Mojave Solar Project
Monthly Compliance Report
San Bernadino County, California

Monthly Compliance Report
May 2012

Prepared for:

Mojave Solar LLC
13911 Park Avenue, Suite 206
Victorville, California 92392

June 12, 2012

During construction of the Mojave Solar Project, monthly compliance reports will be provided to the California Energy Commission (CEC) in accordance with condition of certification COMPLIANCE-6 of the License Decision, docket number 09-AFC-5C. This is the Monthly Compliance Report (MCR) for May 2012.

Construction activities in May included site grading activities, cut and fill operations, channel construction, solar collector foundation installation, wind fence installation, well drilling, and construction of the Temporary Assembly Building.

The following table provides a summary of all areas covered in this report.

Mojave Solar Project Monthly Compliance Reporting May 2012	
Condition of Certification (COC) Topics	*Appendix*
Air Quality	See Appendix A
Biological Resources	See Appendix B
Cultural Resources	See Appendix C
Paleontological Resources	See Appendix D
Waste Management	See Appendix F
Worker Safety	See Appendix E
Soil and Water	See Appendix F
General Conditions	See Appendix F
Civil	See Appendix F
Structural	See Appendix F
Mechanical	See Appendix F
Electrical	See Appendix F
Transmission System Engineering	See Appendix F
Compliance Matrix	See Appendix G

APPENDIX A

MOJAVE SOLAR PROJECT
MONTHLY COMPLIANCE REPORT FOR
AIR QUALITY RESOURCES
SAN BERNARDINO COUNTY, CALIFORNIA

Monthly Compliance Report #14
May 2012 Reporting Period

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June 6, 2012

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California Energy Commission
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RE: AQ-SC3, AQ-SC4, AQ-SC5, and WORKER SAFETY-8 Monitoring and Mitigation Activities at Mojave Solar Project (MSP) for May 1 through May 31, 2012

Dear Mr. Rundquist:

This letter is to update you on the air quality construction monitoring occurring at the Mojave Solar Project (MSP or Project) site during May 2012. Compliance with the WORKER SAFETY-8 condition was also monitored. Construction activities occurred May 1 through 31, 2012. Compliance monitoring was performed by Kristine Yates of AECOM, an Air Quality Construction Mitigation Manager (AQCMM) delegate for the Project, for the full month. During this period, Kristine Yates maintained contact with Greg Derevianko of AECOM, the AQCMM for the MSP.

OVERVIEW

New equipment arrived in May, and grading, soil stabilization, excavation, micropile, and helical pier installation activities continued throughout the month. Concrete crushing operations, tortoise fence installation, clearing and grubbing operations, and groundwater well installation also continued in May. In addition, sections of Lockhart Road were relocated for storm water culvert installation, and soil cement installation began this month. The equipment that arrived on-site was examined for compliance with Conditions of Certification (COCs) **AQ-SC5b** through **AQ-SC5d**, and issued tags pursuant to **AQ-SC5a**. Compliance was monitored per relevant **AQ-SC3**, **AQ-SC4**, and **WORKER SAFETY-8** conditions. A summary of the compliance with the Air Quality Construction Mitigation Plan (AQCMP) follows. Daily observation logs and other site inspection forms for **AQ-SC3**, **AQ-SC4**, **AQ-SC5**, and **WORKER SAFETY-8** are being maintained and are available upon request.

Per **AQ-SC9**, the project owner contacted all residents within 0.25 mile of the project site fence line prior to the start of initial grading and offered to pay for temporary lodging when initial grading/site preparation earthmoving activities may occur within 0.25 mile of affected properties. No requests to be relocated during these construction activities were received from contacted residents in May 2012.

COMPLIANCE ASSESSMENT

AQ-SC3 Fugitive Dust Control

Most of the AQ-SC3 conditions were in effect for the month of May. The following outlines the applicable COCs and level of compliance:

- ***AQ-SC3a: Soil stabilizers on main access roads and delivery areas.***
  - Application of soil stabilizers continues in the finished areas of Alpha East, Alpha West, and Beta.
  - Soil stabilizer has not yet been added to the access roads or staging areas in Alpha East, Alpha West, or Beta.
- ***AQ-SC3b: Watering of disturbed areas.***
  - Watering of actively disturbed areas was implemented for all earthmoving activities with the potential to create airborne dust plumes.
  - Watering was intensified, when necessary, at the direction of the on-site AQCMM delegate and construction manager, in compliance with AQ-SC4.
- ***AQ-SC3c: Speed limits.***
  - The required speed limit has been enforced.
- ***AQ-SC3d: Speed limit signage.***
  - Speed limit signs have been installed at Project entrances.
- ***AQ-SC3e: Tire washing when construction equipment exits to paved roadway.***
  - Tire wash stations have not been installed. However, all construction vehicles are inspected for mud and other sediment accumulation prior to exiting the job site.
- ***AQ-SC3f: Tire washing station.***
  - Construction vehicles regularly traveled between Alpha East, Alpha West, and Beta during May. Tires of these vehicles were cleared of debris prior to entering the paved public roadway; however, as noted above, a permanent tire washing station had yet to be installed.
- ***AQ-SC3g: Unpaved exits must be treated.***
  - Gravel and grizzlies have been placed at the entrance gates to Alpha East and Alpha West. Entrances to Beta do not currently have treatments, as they open onto a dirt road (Lockhart Road) and pose little to no threat of tracking sediments onto Harper Lake Road. Sediments are sometimes tracked onto Harper Lake Road, but this is removed by workers prior to becoming an issue.
- ***AQ-SC3h: Only approved entrances.***
  - Construction vehicles only use approved entrances when traveling between the sites.
- ***AQ-SC3i: Run-off onto public roadways.***
  - Earthmoving activities have resulted in run-off being directed away from public roadways.
  - Watering has not resulted in run-off onto the public roadway.
- ***AQ-SC3j: Sweeping of paved roads within the construction site.***
  - There are no paved roads within the construction site.

- ***AQ-SC3k: Sweeping of public paved roadways with access to the Project site.***
  - Sweeping of Harper Lake Road is performed daily. Occasionally, wind-driven dust accumulates on Harper Lake Road, creating a potential driving hazard. However, these sediments are removed within 48 hours of initial detection.
- ***AQ-SC3l: Stabilize storage piles.***
  - All soil piles are temporary excavation spoils and grading excesses that are distributed during subsequent grading prior to exceeding the 10-day limit for cover or treatment.
- ***AQ-SC3m: Stabilization of transported solid bulk material.***
  - Soil was trucked from Alpha West to Alpha East. Prior to crossing Harper Lake Road, trucks were inspected for stabilization of the soil load they were transferring.
- ***AQ-SC3n: Wind control techniques.***
  - Wind fencing has been constructed in Alpha East and Alpha West. However, wind gusts have exceeded the capacity of existing controls, resulting in the cessation of construction on multiple occasions this month.

AQ-SC4 Dust Plumes and WORKER SAFETY-8 Site Worker Fugitive Dust Protection

From May 1 through 31, the following construction activities were completed:

- Continued grading in Alpha East, Alpha West, and Beta
- Continued installing helical support piers and micropiles in Alpha West
- Continued excavation activities in Alpha West and Beta
- Hauled excavation spoils from Alpha West to Alpha East
- Began installation of storm water culvert installation in Alpha East
- Continued relocating tortoise fencing in Beta and Alpha East
- Finished concrete crushing operations in Alpha West
- Began soil cement production and installation in Alpha West
- Continued drilling for a groundwater supply well in Alpha East
- Performed additional clearing and grubbing along Lockhart Road
- Relocated sections of Lockhart Road
- Continued to apply chemical soil stabilizer to finished areas

Fugitive dust occurred throughout May, and attempts were made to mitigate the events by slowing down on-site earthmoving equipment and applying water. Some of the visible dust did travel off-site and was within 400 feet of a regularly occupied structure. When this occurred, the contractor was asked to cease work in the vicinity of the house until wind speeds slowed or the application of water would allow construction vehicles to continue without violation. In addition, compliance monitors continued to use N95 dust masks in areas of localized airborne dust; however, this was not a daily occurrence.

The new staging areas and haul roads have not been stabilized with a soil binder. The contractor continues to apply water to these areas daily to mitigate against the creation of fugitive dust. The construction entrances at Alpha East and Alpha West have been equipped with a grizzly rumble strip and a stone entrance pad. A truck tire wash station has not yet been installed. When construction vehicles enter and leave the Project site, tires are

checked for soil buildup, and swept clean if needed. The adjacent roadway did require broom sweeping several times in May.

AQ-SC5 Diesel-Fueled Engine Control

Attachment 1 to this report provides a list of equipment that arrived on-site during May 2012. Attachment 1 can be consulted for equipment manufacturer, model, California Air Resource Board (CARB) Equipment Identification Number (EIN), engine model year, engine horsepower, and U.S. Environmental Protection Agency (USEPA) certified tier level.

The list below outlines COCs **AQ-SC5a through AQ-SC5d** and level of compliance.

- ***AQ-SC5a: Tags.*** All equipment arriving between May 1 and 31, 2012, were issued visible tags.

- ***AQ-SC5b: Tier 3 Engine Requirement.*** All equipment arriving between May 1 and 31, 2012, had Tier 3 engines except those noted in Table 1 (more detail in Attachment 1). Also refer to previous letters of good faith efforts for Tier 2 equipment.

Table 1: Non-Tier 3 Construction Equipment On-Site during May

AQ #	Description	Engine Tier	COMMENTS
153	CATERPILLAR 430D, BACKHOE, 2004, 101 HP	2	See Letter Dated 2/1/12
154	CATERPILLAR D6N, TRACTOR, 2004, 150 HP	2	See Letter Dated 3/20/12
155	CATERPILLAR CS563E, ROLLER, 2005, 150 HP	2	See Letter Dated 3/20/12
161	CATERPILLAR 140H, GRADER, 2003, 222 HP	2	See Letter Dated 3/20/12
162	DEERE 210LE, BACKHOE, 2005, 84 HP	2	See Letter Dated 2/1/12
173	BOMAG 120AD, ROLLER, 2003, 34 HP	N/A	Exempt
174	CATERPILLAR 145, TRACTOR, 2003, 145 HP	2	See Letter Dated 3/20/12

- ***AQ-SC5c: Retrofit Control Termination.*** No equipment was brought to the site containing retrofit control.

- ***AQ-SC5d: Maintenance Records.*** Maintenance records for all vehicles are available upon request.

COC AQ-SC5e states that “all diesel heavy construction equipment shall not remain running idle for more than five minutes.” This condition was met during the reporting period.

COC AQ-SC5f requires construction equipment with electric motors when feasible. This was not feasible for the current earthmoving activities.

If you have any questions or require further information, please call me at (805) 388-3775.

Sincerely,

Greg Derevianko
Project Scientist
AQCMM Delegate
gregory.derevianko@aecom.com

cc: Kristine Yates, PE, AECOM, AQCMM Delegate

60249161 AQ MCR May 2012

ATTACHMENT 1

CONSTRUCTION EQUIPMENT FOR MOJAVE SOLAR PROJECT

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AQ #	Manufacturer	Model	EIN	Engine Year	Horse Power	RQ'D Tier	Actual Tier	Vehicle Type	DATE ARRIVED	DATE LEFT SITE	COMMENTS
153	CATERPILLAR	430D	MT9W77	2004	101	3	2	BACKHOE	5/3/2012		See Letter Dated 2/1/12
154	CATERPILLAR	D6N	CK9W38	2004	150	3	2	TRACTOR	5/7/2012		See Letter Dated 3/20/12
155	CATERPILLAR	CS563E	GP9N87	2005	150	3	2	ROLLER	5/7/2012		See Letter Dated 3/20/12
156	SKY TRAK	6036	ME4G78	2006	99	3	3	FORKLIFT	5/7/2012	5/25/2012	
157	CASE	580M	MU9N98	2006	80	3	3	BACKHOE	5/7/2012		
158	GROVE	GMK-6350	TK8B93	2010	563	3	3	CRANE	5/7/2012		
159	DEERE	310SJ	WY3J34	2009	93	3	3	BACKHOE	5/7/2012		
160	CATERPILLAR	834B	cs8p98	2007	475	3	3	DOZER	5/8/2012		
161	CATERPILLAR	140H	DT7S44	2003	222	3	2	GRADER	5/8/2012		See Letter Dated 3/20/12
162	DEERE	210LE	HY5Y68	2005	84	3	2	BACKHOE	5/8/2012		See Letter Dated 2/1/12
163	TEREX	TA40	NW6S74	2007	450	3	3	OR TRUCK	5/8/2012		
164	roller	SV510	XW9C55	2011	130	3	3	ROLLER	5/8/2012		
165	SKY TRAK	10054	EX6K36	2011	110	3	3	FORKLIFT	5/9/2012		
166	GENIE	GTH1056	RK9W74	2011	115	3	3	FORKLIFT	5/9/2012		
167	CASE	580SN	FH6L97	2010	95	3	3	BACKHOE	5/14/2012		
168	DEERE	310J	DA4B63	2007	75	3	3	BACKHOE	5/15/2012		
169	CATERPILLAR	651B	JA9X63	2006	540	3	3	SCRAPER	5/15/2012		
170	DEERE	700J	LV4A44	2011	123	3	3	TRACTOR	5/15/2012		
171	DEERE	200DLC	YF3L78	2007	159	3	3	EXCAVATOR	5/15/2012		
172	SKY TRAK	10054	PX7T64	2006	110	3	3	FORKLIFT	5/16/2012		
173	BOMAG	120AD	YC5T59	2006	34	N/A	N/A	ROLLER	5/23/2012		Exempt – Under 50 hp
174	CATERPILLAR	145	JC7E73	2003	145	3	2	TRACTOR	5/24/2012		See Letter Dated 3/20/12
175	DEERE	100	AL7H36	2011	100	3	3	BACKHOE	5/30/2012		

AQ #	Manufacturer	Model	EIN	Engine Year	Horse Power	RQ'D Tier	Actual Tier	Vehicle Type	DATE ARRIVED	DATE LEFT SITE	COMMENTS
176	CASE	95	BJ8N36	2007	95	3	3	BACKHOE	5/30/2012		
177	CATERPILLAR	95	EM7U85	2007	95	3	3	OTHER	5/30/2012		
178	CASE	580	LD7R38	2006	95	3	3	BACKHOE	5/30/2012		

APPENDIX B

MOJAVE SOLAR PROJECT
MONTHLY COMPLIANCE REPORT FOR
BIOLOGICAL RESOURCES
SAN BERNARDINO COUNTY, CALIFORNIA

Monthly Compliance Report #14
May 2012 Reporting Period

MOJAVE SOLAR PROJECT
MONTHLY COMPLIANCE REPORT FOR
BIOLOGICAL RESOURCES
SAN BERNARDINO COUNTY, CALIFORNIA

Monthly Compliance Report #14
May 2012 Reporting Period

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June 2012

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INTRODUCTION

On behalf of Mojave Solar LLC, AECOM and Designated Biologist (DB) Peggy Wood conducted biological and compliance monitoring for construction activities for the Mojave Solar Project (MSP or Project). In addition, Worker Environmental Awareness Program (WEAP) training was provided on May 1–4, 7–11, 14–18, 21–24, and 29–31, 2012, to 208 construction workers and construction subcontractors. Peggy Wood continued weekly inspections and maintenance of the desert tortoise (DT) exclusion fence. DT fence inspection and maintenance are ongoing tasks for the MSP.

This Monthly Compliance Report (MCR) documents WEAP training, biological monitoring of construction activities, monitoring of desert kit fox (*Vulpes macrotis*), daily road patrols on Harper Lake Road, and ongoing DT fence maintenance and integrity inspections. These activities were conducted May 1 through 31, 2012, as required by the following:

- WEAP trainings (BIO-5)
- Impact avoidance and minimization measures (BIO-7)
- Desert tortoise exclusion fencing, clearance surveys, and translocation plan (BIO-11)
- American badger and desert kit fox impact avoidance and minimization measures (BIO-14)

WEAP training, biological compliance monitoring, desert kit fox monitoring, Harper Lake Road patrol, and DT fence inspections are being conducted in compliance with the following agency approvals and permits issued for the Project:

- California Energy Commission's (CEC) Final Conditions of Certification (COCs), BIO-1 through BIO-21 (Abengoa Mojave Solar Project Commission Decision, CEC-800-2010-008-CMF, DOCKET NUMBER 09-AFC-5, September 2010)
- U.S. Fish and Wildlife Service (USFWS) Section 7 Biological Opinion (BO) for the Mojave Solar Project No. 8-8-11-F-3 (March 17, 2011)
- Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) for the Mojave Solar Project (March 2011) and appended Compliance Plans

The following measures are being implemented to protect the sensitive species, such as kit fox and American badger, and migratory birds known to occur within the MSP:

- Impact avoidance and minimization measures (BIO-7)
- Pre-construction nest surveys and impact avoidance and minimization measures for migratory birds (BIO-8)
- American badger and desert kit fox impact avoidance and minimization measures (BIO-14)

PROJECT LOCATION AND DESCRIPTION

The proposed Project is located approximately 15 miles northwest of Barstow, California, and approximately 9 miles northwest of Hinkley, California (Figure 1; all figures can be found in Attachment 1). The Project is situated near the southwest corner of Harper Dry Lake, an ephemeral alkali lake bed in the southern section of the Lockhart U.S. Geological Survey (USGS) quadrangle and the northern section of the Twelve Gauge Lake USGS quadrangle. The Project is generally northeast of the intersection of Santa Fe Avenue with Harper Lake Road. The extent of the Project site is approximately 1,765 acres and consists of contiguous parcels of private property.

