days prior to the start of construction	Complete	8/7/11	2011-074	Approved by CEC 9/12/11
S&W-06a	PC	Prepare and submit a Groundwater Level and Quality Monitoring and Reporting Plan. The Plan shall include a scaled map showing the site and vicinity, existing well locations, and proposed monitoring locations (both existing wells and new monitoring wells proposed for construction). The map shall also include relevant natural and anthropogenic features (existing and proposed as part of this project). The plan also shall provide: (1) well construction information and borehole lithology for each existing well proposed for use as a monitoring well; (2) description of proposed drilling and well installation methods; (3) proposed monitoring well design; and, (4) schedule for completion of the work.	Submit a Groundwater Level and Quality Monitoring and Reporting Plan to the CPM for review and approval.	Plan to CPM	At least 6 weeks prior to construction	Complete	6/17/11	2011-015	Approved 7/15/11
S&W-06b	PC	Submit a Well Monitoring Installation and Groundwater Level Network Report. The report shall include a scaled map showing the final monitoring well network. If applicable, it shall document the drilling methods employed, provide individual well construction as-buils, borehole lithology recorded from the drill cuttings, well development, and well survey results. The well survey shall measure the location and elevation of the top of the well casing and reference point for all water level measurements, and shall include the coordinate system and datum for the survey measurements. Additionally, the report shall describe the water level monitoring equipment employed in the wells and document their deployment and use.	Submit a Well Monitoring Installation and Groundwater Level Network Report to the CPM for review and approval.	Report to CPM	At least 4 weeks prior to construction	Complete	8/31/11	2011-084	Approved by CEC 10/3/11
S&W-06c	PC	Baseline groundwater quality and groundwater level monitoring data shall be reported to the CPM. The report shall include the following: 1. An assessment of pre-project groundwater levels in the upper and lower aquifer, a summary of available climatic information (monthly average temperature and rainfall records from the nearest weather station), and a comparison and assessment of water level data relative to the assumptions and spatial trends simulated by the applicant's groundwater model; 2. An assessment of pre-project groundwater quality with groundwater samples analyzed for TDS, chloride, nitrates, major cations and anions, and oxygen-18 and deuterium isotopes. These analyses, and particularly the stable isotope data, can be useful for identifying partially evaporated water sources and assessing their contributions to the quality of water produced by wells.	The data shall be tabulated, summarized, and submitted to the CPM. The data summary shall include the estimated range (minimum and maximum values), average, and median for each constituent analyzed. The data shall also be analyzed using the Mann-Kendall test for trend to assess whether pre-project water quality trends, if any, are statistically significant.	Data summary to CPM	At least 4 weeks prior to beginning groundwater pumping for project construction	Complete	8/31/11	2011-084	Approved by CEC 10/3/11
TRANS-01	PC	Consult with Riverside County, San Bernardino County, and/or Caltrans and prepare and submit to the CPM (CPM) for approval a Construction Traffic Control Plan and implementation program. The Traffic Control Plan shall be prepared in accordance with Caltrans Manual on Uniform Traffic Control Devices and the WATCH Manual and shall include but is not limited to the issues outlined in the condition.	Provide to the CPM a copy of the Construction Traffic Control Plan and implementation program documents for review and approval.	Plan to CPM	At least 30 days prior to site mobilization	Complete	6/29/11	2011-028	Approved by CEC on 7/20/11
TRANS-03a	PC	Photograph, videotape, or digitally record images of the roadways that will be affected by all heavy construction traffic and utility line construction.	Provide to the CPM a copy of all photograph, videotape, or digitally record images of the roadways. Additionally, provide the CPM, Riverside County, San Bernardino County, and/or Caltrans with a copy of the images for the roadway segments under its jurisdiction.	Roadway video to CPM and images to Counties and Caltrans	At least 30 days prior to site mobilization	Complete			6/20/13 CPM confirms no video needed for Rice
VIS-03a	PC	To address potential impacts to motorists on SR 62 during and after the period of project construction, all construction laydown, administration, parking and other construction-related facilities shall be setback from SR- 62 a minimum of 100 feet, or greater where feasible. The soil surface and vegetation of the set-back area south of the highway shall remain undisturbed to the maximum extent feasible, except to accommodate the minimum practical number of access drive-ways, or to enhance existing native vegetation. All construction-related lighting shall be shielded, downwardly directed, with all direct lighting limited to within the project site.	Present to BLM's Authorized Officer and the CPM a revised staging area site plan including a set-back from SR-62 of at least 100 feet. If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a revised plan for review and approval by the CPM. The project owner shall not begin construction until receiving CPM approval of the revised plan.	Staging Area Site Plan to BLM and CPM	At least 90 days prior to start of construction	Complete	6/15/11 6/15/11	2011-012 to CEC 2011-014 to BLM	Similar work product to BIO-21a Approved by CEC on 6/23/11
WASTE-01	PC	Provide the resume of an experienced and qualified professional engineer or professional geologist, who shall be available during site characterization (if needed), demolition, excavation, and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies. 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 the resume to the CPM for review and approval.	Resume to CPM	At least 30 days prior to the start of site mobilization	Complete	6/9/11	2011-001	Approved by CEC on 6/9/11

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WASTE-03	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; and 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 assure correct classification, methods of transportation, disposal requirements and sites, and recycling and waste minimization/source reduction plans. The applicant shall strive to achieve at least a 50% reduction of waste construction and demolition materials by reuse and recycling to meet landfill waste diversion goals consistent with the Integrated Waste Management Act of 1989.	Submit the Construction Waste Management Plan to the CPM for approval.	Plan to CPM	No less than 30 days prior to the initiation of construction activities at the site	Complete	7/5/11	2011-033	Approved by CEC on 8/24/11
WASTE-04a	PC	Prepare Unexploded Ordnance (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, a description of the training program outline and materials, and the qualifications of the trainers; and identification of available trained experts that will respond to notification of discovery of any ordnance (unexploded or not); and a work plan to recover and remove discovered ordnance, and complete additional field screening.	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.	Plan to CPM	No less than 60 days prior to the initiation of construction activities at the site	Complete			Approved by CEC on 10/27/11
WASTE-04b	PC	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 geophysical surveys to the CPM.		Within 30 days of completion of the surveys	10/30/13			
WASTE-05	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 in the next scheduled Monthly Compliance Report 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 and AO in the next scheduled compliance report.	Haz Waste ID # to CPM	Prior to generating any hazardous waste	3/2/14			
WORKER-SAFETY-01a	PC	Submit a copy of the Project Construction Safety and Health Program containing the following construction plans: PPE Program, Exposure Monitoring, HIPP, EAP, FPP, and Heat Stress Protection Plan.	Submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program.	Plan to CPM	At least 30 days prior to the start of construction	Complete	9/12/11	2011-088	Approved by CEC 9/14/11
WORKER-SAFETY-01b	PC	The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Riverside County Fire Department for review and comment prior to submittal to the CPM for approval.	Submit the EAP and FPP to the RCFD for review and comment prior to CPM submittal.	Plans to County Fire Dept	Send plans to County 60 days prior to start of construction	Complete	7/21/11	2011-048	RCFD approved 8/9/11
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 the CPM the name and contact information for the Construction Safety Supervisor (CSS). The contact information of any replacement CSS shall be submitted to the CPM within one business day.	Contact info to CPM	At least 60 days prior to the start of site mobilization	Complete	7/5/11	2011-032	Jeremy Barker Approved by CEC on 7/19/11
WORKER-SAFETY-04a	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. 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.	Provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	CBO Services Contract to CPM	At least 60 days prior to the start of construction	Complete	7/11/11	2011-034	Approved by CEC on 7/19/11
WORKER-SAFETY-05a	PC	Ensure that a portable automatic external defibrillator (AED) is located on site during construction and operations and 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.	Evidence of purchase of AED and training plan to CPM	At least 60 days prior to the start of site mobilization	Complete	7/21/11	2011-043	Approved by CEC on 8/10/11
WORKER-SAFETY-06a	PC	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, and provide a second access road that comes to the site. This road shall be at a minimum an all-weather gravel road, at least 20 feet wide, and with culverts to direct flow under the road at any wash the road may cross.	Submit to the Riverside County Fire Department and the CPM preliminary plans showing the location of a second access gate to the site, a description of how the gate will be opened by the fire department, and a description and map showing the location, dimensions, and composition of the main road, and the gravel road to the second gate.	Plans to County Fire Dept and CPM	At least 60 days prior to the start of site mobilization	Complete	7/12/2011 7/12/11	2011-038 to CEC 2011-039 to RCFD	Approved by CEC on 7/19/11