The Project is a commercial solar thermal power facility that will use parabolic trough technology to produce electrical power. This will be accomplished using a steam turbine generator fed from a solar steam generator (SSG). SSGs receive heat transfer fluid from solar thermal equipment composed of arrays of parabolic mirrors that collect energy from the sun. When fully constructed, the Project will have a combined nominal electrical output of 250 megawatts (MW) from twin 125-MW power blocks. The power blocks will be joined to a transmission line to form one full-output transmission interconnection.

The Project is divided into three sections based on the units that are fenced in for DT exclusion (Figure 2):

- Alpha West occurs to the west of Harper Lake Road and north of Lockhart Road
- Alpha East occurs to the east of Harper Lake Road and north of Lockhart Road
- Beta occurs to the east of Harper Lake Road and south of Lockhart Road

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Biological mitigation measures for the MSP were developed through consultation with CEC, the California Department of Fish and Game (CDFG), and USFWS. Biological mitigation measures

and permit conditions were implemented under the guidance and direction of the Project's DB, with assistance from approved Biological Monitors (BMs), as required.

During May 2012, Project activities were monitored to determine compliance with the COCs that apply to pre-construction and construction activities. These COCs are as follows:

- BIO-1: Designated Biologist Selection
- BIO-2: Designated Biologist Duties
- BIO-3: Biological Monitor Selection, Qualifications, and Duties
- BIO-4: Designated Biologist and Biological Monitor Authority
- BIO-5: Worker Environmental Awareness Program (WEAP)
- BIO-6: Biological Resource Mitigation Implementation and Monitoring Plan (BRMIMP) Development and Compliance
- BIO-7: Impact Avoidance and Minimization Measures
- BIO-8: Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Migratory Birds
- BIO-11: Desert Tortoise Exclusion Fencing, Clearance Surveys, and Translocation Plan
- BIO-14: American Badger and Desert Kit Fox Impact Avoidance and Minimization Measures
- BIO-18: Raven Monitoring, Management, and Control
- BIO-21: USFWS Biological Opinion

SUMMARY OF ACTIVITIES

Activities during May included WEAP trainings, desert kit fox monitoring and exclusion activities, Harper Lake Road DT patrol, and DT fence maintenance and weekly inspections. In addition, biological compliance monitoring for construction activities occurred on a daily basis throughout May. Biological compliance monitoring was conducted by the Project's DB, Peggy Wood, and approved BMs. A list of the approved DB, alternate DBs, and BMs is included in Attachment 2. The activities conducted in May 2012 are described below and documented in Table 1. Table 1 is organized by the biological compliance activity and specific location within the MSP (Alpha West, Alpha East, and/or Beta).

Table 1
Summary of WEAP Training, Pre-Construction Clearance Surveys, DT Fence Inspection, Kit Fox Exclusion/Monitoring, and Raven Monitoring, May 2012

Biological Monitoring Activity	Location within MSP	Relevant California Energy Commission Conditions of Certification	Construction/ Survey Activity	Start Date	End Date	Monitor(s)	Special-Status Species Observed	Notes on Observations
Worker Environmental Awareness Program (WEAP) Training	Alpha East, Alpha West, Beta	BIO-5	General construction activities.	05/01/2012	05/31/2012	Peggy Wood	None	WEAP training occurred May 1–4, 7–11, 14–18, 21–24, and 29–31, 2012. In May, 208 contractors and subcontractors were WEAP trained.
Biological Monitoring of Construction Activities	Alpha East, Alpha West, Beta	BIO-7	Construction of west to east drainage channel in Alpha West. Cut and fill activities in Beta and Alpha West. Culvert installation along Lockhart Road.	05/01/2012	05/31/2012	Ron Walker, Peggy Wood, Ray Romero, Holly Hill, Andrea Currylow	Kit fox	Biological monitoring of construction activities occurred where there was a potential threat to soil, wildlife, and/or vegetation. Kit fox still occur inside the DT fence in southern boundary of Alpha West.

Biological Monitoring Activity	Location within MSP	Relevant California Energy Commission Conditions of Certification	Construction/ Survey Activity	Start Date	End Date	Monitor(s)	Special-Status Species Observed	Notes on Observations
DT Exclusion Fence Inspection and Maintenance	Alpha West, Alpha East, Beta	BIO-11	Weekly inspection of the integrity of the DT exclusion fence.	05/02/2012 05/09/2012 05/16/2012 05/29/2012	05/02/2012 05/09/2012 05/16/2012 05/29/2012	Peggy Wood, Holly Hill	None	During May, four DT exclusion fence inspections were conducted. No breeches or vandalism was identified or reported. High winds have caused piling up of sand along the DT fence, which remains a recurring problem. Minor damage caused to the fence by the backhoe removing sand has been patched. The DB checks the fence weekly, if not more often.
Kit Fox Monitoring and Exclusion Activities	Middle portion of the southern boundary of Alpha West; along the southern boundary of Alpha East	BIO-14	Excavation of large drainage channel.	05/01/2012	05/31/2012	Peggy Wood	Kit fox	In May, two kit fox dens were observed: one along the southern boundary of Alpha West and the other along the southern boundary of Alpha East. Both dens are on the outside of the DT fence; however, the pair in Alpha West moved to an old irrigation pipe on the inside of the DT fence. The DB (Peggy Wood) set up motion-detection cameras in these areas; one area (Alpha West) revealed one kit fox pup, and the other in Alpha East revealed four pups.

Biological Monitoring Activity	Location within MSP	Relevant California Energy Commission Conditions of Certification	Construction/ Survey Activity	Start Date	End Date	Monitor(s)	Special-Status Species Observed	Notes on Observations
Raven Monitoring and Sightings	Alpha West, Alpha East, Beta	BIO-18	Construction activities, cut and fill activities, and excavation of old farm irrigation pipes.	05/01/2012	05 /31/2012	Ron Walker, Peggy Wood, Ray Romero, Holly Hill, Andrea Currylow	None	During May, ravens were observed on 20 days either flying, perching, or on the ground in Alpha West, Alpha East, and/or Beta. Total ravens observed in May was 104.

Worker Environmental Awareness Program (WEAP) BIO-5

BIO-5 requires that all new employees/field staff reporting to the site receive WEAP training prior to the start of work. During May, 208 workers associated with construction or engineering received WEAP training. Attachment 3 includes signed training acknowledgement forms for May. Per BIO-5, these forms will be kept on file by the Project owner for at least 6 months after the start of commercial operation. Table 2 provides a running tally of the WEAP trainings and attendance to date.

Table 2
WEAP Training Attendance Summary

Month Training Conducted	Monthly Total of WEAP Attendees*
March 2011	50
April 2011	9
May 2011	18
June 2011	2
July 2011	27
August 2011	63
September 2011	82
October 2011	75
November 2011	41
December 2011	68
January 2012	52
February 2012	112
March 2012	116
April 2012	158
May 2012	208
Total	**1,081**

*Attendance totals are based on sign-in sheets received through May 31, 2012.

Biological Construction Monitoring BIO-7

Biological construction monitoring occurred where construction activities posed a potential threat to soil, vegetation, and/or wildlife (BIO-7). Biological monitoring occurred from May 1 through May 31. Construction activities consisted of well demolition, excavating the drainage channels, removing sand piled up along the DT fence, applying a sandcrete mixture to the sides of drainage channels, relocating and installing DT fencing, drilling production water wells in Alpha East and Beta, installing helicals (solar mirror supports), cutting and filling (scrapers), final grading, and applying soil stabilizer.

Construction activities occurred in Alpha West, Alpha East, and Beta, with the majority of activity concentrated in Alpha West and Alpha East. The two main construction activities in Alpha West and Alpha East were excavation of a large drainage channel and cut and fill of the solar array fields. In Beta, construction consisted of excavation of a large drainage channel, cut and fill, and final grading of solar fields.

Three BMs and the DB were on-site to conduct monitoring during all construction activities. The following provides a summary of the monitoring activities (derived from the data logs), including sensitive species sightings, raven sightings, and wildlife injuries and mortalities. (AECOM has transitioned to electronic data collection; the information that was once collected on hard copy data sheets is now compiled into tables electronically [see Attachment 4].) Also, included as Attachment 5, is a table depicting wildlife species detected during compliance monitoring.

Sensitive Species Observations

During May, two kit fox dens were found along Lockhart Road between the road right-of-way and the Project's DT exclusion fence. One den is situated in the middle portion of the southern boundary of Alpha West, and the other den is situated in the western portion of the southern boundary of Alpha East. Cameras detected one kit fox pup at the den by Alpha West and four kit fox pups at the den by Alpha East. Later in May, the one pup at the Alpha West den was not recorded by the cameras, and its whereabouts are unknown. The other den at Alpha East with the four pups has not shown any recent activity by the cameras. In a recent conversation with night security staff (on Thursday, May 31 by Ron Walker), they mentioned that they continued to see the kit fox family. Speculation is that the adults have moved the pups to an unknown location, possibly south of the Project site onto private property.

On May 11 and 14, two DTs were observed along Harper Lake Road, one was located approximately 1 mile south of the Project and the other was approximately 5 miles south of the Project along the side of Harper Lake Road. Both DTs were observed by the DB until they were out of harm's way. Two California Native Species Field Survey Forms were filled out by the DB and are included as Attachment 6.

Wildlife Injuries and Mortalities

During May, there were four wildlife mortalities recorded (per BIO-7) that were associated with excavation and equipment movement. The reported number of living wildlife species that were relocated to areas of non-disturbance exceeded the number of reported wildlife mortalities found

and buried. Table 3 shows wildlife injuries and mortalities observed during May. Wildlife killed were removed from the Project area and buried.

In addition, surveys along Harper Lake Road (BIO-7, Section 8) revealed the presence of three wildlife mortalities (road kill). It is unknown whether the road mortalities were a result of traffic associated with the MSP; however, they were reported by Project BMs. Table 4 reports the results of road kill discoveries.

Table 3
Wildlife Injury/Mortality Observed During May Biological Monitoring Activities

Date(s)	Location	Species	Injury/Mortality	Number
05/03/2012	Alpha West	Pocket mouse	Mortality	1
05/14/2012	Alpha West	Coachwhip snake	Mortality	1
05/14/2012	Alpha West	Great basin whiptail	Mortality	1
05/15/2012	Lockhart Road	Side-blotched lizard	Mortality	1

Table 4
Road Kill Survey Results for May

Date(s)	Location	Species	Number
05/04/2012	Harper Lake Road	Black tailed jackrabbit	1
05/10/2012	Harper Lake Road	Black tailed jackrabbit	1
05/15/2012	Harper Lake Road	Desert hairy scorpion	1

Pre-Construction Clearance Surveys, BIO-11 and BIO-14

Prior to conducting ground-disturbing activities, the DB and BMs examined the proposed construction sites for any special-status species that could potentially occur in Alpha West, Alpha East, and Beta. In the recent past, these areas supported undisturbed desert saltbush scrub, disturbed desert saltbush scrub, disturbed desert saltbush scrub re-growth, fallow agricultural-saltbush scrub re-growth, and areas dominated by Russian thistle (*Salsola kali*). Most of these areas supported a dominance of low-growing forbs and grasses, such as red-stem filaree (*Erodium cicutarium*) and Mediterranean grass (*Schismus arabicus*). Most of these low-growth areas have a recent history of supporting agricultural crops, mostly alfalfa. Currently, the Project area does not support these habitat types, except for a small area situated in the northeast portion of Alpha East where no construction is planned. No special-status species were observed during pre-construction surveys.

The DB and BMs continued monitoring all construction activities, as described above. Construction activities were monitored by biologists, archeological and cultural specialists, Native American monitors, and a paleontologist (when excavation occurred deeper than 3 feet).

Table 1 is a summary of WEAP training, biological compliance monitoring, DT fence inspections and maintenance, kit fox monitoring, and raven sightings that occurred during May. The field data collected is in Attachment 4.

Desert Tortoise Exclusion Fence Inspections and Clearance Surveys, BIO-11

In compliance with COC BIO-11, the DT exclusion fence was inspected on May 2, 9, 16, and 29, 2012. The DT fence line was inspected by Peggy Wood (DB) and Holly Hill (BM). The fence line was inspected by walking and driving, thereby accomplishing 100% visual coverage. There were no observations of vandalism or other breeches to the DT fence in May. Information on fence checks is included in Attachment 4. High winds in May resulted in the piling up of sand against the DT fence. Sand was removed either by hand or with a backhoe to maintain proper clearance of the DT fence line. This is an on-going problem, and requires frequent DT fence inspections and maintenance by the contractor.

In May, in the northeast portion of Beta, approximately 600 to 800 feet of existing DT fence was relocated to match the realignment of Lockhart Road. The DB conducted DT clearance surveys in this area to allow for relocation of the fence. DT surveys were conducted on May 8, 9, 14, 15, 16, 21, 22, 30, and 31. The surveys did not detect any DT or their sign. Desert Tortoise Clearance Survey Forms are included as Attachment 7.

Common Raven Monitoring, Management, and Control, BIO-18

During May, per BIO-18, the number and activity of ravens on-site were documented on electronic data logs during daily compliance monitoring. During May, there were 104 raven sightings within the Project's boundaries, although individuals could have been counted multiple times, as it is not possible to distinguish individual sightings from multiple sightings (i.e., a single individual could be observed/recorded on the eastern side of the Project site and then again on the western side of the Project site by another monitor after it flies over the area). A summary of the findings is in Table 5 and Attachment 4.

Table 5
Raven Observations during May Biological Monitoring Activities

Date(s)	Location	Number of Ravens Observed	Activity Observed
05/01/2012	Alpha West and Beta	11	Flying, perching
05/02/2012	Beta	8	Flying
05/03/2012	Beta	1	Flying
05/04/2012	Beta	1	Flying
05/07/2012	Beta	7	Flying, perching
05/08/2012	Alpha and Beta	6	Foraging, flying
05/09/2012	Alpha West	6	Flying
05/10/2012	Alpha West and Alpha East	3	Flying
05/14/2012	Alpha West and Alpha East	6	Flying
05/15/2012	Alpha West	8	Flying, foraging
05/16/2012	Alpha West	6	Flying
05/17/2012	Alpha West	2	Flying
05/21/2012	Alpha West	4	Flying
05/22/2012	Alpha West, Beta, and Lockhart Road	8	Flying
05/23/2012	Alpha West	7	Flying
05/24/2012	Alpha West	1	Flying
05/25/2012	Alpha West	6	Flying, foraging
05/29/2012	Alpha West	5	Flying
05/30/2012	Alpha West and Beta	3	Flying
05/31/2012	Alpha West and Beta	3	Flying

SUMMARY OF COMPLIANCE

For May, a Non-Compliance Report was filed on May 30, 2012, for standing water underneath one of the water towers; several warnings had been issued about this situation. The problem was a faulty water sock that goes into the top of the water truck. The water sock had several holes and a slit in it, allowing water to escape and flow down the sides of the water trucks as they filled up. On May 31, the sock was replaced and the water on the ground was dispersed. The Non-Compliance Form can be found in Attachment 8.

Table 6 describes the current compliance status (e.g., complete, ongoing, or not started) for the 21 biologically related COCs. Field forms for documented wildlife injuries or mortalities are in Attachment 9. Site activity photos are included in Attachment 10.

FUTURE ACTIVITIES

During June, MSP activities are scheduled to include WEAP training, cut and fill and final site grading, excavation of drainage channels, construction of culverts under Lockhart Road and Harper Lake Road, application of soil stabilizer, installation of helicals (supports for solar mirrors), installation of security perimeter fencing, removal of sand piling up against DT

exclusion fencing, de-commissioning of existing old farm wells, sandcrete application along the walls of the Project's drainage channels, and ongoing surveying to detect any sensitive species activity. It is expected that the DB and BMs will be on-site for these activities. In addition, the appropriate biological clearance surveys and monitoring will be conducted for these activities in accordance with the biological COCs.