Cond of Cert. #	Sort Code	Summary Description of Project Owner's Responsibilities (Refer to Commission Decision for Complete Condition)	Verification Language	Deliverable	Timeframe	Date Due to CEC CPM	Date Submitted	Chron Log	Status/ Notes
WORKER-SAFETY-06b	PC	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 to maintain the roads shall be submitted to the Riverside County Fire Department for review and comment and to the CPM for review and approval.	Submit final plans plus the road maintenance plan to the CPM for review and approval. The final plan submittal shall also include a letter containing comments from the Riverside County Fire Department or a statement that no comments were received.	Plan to CPM	At least 30 days prior to the start of site mobilization	Complete	8/9/11	2011-076	Approved by CEC on 8/10/11
WORKER-SAFETY-07	PC	Fund the project-related share of cumulative impacts by paying the County of Riverside development as required by Condition of Certification LAND-6, property taxes, and a one-time payment of \$570,000.	Provide to the CPM documentation that a letter of credit in the amount of \$570,000 has been provided to the RCDF.	LOC documentation	At least 30 days prior to the start of site	3/2/14			\$570,000 cash payment due to RCDF
WORKER-SAFETY-08	PC	Develop and implement an enhanced Dust Control Plan that includes the requirements described in AQ-SC3 and additionally requires: a) site worker use of dust masks (NIOSH N-95 or better) whenever visible dust is present; b) implementation of methods equivalent to Rule 402 of the Kern County Air Pollution Control District (as amended Nov. 3, 2004); and c) implementation of enhanced dust control methods (increased frequency of watering, use of dust suppression chemicals, etc. consistent with AQ-SC4) immediately whenever visible dust comes from or onto the site or when PM10 measurements obtained when implementing ii (above) exceed 50 micrograms per cubic meter (µg/m3).	Submit the enhanced Dust Control Plan to the CPM for review and approval.	Plan to CPM	At least 60 days prior to the commencement of site mobilization	Complete	7/12/11	2011-037	Approved by CEC on 7/19/11
WORKER-SAFETY-09a	PC	During any construction activities, provide onsite: a) an Advanced Life Support Provider who is certified by Riverside Emergency Medical Services (REMS) along with the appropriate equipment and supplies.	Either provide a letter to the CPM from Riverside County stating this condition cannot lawfully be implemented in accordance with its ordinance or provide to the CPM for review and approval the name and contact information for the Advanced Life Support Provider. The contact information of any replacements shall be submitted to the CPM within one business day, and provide evidence in each Monthly Compliance Report during commercial operation.	Obtain letter from Riverside County or contact info for Advanced Life Support Provider	At least 30 days prior to the commencement of site mobilization	Complete	6/9/11	2011-003	Approved by CEC on 7/14/11
WORKER-SAFETY-09b	PC	During any construction activities, provide onsite a Basic Life Support Ambulance with a California certified driver for use during medical emergency events.	Either provide a letter to the CPM from Riverside County stating this condition cannot lawfully be implemented in accordance with its ordinance or provide to the CPM for review and approval a letter confirming that the Basic Life Support Ambulance is available and will be onsite during any construction activities and provide evidence in each January Monthly Compliance Report during construction.	Obtain letter from Riverside County or letter from Basic Life Support Ambulance	At least 30 days prior to the commencement of site mobilization	Complete	6/9/11	2011-003	Approved by CEC on 7/14/11
WORKER-SAFETY-09c	PC	During any construction activities, provide onsite a Memorandum of Understanding (MOU) with REMS for utilization of air medical services.	Either provide a letter to the CPM from Riverside County stating this condition cannot lawfully be implemented in accordance with its ordinance or provide to the CPM for review and approval proof of its MOU with REMS for air medical service and provide evidence in each January Monthly Compliance Report during construction.	Obtain letter from Riverside County or MOU with REMS	At least 30 days prior to the commencement of site mobilization	Complete	6/9/11	2011-003	Approved by CEC on 7/14/11
WORKER-SAFETY-11	PC	Provide the CPM with a schedule indicating when construction activities that create the potential for rescue incidents will be ongoing, the type of construction to be done, the names of the rescue team members to be onsite, and documentation showing that the rescue team members have the appropriate training.	Provide to the Safety Monitor (provided for in Worker Safety-04) for review and to the CPM for review and approval A) a schedule indicating when the construction activities will occur; B) a description of the type of construction to be done; C) the names of the rescue team members to be onsite; and D) documentation showing that the rescue team members have the appropriate training.	Construction schedule of activities that may require rescue	At least 60 days prior to the commencement of any construction activities that create the potential for	Complete	8/1/11	2011-072	CEC approved 9/12/11

Exhibit 2

WEAP Certifications/Sign-In Sheets

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
 Biological Resources, Cultural Resources and Paleontological Resources
 Education Program Verification - All Onsite Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Worker Environmental Awareness Program training for employees onsite at the Rice Solar Energy Project. By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Rice Solar Energy Project, and I agree to comply with all the environmental requirements presented.

No.	Employee Name	Company	Signature	Date
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WorleyParsons

resources & energy

TRAINING SIGN IN SHEET

Date	8/21/2013	Speaker/Presenter	Web Based
Time	3:00-5:00 p.m.	Type	WEAP Training

No.	Name	Signature
1	Bob Anders	<i>[Signature]</i>
2	Rodney Hill	<i>[Signature]</i>
3	Ed Baquerizo	<i>[Signature]</i>
4	Jonas Dahlgren	<i>[Signature]</i>
5	Marcowan Roxas	<i>[Signature]</i>
6	Ignacio Plata	
7	Adolfo MaCia	<i>[Signature]</i>
8	Alejandra de Jorda	<i>[Signature]</i>
9	Andrea Grenier	<i>[Signature]</i>
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Trainer: Andrea Grenier Signature: *[Signature]* Date: 8 / 21 / 2013

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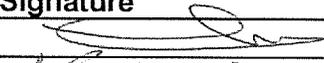
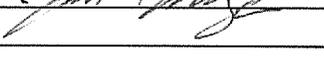
No.	Employee Name	Company	Signature	Date
1.	MIKE LESTER	JDK DRILLING, INC.	<i>[Signature]</i>	8-21-13
2.	ROBERT MABERS	<i>[Large handwritten bracket]</i>	<i>[Signature]</i>	8-21-13
3.	ETHAN LINEBERG		<i>[Signature]</i>	8-21-13
4.	CALEB TRUSTY		<i>[Signature]</i>	8-21-13
5.	JOSE SANDOVAL		<i>[Signature]</i>	8-21-13
6.	BRIAN ALANAR		<i>[Signature]</i>	8/21/13
7.	SOPHTYN LORN		<i>[Signature]</i>	8/21/13
8.	CHARLIE TINGHELY		<i>[Signature]</i>	8-12-13
9.	STAN LINEBERG		<i>[Signature]</i>	8-12-13
10.	SHANNON MABERS		<i>[Signature]</i>	8/21/13
11.	RON ICENDELE		<i>[Signature]</i>	8/21/13
12.	CHRIS WARNER		<i>[Signature]</i>	8-21-13
13.	DON KINLOCH		<i>[Signature]</i>	8/21/13
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Trainer: Andrea Grenier Signature: *[Signature]* Date: 8 / 21 / 13

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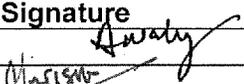
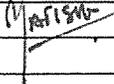
No.	Employee Name	Company	Signature	Date
1.	Fouad (Fred) Abuhandan	Terracon		8/21/13
2.	Kimsear Tang	Terracon		8/21/13
3.	Josh Morgan	TERRACON		8/21/13
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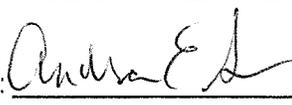
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No.	Employee Name	Company	Signature	Date
1.	ALI WALY	TERRACON		08.21.13
2.	Yatish Jakatimath	TERRACON		08/21/13
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Trainer: Andrea Grenier Signature:  Date: 8, 21, 13



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No.	Employee Name	Company	Signature	Date
1.	Travis Campbell	CalPac Drilling	[Signature]	8-20-13
2.	JOSHUA WILLIAMSON	CALPAC Drilling	[Signature]	8-21-13
3.	VERONICA LOPEZ	Calpac Drilling	[Signature]	8-21-13
4.	Andy Vande Poppe	Cal Pac Drilling	[Signature]	8-21-13
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Trainer: Andrea Grenier Signature: [Signature] Date: 8, 21, 13