Table 6
Compliance Status of Biology Conditions of Certification as of May 31, 2012

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-1	**DESIGNATED BIOLOGIST SELECTION AND QUALIFICATION:** The project owner shall assign a Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the California Energy Commission Compliance Project Manager (CPM), California Department of Fish and Game (CDFG), and U.S. Fish and Wildlife Service (USFWS) for approval. The Designated Biologist must meet the following minimum qualifications: 1. Bachelor's Degree in biological sciences, zoology, botany, ecology, or a closely related field; and 2. Three years of experience in field biology or current certification of a nationally recognized biological society, such as The Ecological Society of America or The Wildlife Society; 3. At least one year of field experience with biological resources found in or near the project area; 4. Meet current USFWS Authorized Biologist criteria 32 and demonstrate familiarity with protocols and guidelines for the desert tortoise; and 5. Possess a recovery permit for desert tortoise and a California ESA Memorandum of Understanding pursuant to Section 2081(a) for desert tortoise and Mohave ground squirrel or have adequate experience and qualifications to obtain these authorizations. It is possible that two biologists may be utilized – each with an MOU for desert tortoise or MGS. In lieu of the above requirements, the resume shall demonstrate to the satisfaction of the CPM, that the proposed Designated Biologist or alternate has the appropriate training and background to effectively implement the conditions of certification.	The Project owner shall submit the specified information at least 60 days prior to the start of any pre-construction site mobilization. The CPM, CDFG, and USFWS have 30 days to approve or deny proposed Designated Biologist(s). No site or related facility activities shall commence until an approved Designated Biologist is available to be on site. If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least 10 working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the Project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	Project Owner	At least 60 days prior to start of any pre-construction site mobilization.	Complete.	None.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-2	**DESIGNATED BIOLOGIST DUTIES:** The project owner shall ensure that the Designated Biologist performs the following during any site-related or facility activities. The Designated Biologist may be assisted by the approved Biological Monitors but remains the contact for project owner and the CPM. 1. Advise the project owner's Construction and Operation Managers on the implementation of the biological resources conditions of certification; 2. Consult on the preparation of the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), to be submitted by the project owner; 3. Be available to supervise, conduct and coordinate mitigation, monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources, such as special status species or their habitat; 4. Halt any and all activities in any area when determined that there would be an unauthorized adverse impact to biological resources if the activities continued or a violation of federal or state environmental laws or a violation of any environmental agreements/conditions made between the applicant and the CPM and/or the regulatory agencies; 5. Clearly mark sensitive biological resource areas, if present and inspect these areas at appropriate intervals for compliance with regulatory terms and conditions; 6. Inspect active construction areas where animals may have become trapped prior to construction commencing each day. At the end of the day, inspect for the installation of structures that prevent entrapment or allow escape during periods of construction inactivity. Periodically inspect areas with high vehicle activity (i.e., parking lots) for animals in harm's way; 7. Notify the project owner and the CPM of any non-compliance with any biological resources condition of certification; 8. Respond directly to inquiries of the CPM regarding biological resource issues; 9. Maintain written records of the tasks specified above	The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resource compliance activities, including those conducted by Biological Monitors. If actions may affect biological resources during operation, a Designated Biologist or Biological Monitor under the supervision of the Designated Biologist shall be available for monitoring and reporting. During Project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report (ACR) unless their duties are ceased as approved by the CPM. Monthly and Annual Compliance Reports shall be also be submitted to CDFG and USFWS.	Project Owner and Designated Biologist	During construction, include in MCR. During operations, summaries included in the ACR.	Ongoing.	None.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-2 (cont.)	and those included in the BRMIMP. Summaries of these records shall be submitted in the Monthly Compliance Report and the Annual Report; and 10. Train the Biological Monitors as appropriate, and ensure their familiarity with the BRMIMP, Worker Environmental Awareness Program (WEAP) training and all permits.					
BIO-3	**BIOLOGICAL MONITOR SELECTION, QUALIFICATIONS, & DUTIES:** The project owner's CPM-approved Designated Biologist shall submit the resume, and at least three references and contact information, of the proposed Biological Monitors to the CPM, CDFG, and USFWS for approval. The resume shall demonstrate to the satisfaction of the CPM, the appropriate education and experience to accomplish the assigned biological resource tasks, including: • Biological Monitor(s) involved in any aspect of desert tortoise surveys or handling must meet the criteria to be considered a USFWS Authorized Biologist and demonstrate familiarity with the most recent protocols and guidelines for the desert tortoise. • Biological Monitor(s) involved in any aspect of Mohave ground squirrel surveys or handling must possess a California ESA Memorandum of Understanding pursuant to Section 2081(a) for Mohave ground squirrel or have adequate experience and qualifications to obtain this authorizations. • Biological Monitor(s) training by the Designated Biologist shall include familiarity with the conditions of certification and the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), Worker Environmental Awareness Program (WEAP), and all permits. • The Biological Monitors shall assist the Designated Biologist in conducting surveys and in monitoring of site mobilization activities, construction-related ground disturbance, grading, boring or trenching. The Designated Biologist shall remain the contact for the Project Owner, BLM's Authorized Officer and the CPM.	The Project owner shall submit the specified information to the CPM, CDFG, and USFWS for approval at least 60 days prior to the start of any pre-construction site mobilization, and concurrent with the submittal of information required for the Designated Biologist approval process outlined in BIO-1. The CPM, CDFG, and USFWS have 30 days to approve or deny proposed Biological Monitor(s). The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed. If additional biological monitors are needed during construction, the specified information shall be submitted to the CPM for approval 10 days prior to their first day of monitoring activities.	Project Owner	At least 60 days prior to start of any pre-construction site mobilization.	Ongoing.	None.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-4	**DESIGNATED BIOLOGIST AND BIOLOGICAL MONITOR AUTHORITY:** The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources COCs. If required by the Designated Biologist and Biological Monitor(s), project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, boring, trenching, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall: 1. Halt any and all activities in any area when determined that there would be an unauthorized adverse impact to biological resources if the activities continued or a violation of federal or state environmental laws or a violation of any environmental agreements/conditions made between the applicant and the CPM and/or the regulatory agencies; 2. Inform the project owner and the Construction/Operation Manager when to resume activities; and 3. Notify the CPM if there is a halt of any activities, and advise the CPM of any corrective actions that have been taken, or will be instituted, as a result of the work stoppage. 4. If the Designated Biologist is unavailable for direct consultation, the Biological Monitor shall act on behalf of the Designated Biologist. It is expected that the Designated Biologist will be onsite during construction or otherwise available by phone.	The Project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The Project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the Project owner, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the Project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	Project Owner, Designated Biologist, or Biological Monitor	As-needed. Immediate notification and no later than the morning following the incident, or Monday morning in the case of a weekend.	Ongoing.	Non-Compliance Notice issued by DB on May 30 for standing water on-site (COC BIO-7); standing-water issue resolved on May 31, 2012.
BIO-5	**WEAP:** The project owner shall develop and implement a CPM-approved WEAP in which each of its employees, as well as employees of contractors and subcontractors who work on the project site or any related facilities during site mobilization, ground disturbance, grading, construction, operation, and closure are informed about sensitive biological resources associated with the project. The WEAP	At least 45 days prior to the start of any pre-construction site mobilization, the Project owner shall provide to the CPM the proposed WEAP and all supporting written	Project Owner and Designated Biologist	**Pre-construction:** At least 45 days prior to any pre-construction site mobilization. **Construction, Operations, and**	Ongoing.	The WEAP was finalized in March 2011. A total of 208 WEAP trainings occurred during May 2012. Documentation of this training is in

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-5 (cont.)	must: 1. Be developed by or in consultation with the Designated Biologist and consist of an onsite or training center presentation in which supporting written material and electronic media is made available to all participants; 2. Discuss the locations and types of sensitive biological resources on the project site and adjacent areas, if present; 3. Present the reasons for protecting these resources; 4. Present the meaning of various temporary and permanent habitat protection measures as necessary; 5. Discuss penalties for violation of applicable LORS (e.g., federal and state endangered species acts); 6. Identify whom to contact if there are further comments and questions about the material discussed in the program; and 7. Include a training acknowledgment form to be signed by each worker indicating that they received training and shall abide by the guidelines. The specific program can be administered by a competent individual(s) acceptable to the Designated Biologist.	materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program. The CPM shall review and provide written comments within 15 days of receipt of the WEAP. The Project owner shall provide in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date. At least 10 days prior to site and related facilities mobilization submit two copies of the CPM-approved materials. Training acknowledgement forms signed during construction shall be kept on file by the Project owner for a period of at least 6 months after the start of commercial operation. During Project operation, signed statements for operational personnel shall be kept on file for 6 months following the termination of an individual's employment.		**Closure:** Administer training within 1 week of arrival to any new personnel. **Construction**: File training acknowledgement forms at least 6 months after the start of commercial operation. **Operation:** File signed training acknowledgement forms for 6 months following termination of an individual's employment.		Attachment 3 of this MCR.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-6	**BRMIMP:** The project owner shall develop a BRMIMP and submit two copies of the proposed BRMIMP to the CPM (for review and approval) and to CDFG and USFWS (for review and comment) if applicable and shall implement the measures identified in the approved BRMIMP. A copy of the BRMIMP shall be kept onsite and made readily available to biologists, regulatory agencies, the project owner, contractors, and subcontractors as needed. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify: 1. All biological resource mitigation, monitoring, and compliance measures proposed and agreed to by the project owner; 2. All applicant-proposed mitigation measures presented in the Application for Certification, data request responses, and workshop responses; 3. All biological resource conditions of certification identified as necessary to avoid or mitigate impacts; 4. All biological resource mitigation, monitoring, and compliance measures required in federal agency terms and conditions, such as those provided in the Biological Opinion; 5. All biological resource mitigation, monitoring, and compliance measures required in local agency permits, such as site grading and landscaping requirements; 6. All sensitive biological resources to be impacted, avoided, or mitigated by project construction, operation, and closure; 7. All required mitigation measures for each sensitive biological resource; 8. A detailed description of measures that shall be taken to avoid or mitigate temporary disturbances from construction activities; 9. All locations on a map, at an approved scale, of sensitive biological resource areas subject to disturbance and areas requiring temporary protection and avoidance during construction; 10. Aerial photographs, at an approved scale, of all areas to be disturbed during project construction activities — one set prior to any site (and related facilities)	The Project owner shall provide the specified document at least 45 days prior to start of any pre-construction site mobilization. The CPM, in consultation with other appropriate agencies, will determine the BRMIMP's acceptability within 30 days of receipt. If there are any permits that have not yet been received when the BRMIMP is first submitted, these permits shall be submitted to the CPM within 5 days of their receipt, and the BRMIMP shall be revised or supplemented to reflect the permit condition within 10 days of their receipt by the Project owner. Ten days prior to pre-construction site mobilization the revised BRMIMP shall be resubmitted to the CPM. Site mobilization will not occur without an approved BRMIMP. The Project owner shall notify the CPM no less than five working days before implementing any modifications to the approved BRMIMP to obtain CPM approval. Any changes to the approved BRMIMP must also be approved by the	Project Owner and Designated Biologist	Draft BRMIMP at least 45 days prior to construction-related ground disturbance. Permits shall be submitted within 5 days of their receipt, and the BRMIMP shall be revised or supplemented to reflect the permit condition with 10 days of their receipt.	Complete.	The BRMIMP was approved in March 2011.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-6 (cont.)	mobilization disturbance and one set subsequent to completion of project construction. Include planned timing of aerial photography and a description of why times were chosen; 11. Duration for each type of monitoring and a description of monitoring methodologies and frequency; 12. Performance standards to be used to help decide if/when proposed mitigation is or is not successful; 13. All performance standards and remedial measures to be implemented if performance standards are not met; 14. A preliminary discussion of biological resources-related facility closure measures; and 15. A process for proposing plan modifications to the CPM and appropriate agencies for review and approval.	CPM in consultation with other appropriate agencies to ensure no conflicts exist. Implementation of BRMIMP measures will be reported in the Monthly Compliance Reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed). Within 30 days after completion of Project construction, the Project owner shall provide to the CPM, for review and approval, a written construction closure report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the Project's site mobilization, ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.				
BIO-7	The project owner shall implement the following measures during construction and operation to manage their project site and related facilities in a manner to avoid or minimize impacts to the local biological resources: **1. LIMIT DISTURBANCE AREAS:** The boundaries of all areas to be temporarily or permanently disturbed (including staging areas, access roads, and sites for temporary placement of spoils) shall be delineated with stakes and	All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist.	Project Owner, Designated Biologist, and/or Biological Monitor	Ongoing.	Complete.	Daily monitoring of Harper Lake Road ended on May 31.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-7 (cont.)	flagging prior to construction activities in consultation with the Designated Biologist. Spoils shall be stockpiled in disturbed areas, which do not provide habitat for special status species. Parking areas, staging, and disposal site locations shall similarly be located in areas without native vegetation or special-status species habitat. All disturbances, vehicles, and equipment shall be confined to the flagged areas. **2. MINIMIZE ROAD IMPACTS:** New and existing roads that are planned for construction, widening, or other improvements shall not extend beyond the flagged impact area. All vehicles passing or turning around would do so within the planned impact area or in previously disturbed areas. Where new access is required outside of existing roads (e.g. new spur roads) or the construction zone, the route will be clearly marked (i.e., flagged and/or staked) prior to the onset of construction. **3. MINIMIZE TRAFFIC IMPACTS:** Vehicular traffic during Project construction and operation shall be confined to existing routes of travel to and from the Project site, and cross country vehicle and equipment use outside designated work areas shall be prohibited. The speed limit shall not exceed 25 miles per hour on Harper Lake Road and within fenced areas that have been cleared of tortoises and other wildlife. The speed limit shall not exceed 15 miles per hour within unfenced areas and secondary unpaved access roads. **4. MONITOR DURING CONSTRUCTION:** The Designated Biologist or Biological Monitor shall be present at the construction site during all project activities that have potential to disturb soil, vegetation, and wildlife. The USFWS-approved Designated Biologist or Biological Monitor shall closely monitor vegetation removal and grading activities to prevent wildlife injury or mortality. **5. MINIMIZE IMPACTS OF TRANSMISSION/PIPELINE ALIGNMENTS, ROADS, AND STAGING AREAS:** Staging areas for construction on the plant site shall be within the area that has been fenced	Within 30 days after completion of Project construction, the Project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. Additional copies shall be provided to CDFG and USFWS.				

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-7 (cont.)	with DT exclusion fencing and cleared. Temporary disturbance areas, if necessary, shall occur within the project site and shall be designed, installed, and maintained with the goal of minimizing disturbance. Transmission lines and all electrical components shall be designed, installed, and maintained in accordance with the Avian Power Line Interaction Committee's (APLIC's) Suggested Practices for Avian Protection on Power Lines (APLIC 2006) and Mitigating Bird Collisions with Power Lines (APLIC 2004) to reduce the likelihood of bird electrocutions and collisions. **6. AVOID USE of TOXIC SUBSTANCES:** Road surfacing and sealants as well as soil bonding and weighting agents used on unpaved surfaces shall be non-toxic to wildlife and plants. **7. MINIMIZE LIGHTING IMPACTS:** Facility lighting shall be designed, installed, and maintained to prevent side casting of light towards the project boundaries and the Harper Dry Lake marsh. Lighting shall be shielded, directional, and at the lowest intensity required for activity. **8. AVOID VEHICLE IMPACTS TO DESERT TORTOISE:** Parking and storage shall occur within DT exclusion fencing to the extent feasible. No vehicles or construction equipment parked outside the fenced area shall be moved prior to an inspection of the ground beneath the vehicle for the presence of DT. During construction, a Biological Monitor shall drive along project access roads, particularly Harper Lake Road at least every three hours during the DT active period (April through May and September through November) looking for DT or other vulnerable wildlife within the roadway. Outside of the active period, roads shall be monitored at least twice a day in advance of peak AM and PM traffic periods. During operation, employees shall report any DT sightings along roadways to the Biological Monitor. If a DT is observed in the roadway or beneath a parked vehicle, it will be left to move on its own or a Biological Monitor may remove and transfer the animal to a safe location if temperatures are within the appropriate range as identified in the Final Desert					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-7 (cont.)	Tortoise Clearing and Translocation Plan. **9. AVOID WILDLIFE PITFALLS:** At the end of each workday the DB shall ensure that all potential wildlife pitfalls (trenches, bores, and other excavations) outside of the permanently fenced areas have been backfilled. If backfilling is not feasible, all trenches, bores, and other excavations shall be slope at 3:1 ratio at the ends to provide escape ramps, or covered completely to prevent wildlife access, or fully enclosed with tortoise-exclusion fencing. All trenches, bores, and other excavations outside the areas fenced with DT exclusion fencing shall be inspected at the beginning of each workday, periodically throughout, and at the end of each workday by the Designated Biologist. Should a tortoise or other wildlife become trapped, the Designated Biologist or Biological Monitor shall remove and relocate the individual to a safe location. Any wildlife encountered during the course of construction shall be allowed to leave the construction area unharmed. **10. AVOID ENTRAPMENT OF WILDLIFE:** Any construction pipe, culvert, or similar structure with a diameter greater than three inches, stored less than eight inches above ground for one or more days/nights, shall be inspected for wildlife before the material is moved, buried, or capped. As an alternative, all such structures may be capped before being stored, or placed on pipe racks. **11. REPORT WILDLIFE INJURY and MORTALITY:** Report all inadvertent deaths of sensitive species to the appropriate project representative, including road kill. Species name, physical characteristics of the animal (sex, age class, length, weight), and other pertinent information shall be noted and reported in the MCRs. Injured animals shall be reported to the CDFG or USFWS and the CPM and the project owner shall follow instructions that are provided by CDFG or USFWS. If CDFG or USFWS cannot be immediately reached, consideration should be given to taking the animal to a veterinary hospital. If any golden eagles area recovered dead, they shall be sent to the National Eagle					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-7 (cont.)	Repository after the cause of death has been investigated. **12. MINIMIZE STANDING WATER:** Water applied to dirt roads and construction areas (trenches or spoil piles) for dust abatement shall use the minimal amount needed to meet safety and air quality standards in an effort to prevent the formation of puddles, which could attract DT and common ravens, and other wildlife to construction sites. A Biological Monitor shall patrol these areas to ensure water does not puddle and attract DT, common ravens, and other wildlife to the site and shall take appropriate action to reduce water application where necessary. **13. MINIMIZE HAZARDOUS MATERIALS SPILLS:** All vehicles and equipment shall be maintained in proper working condition to minimize the potential for fugitive emissions of motor oil, antifreeze, hydraulic fluid, grease, or other hazardous materials. The Designated Biologist shall be informed of any hazardous spills immediately as directed in the Project Hazardous Materials Plan. Hazardous spills shall be immediately cleaned up and the contaminated soil properly disposed of at a licensed facility. Servicing of construction equipment shall take place only at a designated area. Service/maintenance vehicles shall carry a bucket and pads to absorb leaks or spills. **14. WORKER GUIDELINES:** During construction all trash and food-related waste shall be placed in self-closing containers and removed weekly from the site. Workers shall not feed wildlife or bring pets to the Project site. Except for law enforcement personnel, no workers or visitors to the site shall bring firearms or weapons. **15. AVOID SPREAD OF NOXIOUS WEEDS:** The project owner shall implement the following Best Management Practices during construction and operation to prevent the spread and propagation of noxious weeds: A. Limit the size of any vegetation and/or ground disturbance to the absolute minimum and limit ingress					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-7 (cont.)	and egress to defined routes; B. Reestablish vegetation quickly on temporarily disturbed areas, including pipelines, transmission lines, and staging areas (BIO-9); C. Prevent the spread of non-native plants via vehicular sources by implementing Trackclean™ or other method of vehicle cleaning for vehicles coming and going from construction sites. Earth-moving equipment and construction vehicles shall be cleaned within an approved area or commercial facility prior to transport to the construction site. The number of cleaning stations shall be limited and weed control/herbicide application shall be used at the cleaning station(s); D. Use only weed-free straw, hay bales, and seed for erosion control and sediment barrier installations; E. Invasive non-native species shall not be used in landscaping plans and erosion control; and, F. Monitor and rapidly implement control measures to ensure early detection and eradication of weed invasions. **16. IMPLEMENT EROSION CONTROL MEASURES:** Standard erosion control measures shall be implemented for all phases of construction and operation. All disturbed soils and roads within the project site shall be stabilized to reduce erosion potential, both during and following construction. Areas of disturbed soils (access and staging areas) with slopes toward an ephemeral drainage or Harper Dry Lake shall be stabilized to reduce erosion potential. **17. MONITOR GROUND-DISTURBING ACTIVITIES PRIOR TO SITE MOBILIZATION:** If ground-disturbing activities are required prior to site mobilization, such as for geotechnical borings or hazardous waste evaluations, a Designated Biologist or Biological Monitor shall be present to monitor any actions that could disturb soil, vegetation, or wildlife. Actions not included in the project description are prohibited.					
BIO-8	**PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES FOR MIGRATORY BIRD:** Pre-construction	At least 10 days prior to the start of any pre-construction site-	Project Owner, Designated	If construction is to occur from February 1 through August 1,	Complete.	No nesting bird surveys were conducted in May 2012.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-8 (cont.)	nest surveys shall be conducted if construction activities will occur from February 1 through August 1. At all times of the year, noise generating activities shall be limited during early morning and evening to avoid impacts to birds protected under the Migratory Bird Treaty Act. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: 1. Surveys shall cover all potential nesting habitat in the project site and within 500 feet of the boundaries of the plant site as well as any areas potentially exposed to noise levels above 60 dBA; 2. At least two pre-construction surveys shall be conducted, separated by a minimum 10-day interval. One of the surveys needs to be conducted within the 10-day period preceding initiation of construction activity. Additional follow-up surveys may be required if periods of construction inactivity exceed three weeks in any given area, an interval during which birds may establish a nesting territory and initiate egg laying and incubation; 3. If active nests are detected during the survey, a no-disturbance buffer zone (protected area surrounding the nest, the size of which is to be determined by the Designated Biologist in consultation with CDFG and USFWS) and monitoring plan shall be developed. Nest locations shall be mapped using GPS technology and submitted, along with a weekly report stating the survey results, to the CPM; and 4. The Designated Biologist or Biological Monitor shall monitor the nest until he or she determines that nestlings have fledged and dispersed; activities that might, in the opinion of the Designated Biologist in consultation with the CPM, disturb nesting activities (e.g., excessive noise above 60 dBA), shall be prohibited within the buffer zone until such a determination is made.	mobilization, the Project owner shall provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no-disturbance buffer zone around the nest. Additional copies shall be provided to CDFG and USFWS.	Biologist, and Biological Monitor	prior to start of pre-construction site mobilization.		
BIO-9	**GOLDEN EAGLE TERRITORY - SPECIFIC MANAGEMENT PLAN:** In addition to the breeding season golden eagle inventory conducted in the spring of 2010, a non-breeding season golden eagle inventory survey shall be conducted in late summer/early winter. If an occupied golden	The Project owner shall submit a report to the CPM, CDFG, and USFWS within 30 days of completion of breeding-	Project Owner	Survey report within 30 days of completion of breeding and non-breeding surveys.	Complete.	Based on email correspondence from USFWS on January 28, 2010, a Golden Eagle Territory-Specific

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BIO-9 (cont.)	eagle territory is identified within 10 miles of the project site (except for the territory identified at Black Mountain in April 2010) during breeding or non-breeding inventory surveys for the MSP, the project owner shall prepare and implement a Golden Eagle Territory-Specific Management Plan. This plan shall: 1. Include measures to avoid and minimize disturbance (as defined in 50 CFR 22.3) to golden eagles during project construction and operation activities. Measures may include limited operating periods or no-disturbance buffers within which certain potentially disruptive project activities shall not be conducted, or modification of certain project activities to reduce the potential for disturbance to eagles. 2. Identify monitoring actions and schedule for their implementation to ensure avoidance and minimization of disturbance. Monitoring and reporting shall be conducted pre- and post-activity per Interim Golden Eagle Inventory and Monitoring Protocols (Pagel et al. 2010).	season golden eagle surveys. This report shall document the results of the inventory and monitoring as described in Pagel et al. 2010. The Project owner shall submit a report to the CPM, CDFG, and USFWS within 30 days of completion of non-breeding season golden eagle surveys. This report shall document the results of the protocol surveys as described in Pagel et al. 2010 or more recent guidance by USFWS (e.g., Pagel et al. in prep). At least 30 days prior to the start of any pre-construction site mobilization, the Project owner shall provide the CPM, CDFG, and USFWS with the final version of the Golden Eagle Territory-Specific Management Plan, based on breeding-season inventory results. This final Plan shall have been reviewed and approved by the CPM in consultation with USFWS. If disturbance to eagles would not occur and a Plan is not warranted, a letter from USFWS documenting this determination shall be		Submit the final version of the Golden Eagle Territory-Specific Management Plant at least 30 days prior to the start of any pre-construction site mobilization.		Management Plan is not required.

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BIO-9 (cont.)		submitted to the CPM at least 10 days prior to the start of any pre-construction site mobilization. An addendum to the Plan may be required by USFWS based on non-breeding season survey results. If required, a final addendum, which has been reviewed and approved by the CPM in consultation with USFWS, shall be submitted to the CPM within 90 days of completion of non-breeding season golden eagle surveys.				
BIO-10	**DOCUMENTATION OF BALD AND GOLDEN EAGLE ACT COMPLIANCE:** The project owner shall provide documentation to the CPM that the project is in compliance with the Bald and Golden Eagle Protection Act (Title 16, United States Code, sections 668-668d).	No less than 10 days prior to the start of any pre-construction site mobilization, the Project owner shall submit to the CPM documentation that the Project is in compliance with the Bald and Golden Eagle Protection Act (Title 16, United States Code, sections 668-668d). This shall include documentation from the USFWS in the form of written or electronic transmittal indicating the status of the permit, if required, and any follow-up actions required by the Project owner. Any	Project Owner	No less than 10 days prior to the start of any pre-construction site mobilization.	Complete.	Confirmation of compliance with the Bald and Golden Eagle Protection Act was provided by USFWS via email on March 11, 2011, and is included in the BRMIMP.

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BIO-10 (cont.)		additional actions shall be added to the BRMIMP and implemented.				
BIO-11	**DESERT TORTOISE EXCLUSION FENCING, CLEARANCE SURVEYS, AND TRANSLOCATION PLAN:** A DT Exclusion Fencing, Clearance Surveys, and Translocation Plan (DT Plan) shall be developed in consultation with the CPM, CDFG, and USFWS. This plan shall include detailed measures to avoid and minimize impacts to DT in and near the construction areas as well as methods for clearance surveys, fence installation, tortoise handling; artificial burrow construction, egg handling, and other procedures, which shall be consistent with those described in the USFWS DT Field Manual or more current guidance provided by CDFG and USFWS. At a minimum, the following measures shall be included in the plan and implemented by the project owner to manage their construction site, and related facilities, in a manner to avoid, minimize, or mitigate impacts to DT. 1. **FENCE INSTALLATION:** Prior to ground disturbance, the entire project site shall be fenced with DT exclusion fence. To avoid impacts to DT during fence construction, the proposed fence alignment shall be flagged and the alignment surveyed within 24 hours prior to fence construction. Surveys shall be conducted by the Designated Biologist using techniques approved by the USFWS and CDFG. Biological Monitors may assist the Designated Biologist under his or her supervision. These surveys shall provide 100% coverage of all areas to be disturbed during fence construction and an additional transect along both sides of the fence line. This fence line transect shall cover an area approximately 90 feet wide centered on the fence alignment. Transects shall be no greater than 30 feet apart. All DT burrows, and burrows constructed by other species that might be used by DTs, shall be examined to assess occupancy with USFWS approved protocol. A. Timing, Supervision of Fence Installation. The	At least 45 days prior to the start of any pre-construction site mobilization, the Project owner shall provide the CPM with the final version of the Desert Tortoise Translocation Plan that has been approved by Energy Commission staff, USFWS, and CDFG. The CPM will determine the plan's acceptability within 15 working days of receipt of the final plan. All modifications to the approved final Desert Tortoise Translocation Plan must be made only after approval by the Energy Commission staff, USFWS, and CDFG. The Project owner shall notify the CPM no fewer than five working days before implementing any CPM-approved modifications to the Translocation Plan. Within 30 days of completing of desert tortoise clearance surveys the Designated Biologist shall submit a report to the CPM, USFWS, and CDFG describing how each of the mitigation measures have been	Project Owner, Designated Biologist, and Biological Monitor	Submit Final Desert Tortoise Translocation Plan at least 45 days prior to the start of any pre-construction site mobilization. Submit report within 30 days of completing of desert tortoise clearance surveys.	Ongoing.	DT exclusion fence inspections occurred on May 2, 9, 16, and 29, 2012. No breeches or vandalism of the DT fence was discovered. High winds have caused sand to pile up against the fence; the contractor is working to remove the sand and get the fence height back to 24 inches. This is an on-going process. DT clearance surveys were conducted in the northern portion of Beta along Lockhart Road before realignment of road. Approximately 600 to 800 feet of DT fence was moved; no DT or their sign was observed.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-11 (cont.)	exclusion fencing shall be installed in any area subject to disturbance prior to the onset of site clearing and grubbing in that area. The fence installation shall be supervised by the Designated Biologist and monitored by the Biological Monitors to ensure the safety of any tortoise present. B. Fence Material and Installation. The permanent tortoise exclusionary fencing shall consist of galvanized hard wire cloth, 1- by - inch mesh sunk 12 inches into the ground, and 24 inches above ground (refer to parameters for USFWS-approved tortoise exclusion fencing at www.fws.gov/ventura/ speciesinfo/protocols_guidelines). For temporary exclusion fencing, a "folded bottom" technique shall be implemented. This method follows the same guidelines as installation of permanent fencing except instead of burying the bottom 12 inches of fencing, it is bent at an approximately 90-degree angle (to follow the contour of the ground) and spikes or other retaining methods are driven into the ground every two linear feet in such a manner as to "anchor" the bottom of the fence. This method eliminates the need for trenching, which for short-term temporary impacts may be more beneficial to the recovery of the landscape, and thus the species. C. Security Gates. Security gates shall be designed with minimal ground clearance to deter ingress by tortoises. The gates shall remain closed except during vehicle passage and may be electronically activated to open and close immediately after the vehicle(s) have entered or exited to prevent extended periods with open gates, which might lead to a tortoise entering. D. Storm water Drainage Fencing. The onsite storm water drainage channels, including the headwalls,	satisfied. The report shall include the desert tortoise survey results, capture and release locations of any translocated desert tortoises, and any other information needed to demonstrate compliance with the measures described above.				

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-11 (cont.)	outlet, and road crossings, shall be permanently fenced to ensure exclusion of DT during MSP operation. E. Fence Inspections. Following installation of the DT exclusion fencing for the permanent site and the storm water drainage fencing and temporary fencing (if required), the fencing shall be regularly inspected. Permanent fencing shall be inspected monthly and during/immediately following all major rainfall events. Any damage to the fencing shall be temporarily repaired immediately to keep tortoises out of the site, and permanently repaired within two days of observing damage. Inspections of permanent site fencing shall occur for the life of the Project. Temporary fencing must be inspected immediately following major rainfall events. All temporary fencing shall be repaired immediately upon discovery and, if the fence may have permitted tortoise entry while damaged, the Designated Biologist shall inspect the area enclosed by the fence for tortoise. **2. DESERT TORTOISE CLEARANCE SURVEYS:** Following construction of the tortoise exclusionary fencing around the Plant site, all fenced areas shall be cleared of tortoises by the Designated Biologist, who may be assisted by Biological Monitors. A minimum of two 100 percent coverage protocol clearance surveys with negative results must be completed and these must coincide with heightened desert tortoise activity from April through May and September through November. Non-protocol clearance surveys may be conducted in areas of certainly unsuitable habitat (e.g., developed) with prior approval of specific areas by USFWS and CDFG (these proposed areas shall be identified in the Desert Tortoise Plan). Clearance survey transects shall be followed as described in the Final Desert Tortoise Plan. Additional clearance survey guidelines are provided in the USFWS *Desert Tortoise Field Manual* (www.fws.gov/ventura/					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
	speciesinfo/protocols_guidelines) (USFWS 2009). <u>Translocation Of Desert Tortoise:</u> If DT are detected during clearance surveys within the project impact area, the Designated Biologist shall safely translocate the tortoise the shortest possible distance to the nearest suitable habitat. Any handling efforts shall be in accordance with techniques described in the final Desert Tortoise Plan., which shall be consistent with the USFWS *Desert Tortoise Field Manual* (www.fws. gov/ventura/speciesinfo/protocols_guidelines) (USFWS 2009). If a visibly diseased tortoise is encountered on site, procedures shall be implemented in accordance with the approved final Desert Tortoise Plan.					
BIO-11 (cont.)	**3. BURROW INSPECTION:** All potential DT burrows within the fenced area shall be searched for presence. To prevent reentry by a tortoise or other wildlife, all burrows shall be collapsed once absence has been determined, in accordance with the final DT Plan. Immediately following excavation and if environmental conditions warrant immediate translocation, tortoises excavated from burrows shall be translocated to unoccupied natural or artificial burrows within the location approved by USFWS and CDFG per the final DT Plan. **4. BURROW EXCAVATION:** Burrows inhabited by tortoise shall be excavated by the Designated Biologist using hand tools, and then collapsed or blocked to prevent re-occupation, in accordance with the final DT Plan. If excavated during May through July, the Designated Biologist shall search for DT nest/eggs. All DT handling and removal, and burrow excavation, including nest, shall be conducted by the Designated Biologist in accordance with the USFWS *Desert Tortoise Field Manual* (ww.fws.gov/Ventura/species info/protocols guidelines). **5. MONITORING DURING CLEARING:** Following					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-11 (cont.)	the installation of exclusionary fencing and after ensuring desert tortoise are absent from the project site, heavy equipment shall be allowed to enter the project site to perform earthwork such as clearing, grubbing, leveling, and trenching. A Biological Monitor shall be on site at all times during initial clearing and grading activities. Should a tortoise be discovered, it shall be relocated as described above in accordance with the final DT Plan. 6. **REPORTING:** The Designated Biologist shall record the following information for any DT handled: a) the locations (narrative and maps) and dates of observation; b) general condition and health, including injuries, state of healing and whether DT voided their bladders; c) location moved from and location moved to (using GPS technology); d) gender, carapace length, and diagnostic markings (i.e., identification numbers or marked lateral scutes); e) ambient temperature when handled and released; and f) digital photograph of each handled DT. DT moved from within Project areas shall be marked and monitored in accordance with the Desert Tortoise Relocation/Translocation Plan. Digital photographs of the carapace, plastron, and fourth scute shall be taken. Scutes shall not be notched for identification.					
BIO-12	**MOHAVE GROUND SQUIRREL CLEARANCE SURVEYS:** The project owner shall implement the following measure to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to Mohave ground squirrels (MGS). 1. **CLEARANCE SURVEY:** After the installation of the DT exclusion fence and immediately prior to any ground disturbance, the Designated Biologist shall examine the construction disturbance area for MGS and their burrows. The survey shall provide 100 percent coverage of suitable habitat within the project site (undisturbed desert saltbush scrub, disturbed desert saltbush scrub, disturbed desert saltbush scrub re-growth, fallow agriculture- saltbush regrowth.	The Designated Biologist shall submit a report to the CPM and CDFG documenting results of the clearance surveys and records of capture of MGS if applicable. The report is required within 30 days of completion of the MGS clearance surveys.	Project Owner, Designated Biologist, and Biological Monitor	Prior to ground disturbance activities and after DT exclusion fencing has been installed. Report within 30 days of completion of the MGS clearance surveys.	Complete.	Complete.