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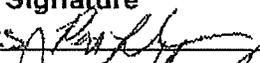
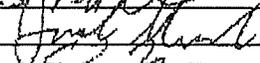
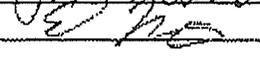
No.	Employee Name	Company	Signature	Date
1.	VAUGHAN JOHNSON	SOLARRESERVE	<i>[Signature]</i>	8.22.13
2.	ROB HOLT	THE HOLT GROUP	<i>[Signature]</i>	8-22-13
3.	BRANDON WELLCOME	THE HOLT GROUP	<i>[Signature]</i>	8/22/13
4.	CHARLES "BUTZ" HULL	THE HOLT GROUP	<i>[Signature]</i>	8/22/13
5.	JoAnn Potthoff	Bonnie Baker	<i>[Signature]</i>	8/22/13
6.	TERRY CONAWAY	BONNIE BAKER	<i>[Signature]</i>	8/22/13
7.	EVERETTE REYES	THE HOLT GROUP	<i>[Signature]</i>	8/22/13
8.	ANTONIO MORENO	THE HOLT GROUP	<i>[Signature]</i>	8.22.13
9.	BARBARA MARTIN NADERU	THE HOLT GROUP	<i>[Signature]</i>	8-22-13
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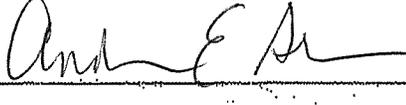
Trainer: Andrea Grenier Signature: Andrea E. Grenier Date: 8, 22, 13

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
Biological Resources, Cultural Resources and Paleontological Resources
Education Program Verification - All Onsite Employees

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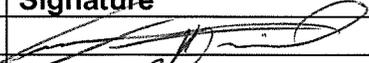
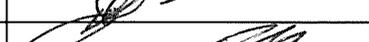
No.	Employee Name	Company	Signature	Date
1.	Patrick Lehman	Southwest Geophysics		8/26/13
2.	Jared Marsh	" "		8/26/13
3.	Ed Verdugo	" "		8/26/13
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Trainer: Andrea Gremer Signature:  Date: 8, 26, 13

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
 Biological Resources, Cultural Resources and Paleontological Resources
 Education Program Verification - All Onsite Employees

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No.	Employee Name	Company	Signature	Date
1.	Abdul Haikal	Terracon		8/29/13
2.	Tommy Blaw Kemmen	Crown Fence		8/29/13
3.	Tom Bridge	Crown Fence		8/29/13
4.	Margarito Lopez Fragosa	Crown Fence		8/29/13
5.	Ray Mendoza	Crown Fence		8-29-13
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Trainer: Andrea Grenier Signature: Andrea E. Grenier Date: 8, 29, 13

Certification of Completion of Worker Environmental Awareness Program Training

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 Biological Resources, Cultural Resources and Paleontological Resources
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No.	Employee Name	Company	Signature	Date
1.	Mercy Vaughn	SBI	<i>[Signature]</i>	8/27/13
2.	NATHAN JONES	SBI	<i>[Signature]</i>	8-27-13
3.	COLDEN M'CLURG	SBI	<i>[Signature]</i>	8/27/13
4.	Arman Bergsson	CH2M HILL	<i>[Signature]</i>	8/27/13
5.	Phillip Reid	Ch2m Hill	<i>[Signature]</i>	8-27-13
6.	Jim MARSHALL	CH2M HILL	<i>[Signature]</i>	8-27-13
7.	Cynthia Furman	SBI	<i>[Signature]</i>	8-27-13
8.	Peter Quashee	SBI	<i>[Signature]</i>	9-01-13
9.	Shannon DiRozzo	SBI	<i>[Signature]</i>	9-1-13
10.	Gerald Monks	SBI	<i>[Signature]</i>	9-1-13
11.	Cynthia Furman	SB	<i>[Signature]</i>	9-1-13
12.	Leif Wjas	SB	<i>[Signature]</i>	9-1-13
13.	Tom Bartels	SB	<i>[Signature]</i>	9-1-13
14.	Jennie Dean	SB	<i>[Signature]</i>	9-1-13
15.	MIKE MCGOVERN	SB	<i>[Signature]</i>	9-1-13
16.	Brendan O'Brien	SB	<i>[Signature]</i>	9/1/13
17.	Kristine Foley	SB	<i>[Signature]</i>	9/1/13
18.	Adam Dunne J	SB	<i>[Signature]</i>	9/1/13
19.	Deanna Sanderson	SB	<i>[Signature]</i>	9/1/2013
20.	TRACY TAYLOR	SB	<i>[Signature]</i>	9/1/2013
21.	Tim Hockel	SB	<i>[Signature]</i>	9/1/2013
22.	MELINA SHIELDS	SB	<i>[Signature]</i>	9/1/2013
23.	Alex Mach	SBI	<i>[Signature]</i>	9/1/2013
24.	Mike Bassett	SBI	<i>[Signature]</i>	9/1/2013
25.	Kathryn Holmes	SB	<i>[Signature]</i>	9/1/2013
26.	Thad Stewart	SB	<i>[Signature]</i>	9/1/13
27.	Christine Stirling	SBI	<i>[Signature]</i>	9/1/13
28.	ANTHONY DEE	SR1	<i>[Signature]</i>	9/1/13
29.	SARAH CLINGER	SBI	<i>[Signature]</i>	09/01/13
30.	Colden McClurg	SBI	<i>[Signature]</i>	09/01/13