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BIO-12 (cont.)	A. If potentially occupied burrows are identified, an attempt shall be made to trap and relocate the individual(s). Potentially occupied burrows shall be fully excavated by hand. B. Trapping, relocation, and MGS burrow excavation shall only be conducted by individual(s) possessing and Memorandum of Understanding (MOU) with CDFG for such activities. **2. RECORDS of CAPTURE.** If MGS are captured via trapping or burrow excavation, the Designated Biologist shall maintain a record of each MGS handled, including: a) the locations (Global Positioning System [GPS] coordinates and maps) and time of capture and/or observation as well as release; b) sex; c)approximate age (adult/juveniles); d) weight; e) general condition and health, noting all visible conditions including gait and behavior, diarrhea, emaciation, salivation, hair loss, ectoparasites, and injuries; and f) ambient temperature when handled and released. **3. RELOCATION.** Any MGS captured via trapping or burrow excavation shall be relocated to suitable habitat adjacent to the project site, which provides conditions suitable for the long-term survival of relocated MGS.					
BIO-13	**BURROWING OWL IMPACT AVOIDANCE, MINIMIZATION, AND COMPENSATION MEASURES:** Prior to preconstruction surveys, a Burrowing Owl Monitoring and Mitigation Plan (Burrowing Owl Plan) shall be developed by the project owner in consultation with the CPM and CDFG. This plan shall include detailed measures to avoid and minimize impacts to burrowing owls in and near the construction areas (if identified during surveys) and shall be consistent with CDFG guidance (CDFG 1995). In addition, the plan shall identify the optimal time to concurrently relocate both desert tortoise and burrowing owl. At a minimum, the following measures shall be included in the plan and implemented by the project owner to manage their construction site, and related facilities, in a manner to avoid, minimize, or mitigate impacts to breeding and foraging burrowing owls.	At least 45 days prior to start of any pre-construction site mobilization, the project owner shall provide the CPM and CDFG with the final version of the Burrowing Owl Monitoring and Mitigation Plan that has been reviewed and approved by the CPM in consultation with CDFG. An addendum to the plan, which includes the pre-construction survey	Designated Biologist and Biological Monitor	Pre-construction surveys concurrent with DT clearance surveys. Pre-construction survey results (e.g., number of owls identified on-site) and the CDFG-approved amount of compensatory mitigation shall be submitted within 10 days of completing the burrowing owl	Ongoing.	The final Burrowing Owl Mitigation and Monitoring Plan was submitted in March 2011 (AECOM 2011). AECOM submitted an addendum to the burrowing owl plan to CEC in January 2012.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-13 (cont.)	**1. PRE-CONSTRUCTION SURVEYS.** The Designated Biologist shall conduct pre-construction surveys for burrowing owls within the project site and a 160-foot buffer. These surveys shall be conducted concurrent with the DT clearance surveys, to the maximum extent possible. Pre-construction surveys shall be conducted prior to the nesting season (February 1 through August 31) and all burrowing owls will be passively relocated using one-way trap doors. Once the Designated Biologist has verified that all burrowing owls have vacated an occupied burrow, the Designated Biologist shall collapse the burrow, preventing re-occupation. A. If ground disturbance cannot be avoided in areas where nesting burrowing owls are active, a 250-foot exclusion area around occupied burrows will be flagged and this area will not be disturbed during the nesting season (February 1 through August 31) unless a qualified biologist verifies through non-invasive methods that either; (1) the birds have not begun egg-laying and incubation; or (2) that juveniles from the occupied burrows are foraging independently and are capable of independent survival. The exclusion area shall remain connected to natural area(s) to the extent possible, to avoid completely surrounding the owl with construction activities and/or equipment. **2. ARTIFICIAL BURROW INSTALLATION.** Prior to any ground-disturbing activities, the project owner shall install five artificial burrows for each identified BO burrow within the project area that would be destroyed, within the approved compensatory habitat area. The Designated Biologist shall survey the site selected for artificial burrow construction to verify that such construction will not affect DT or MGS or existing BO colonies in the relocation area. Installation of the artificial burrows shall occur after baseline surveys of the relocation area and prior to ground disturbance or heavy equipment staging. Design of the artificial burrows shall	results, (e.g., number of owls identified on-site) and the CDFG-approved amount of compensatory mitigation, shall be submitted within 10 days of completing the burrowing owl pre-construction surveys. The CPM will determine the acceptability of the Plan and addendum within 15 days of their receipt. All modifications to the approved Plan may be made by the CPM after consultation with CDFG. The Project owner shall notify the CPM no less than five working days before implementing any CPM-approved modifications to the Burrowing Owl Monitoring and Mitigation Plan.		pre-construction surveys. Burrow installation prior to ground disturbance activities. Passive relocation surveys will be conducted for 2 years, with surveys occurring in the spring and winter.		

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	be consistent with CDFG guidelines and shall be approved by the CPM in consolation with CDFG. 3. **PASSIVE RELOCATION.** Prior to passive relocation, any owl that will be relocated shall be color banded with air-craft aluminum bands in accordance with the guidance provided by USGS bird banding lad to monitor relocation success. Color banding shall not be conducted during the breeding season. During the non-breeding season, owls would be given a minimum of three weeks to become familiar with the new artificial burrows, after which eviction of the owls with the project site could begin. Use of one way doors would be used to facilitate passive relocation of owls.					
BIO-13 (cont.)	A. Monitoring and Success Criteria. The Designated Biologist shall survey the compensatory mitigation area and suitable habitat within 600-meter radius from the project site to assess use of the artificial burrows by owls and relocation success after exclusion from the project area. Surveys shall be conducted using methods consistent with Phase II and Phase III California Burrowing Owl Consortium guidelines. Surveys shall be conducted two times in the spring and two times in the winter following eviction. This second survey within a season shall be conducted within 30 days of the first. Surveys shall continue for two years to encompass a total of two spring seasons (4 total spring surveys) and two winter seasons (4 total winter surveys). Surveys and monitoring shall be conducted using non-invasive methods (i.e., high-powered binoculars, spotting scope, or camera). Owls shall not be trapped or otherwise handled to read the color band. If survey results indicate BOs are not nesting within the surveys area, remedial actions may be developed and implemented in consultation with the CPM, CDFG, and USFWS to correct conditions at the site that might be preventing owls from nesting there. A report describing survey results and any remedial actions					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-13 (cont.)	taken shall be submitted to the CPM, CDFG and USFWS no later than January 31 of each year for two years. **4. PRESERVE AND MANAGE COMPENSATORY HABITAT**. For each individual owl or pair identified on the project site during pre-construction surveys, off-site mitigation shall be required as described in the California Burrowing Owl Consortium guidelines (CBOC 1993). Determining which ratio to apply depends on whether the proposed compensatory habitat is occupied or unoccupied. A. Replacement of occupied habitat with occupied habitat: 1.5 times 6.5 (9.75) acres per pair of single bird B. Replacement of occupied habitat with suitable unoccupied habitat: 3 times 6.5 (19.5) acres per pair of single bird. Compensatory habitat shall be suitable for occupation by burrowing owls and preserved and managed in perpetuity for this purpose. Compensatory mitigation may be within the 118.2 acres proposed for desert tortoise and MGS (refer to BIO-15), provided that it also meets the criteria for suitable burrowing owl habitat. The compensatory habitat shall be managed for the benefit of burrowing owls, with the specific goals of: A. Maintaining the functionality of artificial and natural burrows; and B. Minimizing the occurrence of weeds (species considered “moderate” or “high” threat to California wildlands as defined by CAL-IPC [2006] and noxious weeds rated “A” or “B” by the California Department of Food and Agriculture and any federal-rated pest plants [CDFA 2009]) at less than 10% cover of the shrub and herb layers. The Burrowing Owl Plan shall also include monitoring					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-13 (cont.)	and maintenance requirements for the compensatory habitat, details on methods for measuring compliance goals, and remedial actions to be taken if management goals are not met. The final Burrowing Owl Plan is due before preconstruction surveys begin to ensure that an approved relocation methodology will be followed for any owls occurring within the project area. Therefore, it is understood that the compensatory mitigation acreage (if required) may not be identified in the Burrowing Owl Plan. However, the Plan shall propose a location for compensatory mitigation land and the acreage required, quantified according to the CBOC methods outlined above. If owls are identified during the pre-construction survey, the project owner shall submit an addendum to the Burrowing Owl Plan, which identifies the number of owls identified and the exact acreage to be preserved and managed in perpetuity for burrowing owl based on the results of the preconstruction survey and as agreed to in consultation with CDFG.					
BIO-14	**AMERICAN BADGER AND DESERT KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES:** To avoid direct impacts to American badgers and desert kit fox, pre-construction surveys shall be conducted for these species concurrent with the DT surveys. Surveys shall be conducted as described below. • Biological Monitors shall perform pre-construction surveys for badger and kit fox dens in the Project disturbance area, including areas within 250 feet of the project site. If burrows are detected, each burrow shall be classified as inactive, potentially active, or definitely active. • Inactive burrows and setts that would be directly impacted by construction activities shall be excavated by hand and backfilled to prevent reuse by badgers or kit fox. • Potentially and definitely active burrows and setts shall not be disturbed during the whelping/pupping season (February 1 - September 30). Potentially and definitely active dens that would be directly impacted by construction activities shall be monitored by the	The Project owner shall submit a report to the CPM and CDFG within 30 days of completion of badger and kit fox surveys. The report shall describe survey methods, results, measures implemented, and the results of the measures.	Project Owner, Biological Monitor, and Designated Biologist	Within 30 days of completion of badger and kit fox surveys.	Ongoing.	In May, two kit fox dens were discovered. One den had one pup and the other den had four pups. Continuous monitoring of these dens is ongoing.

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BIO-14 (cont.)	Biological Monitor for three consecutive nights using a tracking medium (such as diatomaceous earth or fire clay) and/or infrared camera stations at the entrance. If no tracks are observed in the tracking medium or no photos of the target species are captured after three nights, the den shall be excavated and backfilled by hand. If tracks are observed, the Biological Monitor shall directly observe the burrow or sett and block the entrance after the animal exits and the Biological Monitor has verified that there are no animals in the burrow or sett. The burrow or den shall be blocked with natural materials (e.g., rocks, dirt, sticks, and vegetation piled in front of the entrance) or passive hazing methods shall be employed for the next three to five nights to discourage the badger or kit fox from continued use. Passive hazing methods shall be approved by CDFG. Live or other traps shall not be used (CCR Title 14 Section 460). A kit fox or badger shall never be trapped in its burrow/sett. After verification that the den is unoccupied it shall then be excavated and backfilled by hand to ensure that no badgers or kit fox are trapped in the den.					
BIO-15	**COMPENSATORY MITIGATION**. To fully mitigate for the habitat loss and incidental take of DT and MGS as well as BO, the project owner shall acquire, prior to ground-disturbing activities, in fee or in easement, no less than 118.2 acres of land suitable for these species and shall provide funding for the enhancement and long-term management of the compensation lands that may be delegated by written agreement to CDFG or a third party, such as a non-governmental organization dedicated to habitat conservation. If habitat disturbance exceeds that described in the analysis, the owner shall be responsible for acquisition and management of additional compensation lands and/or funds required to compensate for any additional habitat disturbance. Additional funds shall be based on the adjusted maker value of compensation lands at the time of construction to acquire and manage habitat. The acquisition and management of compensation lands shall include, but is not limited to, the following elements:	No less than 90 days prior to acquisition of the property, the Project owner, or a third-party approved by the CPM, in consultation with CDFG and USFWS, shall submit a formal acquisition proposal to the CPM, CDFG, and USFWS describing the parcel(s) intended for purchase or title/easement transfer. At least 30 days prior to construction-related ground disturbance (or as allowed under 5(e), above), the Project owner shall provide written	Project Owner	Agreements to delegate land acquisition or management within 12 months of the CEC decision. Submit a formal acquisition proposal no less than 90 days prior to acquisition of the property. At least 30 days prior to construction-related ground disturbance (or as allowed under 5[e], above), the Project owner shall	Ongoing.	None.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-15 (cont.)	**1. SELECTION CRITERIA FOR COMPENSATION LANDS**. The compensation lands selected for acquisition of title/easement transfer shall: A. have substantial capacity to support resident and dispersing DT, MGS, and BO; B. be a contiguous block of land (preferably) or located so that parcel(s) result in a contiguous block of protected habitat; C. not be encumbered by easements of uses that would preclude fencing of the site or preclude management of the site for the primary benefit of the species for which mitigation lands were secure; and, D. includes mineral/water rights or ensure that those rights may not be evoked in a manner to negate the values of compensation lands. **2. REVIEW AND APPROVAL OF COMPENSATION LANDS PRIOR TO TITLE/EASEMENT TRANSFER.** A minimum of three months prior to acquisition or transfer of the property title and/or easement, the owner, or a third party approved by the CPM, in consultation with CDFG and USFWS, shall submit a proposal to the CPM. CDFG and USFWS describing parcel(s) intended for purchase or title/easement transfer. This proposal shall discuss the suitability of the proposed parcel(s) as compensation lands for DT, MGS, and BO in relation to the criteria listed above. Approval from the CPM, in consultation with USFWS and CDFG, B66 shall be required for acquisitions of all parcels comprising no less than 118.2 acres in advance of purchase or title/easement transfer. **3. REVIEW AND APPROVAL OF COMPENSATION LANDS MANAGEMENT PLAN**. Within six months of the lands or easement purchase or transfer, as determined by the date on the title, the project owner, or a third-party approved by the CPM, in consultation with CDFG and USFWS, shall submit a compensation lands management plan to the CPM, CDFG, and USFWS. The	verification to the CPM that the compensation lands or conservation easements have been acquired and recorded in favor of the approved recipient(s). Within 6 months of the land or easement purchase, as determined by the date on the title, the Project owner shall provide the CPM with a management plan for review and approval, in consultation with CDFG, for the compensation lands and associated funds. Within 90 days after completion of Project construction, the Project owner shall provide to the CPM verification that disturbance to desert tortoise and MGS habitat did not exceed 430 acres, and that construction activities did not result in impacts to desert tortoise, MGS, and burrowing owl habitat adjacent to work areas. If habitat disturbance exceeds that described in this analysis, the CPM shall notify the Project owner of any additional funds required or lands that must be purchased to compensate for any additional habitat disturbances at the		provide written verification to the CPM that the compensation lands or conservation easements have been acquired and recorded in favor of the approved recipient(s).		