Trainer: *[Signature]* Signature: Mercy Vaughn Date: 9/1/13

Certification of Completion of Worker Environmental Awareness Program Training

Rice Solar Energy Project, Riverside County, California
 Biological Resources, Cultural Resources and Paleontological Resources
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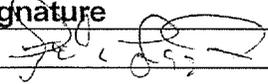
No.	Employee Name	Company	Signature	Date
1.	ERIC HARDC	CRZ		9/3/13
2.	Hector Vasquez	CROWN FENCE		9-3-13
3.	Luis Molina	CROWN FENCE		9-3-13
4.	Erica Maier	CH2M HILL/HKA		9/3/13
5.	ART RUELAS	CH2M HILL/HKA		9/3/13
6.	ROBERT BORTON	CROWN FENCE		9/3/13
7.	Shawn Canning	Las Vegas Paving		9-3-13
8.	Art Warden	Las Vegas Paving		9-3-13
9.	Dale Smith	VJD		9-3-13
10.	Kathy Sangster	VJD		09-03-13
11.	Gary Eldred (Butch)	VJD		9/3/13
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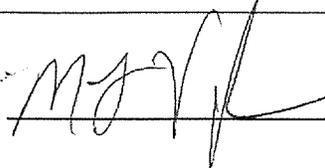
Trainer: Doug Davy Signature: [Signature] Date: 09/03/2013

Certification of Completion of Worker Environmental Awareness Program Training

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No.	Employee Name	Company	Signature	Date
1.	John Light	Laborers 1184		9-5-13
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Trainer:  Signature: Mercy Vaughn Date: 9, 05, 2013

Certification of Completion of Worker Environmental Awareness Program Training

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No.	Employee Name	Company	Signature	Date
1.	Curt Creceltus	CB Plumbing	<i>Curt Creceltus</i>	9-6-13
2.	ZACHARY CRECELTUS	CB PLUMBING	<i>[Signature]</i>	9-6-13
3.	JEHAN GIR-KHAN	HAWKS	<i>[Signature]</i>	9-6-13
4.	Raymond L Hoover	RE Hoover	<i>[Signature]</i>	9-9-13
5.	Sage Clegg	Sundance Biology	<i>[Signature]</i>	9-9-13
6.	Richard D. Hoyt	Yellow Jacket Drilling	<i>Richard D. Hoyt</i>	9-9-13
7.	Mark Trudell	Worley Parsons	<i>Mark Trudell</i>	9-9-13
8.	SHANNON EDWARDS	yellow jacket	<i>[Signature]</i>	9/9/13
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Trainer: *Meray Vaughn* Signature: *[Signature]* Date: 9/16/13

Exhibit 3

Cultural Resources Monitoring Report

Rice Solar Energy Project Monthly Compliance Report of Cultural Resources Monitoring Activities, August-September 2013 Condition of Certification CUL-7

Prepared For: Doug Davy, Sarah Madams, CH2M HILL
Prepared By: Aaron Fergusson/RSEP CRS
Date: September 18, 2013

This report covers cultural resources monitoring activities at the Rice Solar Energy Project for the period from August 26 to September 15, 2013, as required by Condition of Certification CUL-7.

Personnel Active in Cultural Monitoring This Period

Phillip Reid (fencing), Erica Maier (geotech), and Art Ruelas (geotech) participated as cultural resources monitors (CRMs) for this period.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance this month included: (1) installation of desert tortoise exclusion fencing around the perimeter of the site and (2) geotechnical boring around the site. Prior to fence installation or ground disturbance associated with clearing the fence line, known features or artifact concentrations that could be affected by fence installation were recorded according to the requirements of CUL-9 utilizing the DTCC Field Manual by CRM Phil Reid and Designated Cultural Resources Specialist (CRS) Aaron Fergusson. Features impacted/recorded were C30, F40, F47, F74, and F77. Ground disturbances were monitored including initial vegetation clearing and cutting the V-trench around the perimeter of the site, for the entire length of the fence line. Clearing resulted in a 30-foot-wide cleared area to a depth of no more than 6 inches. The trench resulted in an excavation of approximately 1 foot deep by 2 feet wide.

Magnetometer surveys and results are discussed in a separate report.

Two drilling rigs operated simultaneously for geotechnical investigations. One CRM was assigned full-time to each drill rig. Notes were taken of the sediments brought up by the drilling. Sediments noted were light tan and sandy with a light matrix of small, angular gravels. Larger rocks were basaltic, many of which had a high ferrous metals content.

Cultural Resources Discoveries This Period

None. Individual surface artifacts were avoided when possible and impacts to F13 were avoided by boring activities.

Anticipated Changes in the Next Period

More 30-foot and 100-foot bore holes will be drilled along with mud rotary drilling. The tortoise gate at the entrance to the site will be installed across the road.

Comments, Issues or Concerns

None.

Exhibit 4

Cultural Resources Magnetometer Survey Activities

Rice Solar Energy Project Monthly Compliance Report of Cultural Resources Magnetometer Survey Activities, August-September 2013 Condition of Certification CUL-9

Prepared For: Andrea Grenier, RSEP Compliance Manager
Prepared By: Jim Marshall, Phil Reid, Doug Davy; CH2M HILL
Date: September 18, 2013

This report covers cultural resources magnetometer surveying activities at the Rice Solar Energy Project for the period from August 26 to September 15, 2013, as required by Condition of Certification CUL-9.

Personnel Active in Cultural Monitoring This Period

Phillip Reid (Cultural Resources Technician) and Jim Marshall (Explosive Ordnance Disposal [EOD] Technician) participated in the magnetometer survey for this period.

Magnetometer Survey Activities for this Period

CH2MHill personnel conducted magnetometer surveys of the administration area of the former Rice Army Air Force Airfield between August 26 and September 13, 2013. The survey was conducted in conjunction with the installation of the desert tortoise exclusion fencing and was conducted as a preliminary magnetometer survey to detect buried archeological deposits in the path of the excavation for the fenceline and also to judge the performance of the magnetometers at this site in order to plan the completion of the CUL-9 magnetometer survey.

Sweeps were conducted in 10m intervals within the former Rice Army Airfield administration area and along the centerline of the desert tortoise exclusion fenceline with Schonstedt magnetometers. The entire administration area was covered in 10m transects.

Initial results indicated a large number of signals from materials buried under the soil surface (magnetometer 'hits' every few feet). Excavation at the locations of a large number of these signals (more than 50) indicated that the majority of the objects detected were rocks with a high ferrous content and others were isolated artifacts or pieces of metal. After making this determination, the search pattern was adjusted to excavate and investigate only signals having a sustained horizontal signal indicating a larger deposit that might fit the pattern of a buried archeological feature, rather than a ferrous rock or isolated can or piece of metal.

The field team excavated four subsurface contact signal locations having this broader horizontal signal to a maximum depth of 50 cm and discovered that the signal was caused by a compacted layer of gravel with high ferrous content.

Cultural Resources Discoveries This Period

Two subsurface isolated artifacts were discovered during the magnetometer sweeps: a length of box wire, and a crescent wrench dating from the 1960s. Surface contacts during the sweeps were (as expected) assorted cans from various eras.

Surface small arms materials include 6 .50 caliber machinegun links (all singles), 2 x .30 caliber machinegun links (singles), 2 x .30 caliber blank (30-06) expended, and lots of expended shotgun shells, .22 caliber shells and some 2.23 caliber casings.

Anticipated Changes in the Next Period

The archaeological team will return to the project site to complete the magnetometer survey in the remaining portions of the airfield property and to complete the recording of existing features, per CUL-9.

Comments, Issues or Concerns

None.