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-15 (cont.)	plan shall include, but not be limited to proposed measures to enhance habitat (e.g., removal of structures and other human attractants); maintenance procedures; and general maintenance provisions (e.g., trash dumping, trespass, pesticide use avoidance, etc.). **4. MITIGATION SECURITY FOR COMPENSATION LANDS AND AVOIDANCE/MINIMIZATION MEASURES.** The project owner shall provide financial assurances to the CPM, with copies of the document(s) to CDFG and USFWS, to guarantee that an adequate level of funding is available to implement all biological avoidance, minimization, and compensation measures described in the conditions of certification. These funds shall be used solely for implementation of the measures associate with the project. **5. CONDITIONS FOR ACQUISITION OF COMPENSATION LANDS.** The project owner shall comply with the following conditions relating to acquisition of compensation lands or transfer of the property's title and/or easement after the CPM, in consultation with CDFG and USFWS, has approved the proposed compensation land as described above. A. Preliminary Report. The project owner, or approved third party, shall provide a recent preliminary title report (no more than six months old), hazardous materials survey report (i.e., Phase I ESA), biological analysis, and other necessary documents for the proposed 118.2 acres. All documents conveying or conserving compensation lands and all conditions of title/easement are subject to a field review and approval by the CPM, in consultation with CDFG and USFWS, California Department of General Services, and, if applicable, the Fish and Game Commission and/or Wildlife Conservation Board.	adjusted market value at the time of construction to acquire and manage habitat. If electing to use an in-lieu fee provision, the Project owner shall request from the Energy Commission a determination that the Project's in-lieu fee proposal meets CEQA and CESA requirements.				

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-15 (cont.)	B. Title/Conveyance. The project owner shall transfer fee title/deed or a conservation easement for 118.2 acres of compensation lands to CDFG under terms approved by CDFG. Alternatively, a CPM-approved, in consultation with CDFG and USFWS, non-project organization qualified pursuant to California Government Code section 65965 may hold fee title or a conservation easement over the compensation lands. In the event an approved non-profit holds title, a conservation easement shall be recorded in favor of CDFG in a form approved by CDFG and USFWS; in the event an approved non-profit holds a conservation easement over the compensation lands, CDFG shall be named a third-party beneficiary. USFWS shall be named a third-party beneficiary regardless of who holds the easement. The project owner shall also provide a property assessment and warranty. C. Enhancement Fund. The project owner shall fund the initial protection and enhancement of the 118.2 acres by providing the enhancement fund to the CDFG. Alternatively, a CPM-approved, in consultation with CDFG and USFWS, non-profit organization qualified pursuant to California Government Code section 65965 to manage the compensations land may hold the enhancement funds. If CDFG takes fee title to the compensation lands, the enhancement fund must go to CDFG. D. Endowment Fund. Prior to ground-disturbing project activities, the project owner shall provide to CDFG a capital endowment in the amount determined through the Property Analysis Record (PAR) or PAR-like analysis that will be conducted for the 118.2 acres of compensation lands. Alternatively, a CPM-approved, in consultation with CDFG and USFWS, non-profit organization qualified pursuant to California Government Code section 65965 may hold the endowment fees. If CDFG takes fee title to the compensation lands, the					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-15 (cont.)	endowment must go to CDFG, where it will likely be held in the special deposit fund established pursuant to Government Code section 16370. If the special deposit fund is not used to manage the endowment, the California Wildlife Foundation will manage the endowment for CDFG and with CDFG guidance. The project owner and the CPM shall ensure that an agreement is in place with the endowment holder/manager to ensure the following: Interest. Interest generated from the initial capital endowment shall be available for reinvestment into the principal and for the long-term operation, management, and protection of the approved compensation lands, including reasonable administrative overhead, biological monitoring, improvements to carrying capacity, law enforcement measures, and any other action designed to protect or improve the habitat values of the compensation lands. Withdrawal of Principal. The endowment principal shall not be drawn upon unless such withdrawal is deemed necessary by the CDFG or the approved third-party endowment manager to ensure the continued viability of the species on the 118.2 acres. If CDFG takes fee title to the compensation lands, monies received by CDFG pursuant to this provision will likely be deposited in a special deposit fund established pursuant to Government Code section 16370. If the special deposit fund is not used to manage the endowment, the California Wildlife Foundation will manage the endowment for CDFG and with CDFG guidance. Pooling Endowment Funds. CDFG, or a CPM-approved, in consultation with CDFG and USFWS, non-profit organization qualified pursuant to California Government Code section 65965 to hold endowments for the operation, management, and					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-15 (cont.)	protection of the 118.2 acres for local populations of DT and MGS. However, for reporting purposes, the endowment fund must be tracked and reported individually. E. Security Deposit. The project owner may proceed with ground disturbing activities before fully performing its compensatory mitigation duties and obligations as set forth above only if the project owner secures its performance by providing funding to CDFG (Security Deposit), or if CDFG approves, administrative proof of funding, necessary to cover easement costs, fencing/cleanup costs, and as necessary, initial protection and enhancement of the compensation lands. If the Security is provided to allow the commencement of project disturbance prior to completion of compensation actions, the project owner has failed to comply with the conditions of certification, The security will be returned to the project owner upon completion of an implementation agreement with a third party mitigation banking entity acceptable to the CPM and CDFG, to acquire and/or manage the compensation lands. The security is calculated as follow: - Costs of enhancing compensation lands are estimated at $250 per acre. - Costs of establishing an endowment for long-term management of compensation land are estimated at $1,300 per acre. F. Reimbursement Fund. The project owner shall provide reimbursement to the CDFG or approved third party for reasonable expenses incurred during title, easement, and documentation review; expenses incurred from other state agency reviews; and overhead related to providing compensation lands. The project owner is responsible for all compensation lands acquisition/easement costs,					

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-15 (cont.)	including but not limited to, title and document review costs, as well as expenses incurred from other state agency reviews and overhead related to providing compensation lands to the department or approved third party; escrow fees or costs; environmental contaminants clearance; and other site cleanup measures. The project owner may choose to satisfy its mitigation obligations by paying an in-lieu fee instead of acquiring compensation lands to mitigate for 118.2 acres of habitat, pursuant to California Senate Bill 34 (enacting CESA § 2069 and 2099) or other applicable in-lieu fee provision, to the extent the in-lieu fee provision is found by the Energy Commission to be in compliance with CEQA and CESA requirements.					
BIO-16	**TAMARISK ERADICATION, MONITORING, AND REPORTING PROGRAM.** The project owner shall ensure effective removal of tamarisk by designing and implementing a monitoring and reporting plan, The plan shall include proposed methods for tamarisk removal and treatment, monitoring and maintenance procedures/timeline, irrigation, success standards and contingency measures, and monitoring and maintenance objectives to prevent the reinvasion of undesirable weeds and/or invasive wildlife species for a minimum of five years. This plan shall include identification on a map of each location and size of non-native vegetation to be removed, and the methods proposed to remove and dispose of invasive wildlife species. Exotic, non-native, and invasive species removal shall be conducted throughout the monitoring and maintenance period. Prior to any tree removal, it will be verified that there are no nesting raptors or other MBTA-protected birds. For the CPM and CDFG to deem eradication successful: 1) The site shall not contain more than 5 percent exotic plant species of the CPM and CDFG to deem the tamarisk removal successful. 2) All plant species with rate of dispersal and establishment listed as “high” or “moderate” on the California Invasive	At least 30 days prior to any construction-related ground disturbance, the Project owner shall submit to the CPM a copy of the Energy Commission staff- and CDFG-approved Tamarisk Eradication Monitoring and Reporting Plan, including success criteria. The Designated Biologist shall submit annual reports to the CPM and CDFG describing the dates, durations and results of monitoring. The reports shall fully describe the status of the tamarisk at the eradication site, and shall describe any actions taken to remedy regrowth. The CPM and CDFG shall (1) verify compliance with protective measures	Project Owner and Designated Biologist	Submit Tamarisk Eradication Monitoring and Reporting Plan at least 30 days prior to any construction-related ground disturbance. Monitoring and maintenance of the site shall be conducted for 5 years unless less monitoring can be justified.	Complete.	The revised Tamarisk Plan was approved by CEC on November 17, 2011. All tamarisk trees have been removed from the site.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-16 (cont.)	Plant Inventory shall have documented absence, or have been removed from the site for at least three years for the CPM and CDFG to deem the site successful. 3) The site shall not contain invasive wildlife species for the CPM and CDFG to deem the site successful. Monitoring and maintenance of the site shall be conducted for five years unless less monitoring can be justified. Following the first year of monitoring, if the project owner petitions to terminate the monitoring program, staff and CDFG will determine whether more years are of monitoring are needed.	to ensure the accuracy of the Project owner's mitigation, monitoring and reporting efforts; and (2) review relevant documents maintained by the Project owner, interview the Project owner's employees and agents, inspect the work site, and take other actions as necessary to assess compliance with or effectiveness of protective measures.				
BIO-17	**MONITORING IMPACTS OF SOLAR COLLECTING TECHNOLOGY ON BIRDS.** The project owner shall prepare and implement a Bird Monitoring Study to monitor the death and injury of birds from collisions with facility features such as reflective mirror-like surfaces and from heat, and bright light from concentrating sunlight. The study design shall be approved by the CPM in consultation with the CDFG and USFWS, and shall be incorporated in to the projects BRMIMP and implemented. The Bird Monitoring Study shall include detailed specification on data and carcass collection protocol and a rationale justifying the proposed schedule or carcass searches. The study shall also include seasonal trials to assess bias from carcass removal by scavengers as well as searcher bias.	At least 60 days prior to commercial operation, the Project owner shall submit to the CPM, USFWS, and CDFG and draft Bird Monitoring Study. The CPM shall review and provide written comments within 15 days of receipt of the Bird Monitoring Study. At least 30 days prior to start of commercial operation, the Project owner shall provide the CPM with the final version of the Bird Monitoring Plan that has been reviewed and approved by the CPM, in consultation with CDFG and USFWS. All modifications to the Bird Monitoring Study shall be made only after approval from the CPM." All modifications to the Bird Monitoring Study	Project Owner	Submit a draft Bird Monitoring Study at least 60 days prior to commercial operation of the plant.	Draft report finished.	Preparation of BIO-17 report has begun; expected completion date is June; draft report finished, but graphics being finalized.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-17 (cont.)		shall be made only after approval from the CPM. For at least two years following the beginning of operation the Designated Biologist shall submit quarterly reports to the CPM, CDFG, and USFWS describing the dates, durations and results of monitoring. The quarterly reports shall provide a detailed description of any Project-related bird or wildlife deaths or injuries detected during the monitoring study or at any other time. Following the completion of the fourth quarter of monitoring the Designated Biologist shall prepare an Annual Report that summarizes the year's data, analyzes any Project-related bird fatalities or injuries detected, and provides recommendations for future monitoring and any adaptive management actions needed. The Annual Report shall be provided to the CPM, CDFG, and USFWS. Quarterly reporting shall continue until the CPM, in consultation with CDFG and USFWS determine whether more years of monitoring are needed, and whether mitigation (e.g.,				

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-17 (cont.)		development and/or implementation of bird deterrent technology) and/or adaptive management measures are necessary. After the Bird Monitoring Study is determined by the CPM to be complete, the Project owner or contractor shall prepare a paper that describes the study design and monitoring results to be submitted to a peer-reviewed scientific journal. Proof of submittal shall be provided to the CPM within one year of concluding the monitoring study.				
BIO-18	**RAVEN MANAGEMENT PLAN:** The project owner shall implement the following measures to manage their construction site and related facilities in a manner to control raven populations and to mitigate cumulative and indirect impacts to desert tortoise associated with regional increases in raven numbers: 1. <u>Common Raven Monitoring, Management, and Control Plan</u>. The project owner shall design and implement a Common Raven Monitoring, Management, and Control Plan that is consistent with the most current USFWS-approved raven management guidelines and that meets the approval of USFWS, CDFG, and Energy Commission staff. The Raven Plan shall: A. Identify conditions associated with the project that might provide raven subsidies or attractants; B. Describe management practices to avoid or minimize conditions that might increase raven	At least 30 days prior to start of any construction-related ground disturbance activities, the Project owner shall provide the CPM, USFWS, and CDFG with the final version of the Raven Management Plan that has been reviewed and approved by USFWS and CDFG. The CPM shall determine the plan's acceptability within 10 days of receipt of the final plan. All modifications to the approved Raven Management Plan must be made only after consultation with the Energy Commission staff,	Project Owner and Designated Biologist	Submit the final version of a Raven Plan no less than 10 days prior to the start of any Project-related ground-disturbance activities. Prior to the start of any Project-related ground-disturbance activities, provide documentation that the one-time fee for the USFWS Regional Raven Management Program has been deposited to the REAT-NFWF subaccount for the	Complete.	On March 26, 2012, the revised Raven Management Plan was finalized, with approval from CEC, CDFG, and USFWS.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-18 (cont.)	numbers and predatory activities; C. Describe control practices for ravens; D. Address monitoring and nest removal during construction and for the life of the project; E. And discuss reporting requirements. 2. <u>USFWS Regional Raven Management.</u> The project owner shall submit payment to the project sub-account of the Renewable Energy Action Team (REAT) Account held by the National Fish and Wildlife Foundation (NFWF) to support the regional raven management plan. The amount shall be a one-time payment of $105 per acre of land permanently disturbed by the project.	USFWS, and CDFG. The Project owner shall notify the CPM no less than 5 working days before implementing any CPM-approved modifications to the Raven Plan. Prior to start of any construction-related ground disturbance activities, the project owner shall submit to the CPM verification of payment to the REAT Account to support the regional raven monitoring plan. Payment shall be included in the AMS project's land management enhancement fund, pursuant to Condition of Certification BIO-15 (5[D]). Within 30 days after completion of Project construction, the Project owner shall provide to the CPM for review and approval a report identifying which items of the Raven Plan have been completed, a summary of all modifications to mitigation measures made during the Project's construction phase, and which items are still outstanding.		Project. Within 30 days after completion of Project construction, submit a report identifying which items of the Raven Plan have been completed, a summary of all modification to mitigation measures made during the Project's construction phase, and which items are still outstanding.		
BIO-19	**EVAPORATION POND MONITORING AND ADAPTIVE MANAGEMENT PLAN:** The project owner shall design and implement an Evaporation Pond Monitoring and Adaptive Management Plan that meets the requirements	At least 30 days prior to operation of the evaporation ponds, the Project owner shall	Project Owner and Designated Biologist	Submit Final Evaporation Pond Monitoring Plan at least 30 days prior	In March 2012, started preparation of the	Draft report completed, ready for client submittal for review.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-19 (cont.)	of the USFWS and CDFG, RWQCB, and the CPM. The objective of the Plan is to define the monitoring and reporting procedures as well as triggers for adaptive management strategies that shall be implemented to prevent wildlife mortality at the evaporation ponds. The plan shall include: • A description of evaporation pond design features such as side slope specifications, freeboard and depth requirements, which will prevent use by wildlife; • A detailed description of the wildlife monitoring procedures andschedule. For the initial implementation of a new technology, dailymonitoring shall be conducted both at the project evaporation ponds and the wetlands within the Harper Lake ACEC. Monitoringmay be reduced to weekly and potentially bi-weekly or monthlydepending on the results of initial monitoring period. • A detailed description of the water quality and water level monitoring procedures and schedule. Water quality and water level monitoring shall coincide with wildlife monitoring to provide a basis for comparative analysis. • A description of wildlife exclusion/deterrent technologies andadaptive management strategies. Technologies shall include, butare not limited to netting, and shall not disturb or harass non-target wildlife adjacent to the project area. • Triggers for adaptive management (i.e., modifications to existing technology or replacement with new technology). Adaptivemanagement shall be necessary if: 1) more than one dead bird perquarter is discovered at the evaporation ponds; or 2) one special status animal is discovered at the evaporation ponds; or 3) noise levels attributable to the technology exceed 60 dB at the HarperLake ACEC wetlands. After	provide the CPM, USFWS, RWQCB, and CDFG with the final version of the Plan that has been reviewed and approved by the CPM in consultation with USFWS, RWQCB, and CDFG. The Project owner shall first submit a draft plan to the CPM that incorporates the guidance in this condition. The CPM, in coordination with USFWS, RWQCB, and CDFG, shall provide written comments to the Project owner within 30 days of receipt of the draft plan and shall determine the acceptability of the final plan within 15 days of its receipt. All modifications to the approved Plan may be made by the CPM after consultation with USFWS, RWQCB, and CDFG. The Project owner shall notify the CPM no less than five working days before implementing any CPM-approved modifications to the Evaporation Pond Plan.		to operation of the evaporation ponds. Monthly reports for the first year and quarterly thereafter.	Evaporation Pond Monitoring Plan and Adaptive Management Plan.	

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-19 (cont.)	three failed attempts at new technology or modification of existing technology, the ponds shall be netted; • Reporting requirements, to include monthly reporting for the first year if a technology other than netting is used. Reporting may be reduced to monthly or quarterly thereafter if no bird or wildlife deaths are reported during the first year. If wildlife mortality occurs at the ponds or if birds are disturbed at the marsh as described above, the CPM shall be notified within 10 days of the incident and the accompanying adaptive management action to be implemented.					
BIO-20	**HARPER DRY LAKE MARSH WATER DELIVERY.** To ensure continuity of water delivery to the Harper Dry Lake ACEC, the project owner shall not decommission the existing well on Mojave Solar, LLC-owned property that currently serves the Harper Dry Lake marsh (wetland well) until an alternate well is able to effectively convey a minimum or 75 acre-feet per year to the Harper Dry Lake marsh.	At least 15 days prior to decommissioning the wetland well, the Project owner shall provide proof, to the satisfaction of the CPM, that the alternate well is completed and able to effectively convey a minimum of 75 acre feet per year to the Harper Dry Lake marsh. Proof shall include, but not be limited to, a description of the well parameters, as constructed.	Project Owner	At least 15 days prior to decommissioning.	Not started.	None.
BIO 21	**USFWS BIOLOGICAL OPINION.** The project owner shall provide a copy of the Biological Opinion per Section 7 to the federal Endangered Species Act written by the USFWS in consultation with the U.S. Department of Energy. The terms and conditions contained in the Biological Opinion shall be incorporated into the project BRMIMP and implemented by the project owner.	For the Biological Opinion to effectively provide guidance on pre-construction actions for listed species (e.g., desert tortoise clearance surveys and translocation), the Project owner shall submit to the CPM a copy of the USFWS's Biological Opinion at least 45 days prior to the start of any pre-	Project Owner	At least 45 days prior to the start of any pre-construction site mobilization.	Complete.	The draft Biological Opinion (BO) was issued on March 2, 2011. The final BO was issued on March 17, 2011. The BO was activated by the Department of Energy at the end of August 2011, and a letter was received from the Department of Energy on September 1, 2011.

Condition ID	Description of Requirement	Verification	Responsible Party	Due Date	Status as of May 31, 2012	Notes
BIO-21 (cont.)		construction site mobilization. At this time the Project owner shall also verify that the permit terms and conditions of the Biological Opinion are incorporated into the BRMIMP and will be implemented.				

REFERENCES

AECOM. 2011. Mojave Solar Project Burrowing Owl Monitoring and Mitigation Plan. March.

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California Department of Fish and Game (CDFG). 1995. Staff Report on Burrowing Owl Mitigation. Unpublished report.

California Department of Food and Agricultural (CDFA). 2009. *Weed Ratings; Action Oriented Rating System Purpose.* Agricultural Commissioners of California's Counties. Sacramento, CA.

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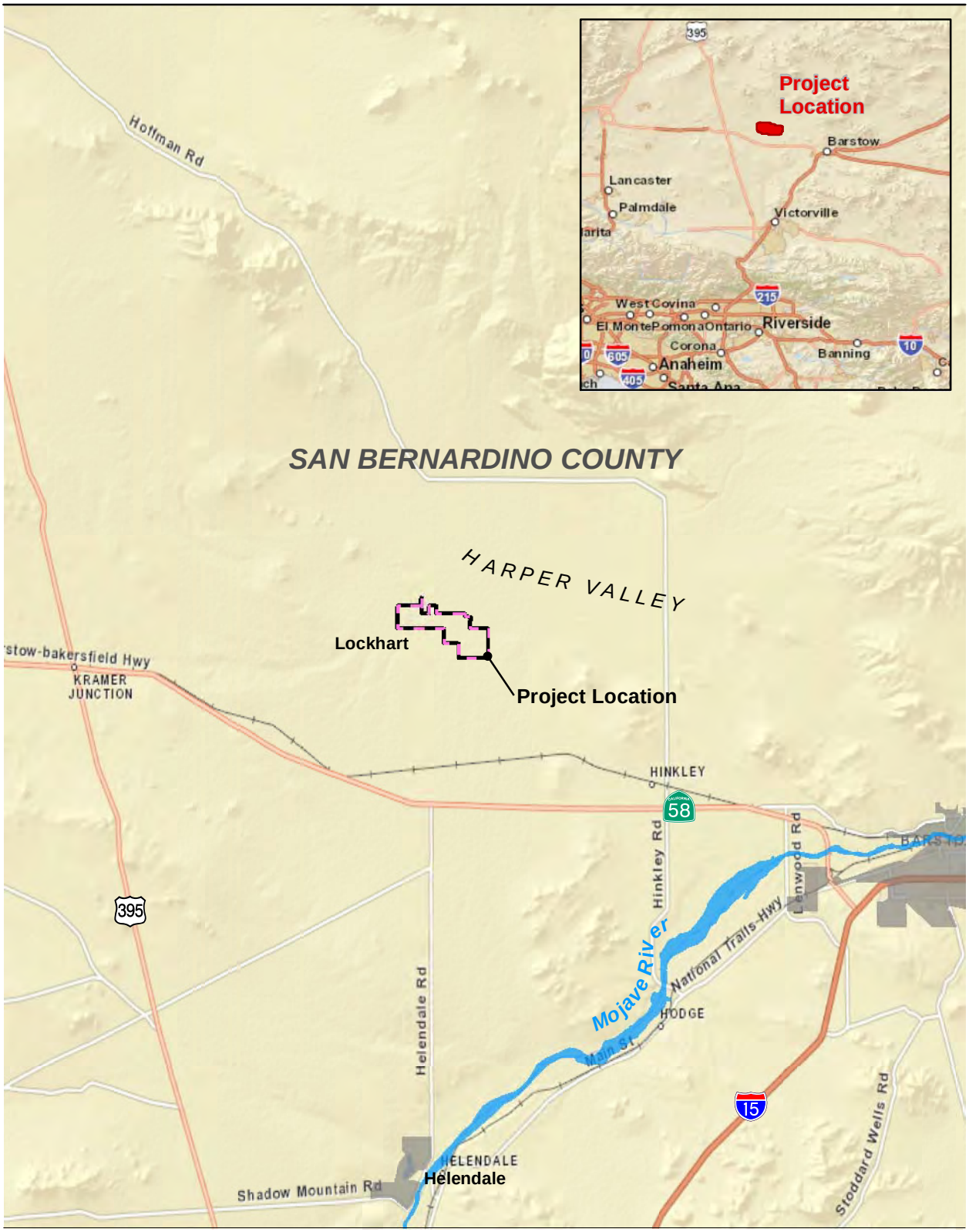
United States Fish and Wildlife Service (USFWS). 2009. Desert Tortoise Field Manual. December. Available at www.fws.gov/ventura/speciesinfo/protocols_guidelines.

ATTACHMENT 1
FIGURES



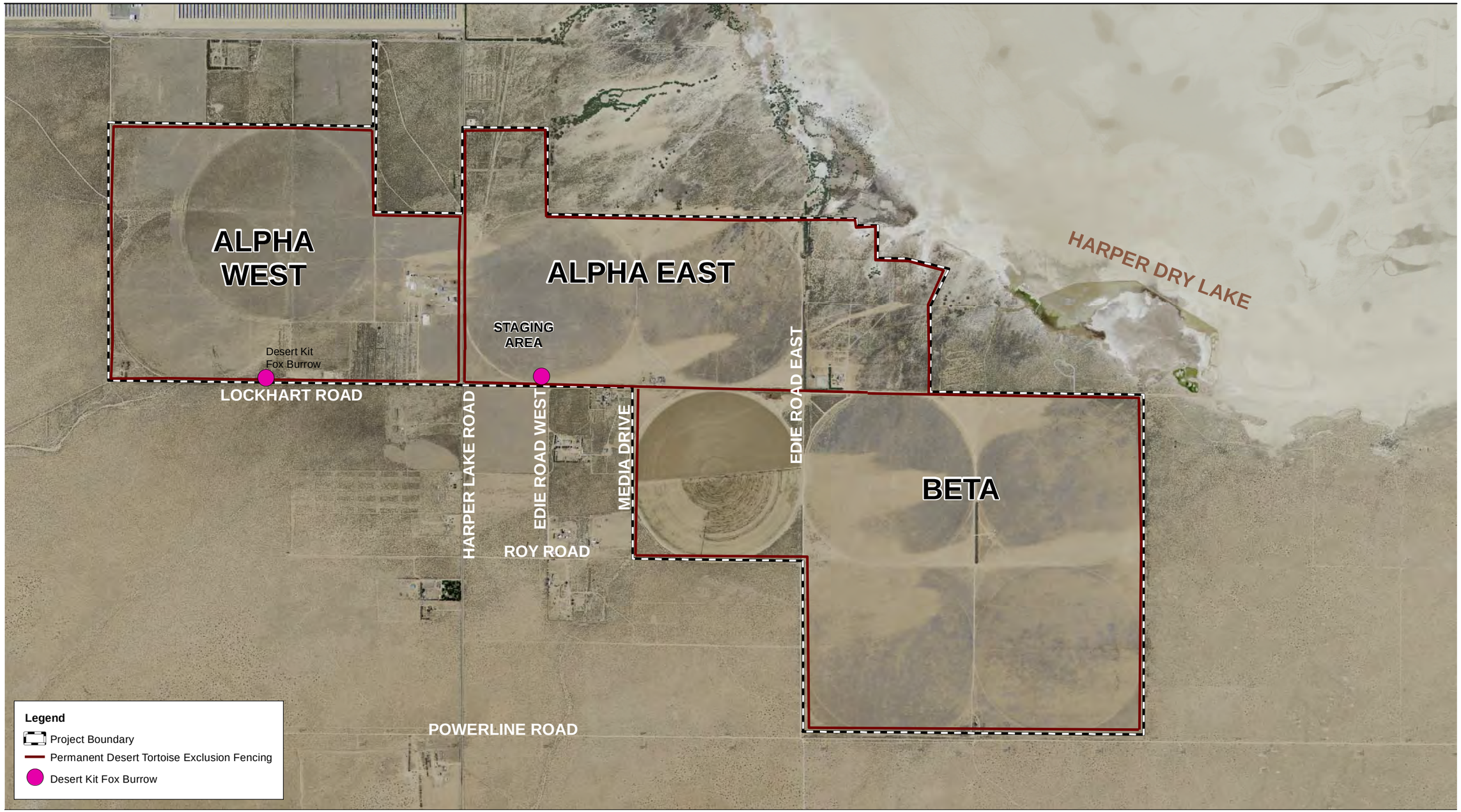
Source: Mojave Solar, LLC 2011; ESRI 2010

5 2.5 0 5 Miles

Scale: 1 = 316,800; 1 inch = 5 mile(s)

Figure 1
Regional Map

Path: P:\2008\08080191 DO NOT USE Go to 60249161\6.0 GIS\6.2 Project Directory\6.2.5 Layout\Compliance\fig1_RegionalMap.mxd, 6/11/2012, janssenn



Source: NAIP 2010; Mojave Solar, LLC 2011; AECOM 2011

1,500 750 0 1,500 Feet

Scale:1 = 18,000; 1 inch = 1,500 feet

Figure 2
Current Status of Potential Sensitive Species on MSP
(as of May 31, 2012)

Path: P:\2008\08080191 DO NOT USE Go to 60249161\6.0 GIS\6.2 Project Directory\6.2.5 Layout\Compliance\MCR\PotentialBurrows20120611.mxd, 6/11/2012, janssenn

ATTACHMENT 2
LIST OF AGENCY-APPROVED BIOLOGISTS

Mojave Solar Project Agency-Approved Biologists as of October 31, 2011

	CEC				CDFG				USFWS	
	BM		DB		BM		DB		AB	
Biologist	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**
Andreano, Paul	3/11/2011	DT, WBO, birds			3/11/2011	submitted				
Asmus, Kristin	8/17/2011	KF, WBO, AB, birds								
Barratt, John	3/11/2011	DT			3/11/2011	submitted			3/11/2011	DT
Betzler, Joey	3/11/2011	DT			3/11/2011	submitted				
Bise, David	8/17/2011	KF, WBO, AB, birds								
Bloom, Pete	1/7/2011	GOEA,WBO,birds			1/7/2011	submitted				
Boisvert, Sally	3/30/2011	DT Clr.			3/30/2011	submitted			3/30/2011	DT
Brown, Alex	6/6/2011	MGS			6/6/2011	MGS			6/6/2011	MGS pending
Brown, Rocky	1/7/2011	WBO,KF,AB,DT			1/7/2011	submitted				
Buffington, Jim	3/11/2011	DT			3/11/2011	submitted			3/11/2011	not approved
Charlton, David	1/9/2012									
Conohan, Robert	1/7/2011	KF, WBO, AB, birds			1/7/2011	submitted				
Copeland, Donald	1/9/2012									
Currylow, Andrea	3/11/2011	DT Clr.			3/11/2011	submitted			3/30/2011	DT
Davenport, Arthur	3/11/2011	DT, WBO, birds			3/11/2011	submitted			3/11/2011	DT
Dayman, Shelly	1/7/2011	AB,KF,WBO,DT			1/7/2011	submitted			1/7/2011	not approved
Demetropoulos, Carl	8/17/2011	KF, WBO, AB, birds								
Donnan, Bill	3/30/2011	DT - CM only			3/30/2011	submitted			3/30/2011	not approved for DT

Mojave Solar Project Agency-Approved Biologists as of October 31, 2011

	CEC				CDFG				USFWS	
	BM		DB		BM		DB		AB	
Biologist	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**
Fisher, Andrew	1/7/2011	GOEA,WBO,birds			1/7/2011	submitted				
Furman, Cynthia	3/30/2011	DT Clr.			3/30/2011	submitted			3/30/2011	DT
German, Charles	3/11/2011	DT, WBO			3/11/2011	submitted			3/11/2011	Need to submit Resume and DT form
Germann, Donna	and 3/11/2011	WBO, DT, birds			1/7/2011	submitted			1/7/2011	Need to submit DT Form
Germany, Vick	8/17/2011	KF, WBO, AB, birds								
Green, Erich	3/11/2011	DT Clr.	3/11/2011 (Alt DB)	submitted	3/11/2011	submitted	3/11/2011 (Alt DB)	submitted	3/11/2011	DT
Harbin-Ireland, Angie	1/7/2011	AB,KF, WBO, birds			1/7/2011	submitted				
Hart, John Brooks	3/11/2011	DT, KF, WBO, birds	3/11/2011 (Alt DB)	submitted	3/11/2011	submitted	3/11/2011 (Alt DB)	submitted	3/11/2011	DT
Hatch, Andrew	8/17/2011	KF, WBO, AB, birds								
Hasskamp, M.A.	3/11/2011	DT, WBO, KF			3/11/2011	submitted			3/11/2011	DT
Hasskamp, William	3/11/2011	DT, WBO, KF			3/11/2011	submitted			3/11/2011	DT
Hermansens, Ted	8/17/2011	KF, WBO, AB, birds								
Hill, Holly	8/17/2011	KF, WBO, AB, birds								
Hinderlie, Danna			1/7/2011	Alt DB-All			1/7/2011	submitted	1/7/2011	DT
Huang, Joseph	8/17/2011	KF, WBO, AB, birds								
Ireland, Mike	1/7/2011	AB,KF, WBO, birds			1/7/2011	submitted				

Mojave Solar Project Agency-Approved Biologists as of October 31, 2011

	CEC				CDFG				USFWS	
	BM		DB		BM		DB		AB	
Biologist	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**
Jones, Charlie	3/11/2011	DT Clr.	3/11/2011 (Alt DB)	submitted			3/11/2011 (Alt DB)	submitted	3/11/2011	DT
Kedziora, Matt	1/7/2011	WBO, KF, AB			1/7/2011	submitted				
Keyes, George Jr.	3/11/2011	DT			3/11/2011	submitted			1/11/2011	DT
Knowles, Craig	3/11/2011	DT Clr.	1/20/2011	Alt DB-All			1/20/2011	submitted	1/20/2011	DT
LaCoste, Erik	1/7/2011	WBO, birds, DT	1/7/2011		1/7/2011	submitted	1/7/2011	submitted		
Leitner, Phil			1/7/2011	Lead DB (MGS)			1/7/2011	Lead MGS		
Lukasek, Gregg	3/11/2011	DT, KF, AB, WBO			3/11/2011	submitted			3/11/2011	not approved
Malle, Matthew	3/11/2011	DT, WBO, birds			3/11/2011	submitted				
Mengistu, Tsegaye	8/17/2011	DT, KF, AB, WBO	8/30/2011	Alt DB-All					8/30/2011	pending
McGuire, Raphael	3/30/2011	DT Clr.			3/30/2011	submitted			3/30/2011	DT
McMorran, Jimmy	1/7/2011	WBO, birds			1/7/2011	submitted				
Mulrooney, Brennan	3/11/2011	WBO, birds			3/11/2011	submitted				
Newman, Andrew	3/27/2012				3/29/2012	submitted				
Pagliughi, Stephen	8/17/2011	KF, WBO, AB, birds								
Poole, Tina	3/11/2011	DT			3/11/2011	submitted			3/11/2011	DT
Romero, Ray			8/30/2011	Alt DB-All					8/30/2011	pending
Rathbun, Mike	3/11/2011	DT, WBO, birds			3/11/2011	submitted			3/11/2011	not approved
Rios, Elina	8/22/2011	DT- CM only			8/22/2011	submitted				
Rivera, Milo	3/11/2011	DT, WBO			3/11/2011	submitted			3/11/2011	DT
Role, Abraham	3/11/2011	DT Clr.			3/11/2011	submitted			3/11/2011	DT

Mojave Solar Project Agency-Approved Biologists as of October 31, 2011

	CEC				CDFG				USFWS	
	BM		DB		BM		DB		AB	
Biologist	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**	**Submitted**	**Approved**
Roth, Julie	8/17/2011	KF, WBO, AB, birds								
Scanlon, Chris	3/11/2011	DT Clr.			3/11/2011	submitted			3/11/2011	DT
See, Gretchen	3/11/2011	DT Clr.			3/11/2011	submitted			3/11/2011	DT
Skousen, Tim	3/11/2011	DT Clr.			3/11/2011	submitted			3/11/2011	DT
Terry, Dana	3/7/2011	WBO, birds, DT			1/7/2011	submitted				
Verge, Joseph	3/11/2011	DT Clr.			3/11/2011	submitted			3/11/2011	DT
Vogler, Wayne	3/11/2011	DT Clr.			3/11/2011	submitted				
Walker, Ron	6/29/2011	DT, KF, AB, birds, WBO								
Walker, Tracy	8/17/2011	KF, WBO, AB, birds								
Wood, Peggy			1/7/2011	Lead DB-All			1/7/2011	submitted	1/7/2011	DT
Woodard, Rachel	3/11/2011	DT Clr.			3/11/2011	submitted			3/11/2011	DT
Wunderlich, Veronica	1/7/2011	AB, KF, WBO, birds			1/7/2011	submitted				

Legend:

USFWS=US Forest & Wildlife Service
CEC= CA Energy Commission
CDFG=CA Dept. Fish and Game

MGS=Mojave Ground Squirrel
WBO=Western Burrowing Owl
Clr. = Clearance Surveys
T=Transmittering

AB=Authorized Biologist
DB=Designated Biologist
CM=Construction Monitor
H=Handling

AB=American Badger
GOEA=Golden Eagle
KF=Kit Fox
DT=Desert tortoise

ATTACHMENT 3
WEAP TRAINING SIGN-IN SHEETS

MAY

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Eric Rios	TBYMA MAB Foreman	Eric Rios
2.	Nicolis Gallo	AEPC / Project S-Director	N Gallo
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/1/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Will Meade	Environmental Intelligence (EI)	
2.	XAVIER BURRIS	BIG SKY ELECTRIC	
3.	Genero Montoyz	Comorigo Concrete	
4.	CARL Bennett	LSA	
5.	Dan Jackson	Cambridge Concrete	
6.	Jeremiah N. George	Biologist / Environmental Intelligence	
7.	Barrett Sourlock	Biologist / Environmental Intelligence	
8.	Susan Williams	bio / EI	
9.	Amy Anderson	Biologist / EI	
10.	Manuel Rodriguez	Straight line	
11.	Anthony GENERETTE	STRAIGHT LINE	
12.	Jennifer Kurby	RBF Consulting	
13.	Aaron Abeita	LSA	
14.	ROBERT PORTER	LAYNE OPERAT.	
15.	Candice Davis	Securitas	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/2/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Daniel Boubton	Big Sky Elect.	[illegible]
2.	Jamin Britt	Big Sky Elec.	[illegible]
3.	Juan Tovar	Milco	[illegible]
4.	Sean Lichtwald	Milco	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/3/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	ANTONIO ADELANTADO	ENGINEER / ABENGOASOLAR	[illegible]
2.	Tim Perdew	Supt. / Bomel	[illegible]
3.	Juan Lemus	Carpenter / Bomel	[illegible]
4.	JUAN JESÚS SERRANO	ENGINEER / ABENGOASOLAR	[illegible]
5.	JESUS ENRIQUE RUIZ GARCIA	ENGINEER / ABENGOASOLAR	[illegible]
6.	MANUEL LEON MARTINEZ	ENGINEER / ABENGOA SOLAR	[illegible]
7.	Enrique Astorga	Layne Christensen	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/4/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Jeff Fruit	Bmoe	
2.	Ronny Roberts	Bmoe	
3.	Mitch Fajardo	MILCO	
4.	Ray Nolan	BOMEL	
5.	CESAR Rodriguez	MILCO	
6.	JESSE ESTRADA	DISPATCH	
7.	Steven Venzor	MILCO	
8.	Bruce Hardegree	MILCO	Bruce Hardegree
9.	Ruben Rodriguez	MILCO	Ruben Rodriguez
10.	RICHARD ORTEGA	MILCO.	
11.	Tony Forret	MILCO.	Tony Forret
12.	JUAN LOPEZ	PTI	
13.	Enrique Felix	Miller EQ	
14.	RAFAEL JARAMILLO	MILCO	Rafael Jaramillo
15.	Edwin Cisneros	MILCO	
16.	Gabriel Lerros	BOMEL	
17.	Salvador Briseño	Carpenter / BOMEL	Salvador Briseño
18.	CHRIS J. SCULLION	SUPER / BOMEL	
19.	Gunnar Hutchinson	Parkab	
20.	Orvis Chee	LAYNE / Co	Orvis Chee
21.	ALLEN OTTO	Straight Line Construction	Allen Otto
22.	Anthony Otto	Straight Line Con	Anthony Otto
23.	Faustino Larios	Straight Line Con	
24.	STEVE GALLEGOS	MILCO	
25.	JIMMY GUTIERREZ	MILCO	
26.	MARC SETSER	MILLER	Marc Setser
27.	RODNEY J. BAUCUM	MILCO	R.J. Baucum
28.	Efrain Reza	Sukut Con	
29.	Gabriel Morales	SUKUT	Gabriel Morales
30.	Ramon Perez	Sukut Construction	Ramon Perez

Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/7/12

Cultural Trainer: _____ Signature: _____ Date: __/__/__

Paleo Trainer: _____ Signature: _____ Date: __/__/__

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Gary Tilander	Suket	
2.	Ron warhurst	Suket	
3.	ANTHONY HURTADO	TEYMA	
4.	RICHARD TAEGE	SUKET	
5.	Darren Whitson	Sukut	
6.	Kevin Browder	Sukut	
7.	Amos Wilson	Layne	
8.	Matt Shyder	Hydraulic Crew	
9.	Tom Dews	Miller-Sukut	
10.	EIMON RAOOF	SZ ENVIRONMENTAL INTELLIGENCE	
11.	BRADLY HUTH	HARRIS REBAR	
12.	SCOTT LINDSTROM	S2 Safety 1st	
13.	Paul Nelson	Fine Grade/Sukut	
14.	Robert Ecker	Vernes Plumbing	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/8/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	MICHAEL KLEIN	KAUFMAN PLUMBING	[illegible]
2.	Kurt Walde	Kaufman " "	[illegible]
3.	DANIEL GARCIA	MILCO CONST.	DANIEL GARCIA
4.	LUIS RIVAS	" "	[illegible]
5.	Roy R. GONZALES	STRAIGHT LINE CONT.	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/9/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	MARVIN DELOON	STRAIGHTLINE	
2.	Mitch McPherson	Miller	
3.	GINA NESS	PSOMAS	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/10/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	PATRICIA GARCIA	CMC ENG. / TEYMA	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/11/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Todd Westphal	Southwest Gas	
2.	Jose Vasquez	Arizona pipeline	
3.	Rodolfo Echiveste	Enviro Con, cont.	Rodolfo Echiveste
4.	Miguel Leyva	Enviro Con Cont inc	Miguel Leyva
5.	Jose G Lopez	Enviro con Cont	Jose G Lopez
6.	Donald Ray DJ	Miller Eq.	
7.	Douglas R. Childers	Big Sky Elect	
8.	James Paul O'Brien	Mileo	
9.	Edmundo Lopez	Mileo	
10.	Elias Nouijaim	Big Sky Elect	
11.	Jason Tracy	Miller Eq. Co.	
12.	Welbin Guevara	Enviro con cont. inc	
13.	Joe Wendt	Miller Eq	
14.	Reynaldo Villa	LNA	
15.	Jovanel Luna	LNA	
16.	Raul Jimenez	LNA	
17.	Dario Villalobos	LNA	
18.	Johnathon Hunderick	Straight Line	
19.	Benjamin Lopez	Straight Line	
20.	Marin Alonzo	Straight line	
21.	Darrick King	Foreman Arizona pipe	
22.	Mario Sesma	SWG	
23.	Mathew Baca	Arizonia Pipe Line	
24.	Zachary Zierch	APL Arizona pipeline	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/14/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Dustin Shupe	Straightline	
2.	Juan Samanicgo	TEYMA USA	
3.	Germaine Dominguez	Teyma USA	
4.	Darrick King		
5.	Dennis Windust	Southwest Gas Co	Dennis Windust
6.	Zachary Zieran	APL	
7.	Richard Armstrong	Miller Equipment inc	
8.	Jim Reshusk	So Cal Edison	
9.	Terry Chuning	Straight Line	Terry J. Chuning
10.	Biz Cowan	Sukut Const	
11.	Dan Bergen	Amber Steel	
12.	John Stroup	Amber Steel	
13.	Joe Rios	Amber Steel	
14.	Kevin Meade	Tre Fab Pipeline	
15.	Marty Garcia	Mechanic/Sukut	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/15/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Danie Bardt	Pre-Fab Iron Worker	[illegible]
2.	Michael Leone	Pre-FAB Builders	Michael Leone
3.	Eddie Alfaro	Pre-Fab	Eddie Alfaro
4.	Robert F. Hilburn	LSA	Robert F. Hilburn
5.	MYRON BENALLY	LSA	Myron Benally
6.	Charles Lunk	SCE	[illegible]
7.	FRED LANGE	LSA/SCE	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/16/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Fanny Morales	LNA	[illegible]
2.	Arnold Ramirez	LNA	[illegible]
3.	JESUS LARIOS C	POMEL	[illegible]
4.	Phillip Codd	Straight Line	[illegible]
5.	Paul Corranza	PRE-FAB	[illegible]
6.	JESSE McDONALD	MILLER	[illegible]
7.	Keith Widney	SUKUT	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/17/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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No.	Employee Name	Title/Company	Signature
1.	Brad Robinson	Arizona Pipeline	[illegible]
2.	Al Harral	Miller Equip	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/18/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Chuck Buckson	Paso Robles-RSH	
2.	Tyler Kutsch	Arizona Pipeline	
3.	John M. Rodriguez	Az pipeline Co.	
4.	Mark Henderson	SCE	
5.	Paul Viera	Arizona Pipeline	
6.	Justin Curtis	Arizona Pipeline	
7.	Richard Newman	Hi Grade Mat.	
8.	Eric Olson	TDW Services	
9.	Erik Stuhaan	SCE	
10.	John Cross	SCE	
11.	Travis Gray	SCE	
12.	Chad Crane	SCE	
13.	Mark Vasquez	Teyma	
14.	James Elby	Milco	
15.	Enrique Mejia	Milco	
16.	Brian Goss	SCE	
17.	Mike Iron Shell	Strait Line	
18.	Doren Potter	Fine Grade	
19.	Genaro Conde	L.N.A.	
20.	Jose J Barra Cruz	L.N.A	
21.	Mike Sanders	L.N.A	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/21/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Daniel Mitchell	TO Williamson	[illegible]
2.	William Tafoya	RSH/Labor	[illegible]
3.	Tim Walls SR	Supervisor/RSH	[illegible]
4.	WAYNE STICKELS	RSH / PRT	[illegible]
5.	LOUIS RODRIGUEZ	DAVIS LABS	[illegible]
6.	JASON SHUMSKI	DAVIS LABS	[illegible]
7.	MARTIN TIERRA	TEYMA	[illegible]
8.	JAMES SOTELO	WEIDER / LANE	[illegible]
9.	Cheryl Jones	Teyma/Buyer	[illegible]
10.	Janina Nettlau	Abengoa Solar	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/27/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	John Magana	MILCO	
2.	Jared Fritz	Abengoa Solar	
3.	Deana Wolken	Psomas	
4.	Dan Tharp	Pre fab builders	
5.	GREGG T. MENDENHALL	PRE-FAB BUILDERS	
6.	GARY GOODWIN	MILLER EQ	
7.	RODNEY BAKER	MILLER EQUIPT.	
8.	KENNETH BAKER	MILLER EQUIPT	
9.	CHAZ OLIVERA	MILCO	
10.	Daniel S. Garcia	MILCO	
11.	Larry Coleman	MILCO	
12.	MARTIN VARGAS	MILCO	
13.	Kevin Levoteaux	MILCO	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/23/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Kevin C Green	NCM	
2.	Eric Jenkins	Pre-Fab	
3.	Sean Desmond	Milco	
4.	Frank Jacquez	Milco	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/24/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Peter Jones	DeYoung Power	PAJ
2.	Brian Bisher	DeYoung Power	[illegible]
3.	EDDIE HUMPHREY	MILLER EQUIP	[illegible]
4.	Robert Harris	MILLER EQUIP	[illegible]
5.	DANIEL HALTERMAN	MILLER EQUIP.	[illegible]
6.	BRANDON GILL	Ironworker / Pedra	[illegible]
7.	Anthony Kenny	DAVIS LABS	[illegible]
8.	Andrew Walls	Paso Robles	[illegible]
9.	Tim Walls JR	Paso Robles	[illegible]
10.	MARK MARTIN	Superintendent Cast	[illegible]
11.	Jerry Triplett	SUKUT	[illegible]
12.	Darrin Krueger	SWG	[illegible]
13.	Vaughn Schmidt	Arizona Pipeline	[illegible]
14.	Arthur L. Romero	Arizona Pipeline	[illegible]
15.	Trinidad V Pulido	GNH concrete	[illegible]
16.	Hollis Mills	DE YOUNG	[illegible]
17.	Gerardo Pelaez	Milco	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/29/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Norman Preiss	Foreman / BigSky	Norman Preiss
2.	Mauricio Penaloza	Teyma	
3.	DENNIS J. HRUBY	STRIGHT LINE	Dennis J. Hruby
4.	Victor Alejandro Tolere	Stright Line	
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/30/12

Cultural Trainer: _____ Signature: _____ Date: __/__/__

Paleo Trainer: _____ Signature: _____ Date: __/__/__

Certification of Completion
Worker Environmental Awareness Program
Mojave Solar Project (09-AFC-5)

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

No.	Employee Name	Title/Company	Signature
1.	Rick Anderson	Ironworker/Prefab	[illegible]
2.	JOHN GAYNOR	STRAIT LINE	John Gaynor
3.	Martin Anderson	Paso Robles	[illegible]
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Biological Trainer: Peggy Wood Signature: Peggy Wood Date: 5/31/12

Cultural Trainer: _____ Signature: _____ Date: ___/___/___

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

ATTACHMENT 4
ELECTRONIC DATA COLLECTION:
WEATHER DATA, ACTIVITY LOG FOR BIOLOGICAL COMPLIANCE MONITORING, GENERAL BIOLOGICAL MONITORING LOG, AND RAVEN OBSERVATIONS

Electronic Data Collected at Mojave Solar for 5/1/2012 through 5/31/2012 (no datasheets for this data)

WEATHER DATA

Date	Project	Survey Type	Specific Location	Rainfall?	Start Time	Start Temp (°F)	Start % Cloud Cover	Midday Time	Midday Temp (°F)	Midday % Cloud Cover	End Time	End Temp (°F)	End % Cloud Cover
5/1/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	58	55	12:15 PM	72	45	4:50 PM	78	35
5/1/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	70	0	12:00 PM	85	0	2:01 PM	90	0
5/1/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	66	80	12:00 PM	84	5	4:00 PM	86	15
5/1/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 PM	67	0	2:03 PM	89	40	2:03 PM	88	40
5/2/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	56	5	12:14 PM	76	5	5:05 PM	81	5
5/2/2012	Mojave Solar	Compliance Monitoring	Alpha East and Alpha West	No	7:00 AM	70	0	12:13 PM	80	0	3:48 PM	90	0
5/2/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	64	60	12:00 PM	76	15	4:15 PM	84	15
5/3/2012	Mojave Solar	Compliance Monitoring	Beta	No	5:10 AM	52	0	12:03 PM	72	5	4:22 PM	76	5
5/3/2012	Mojave Solar	Compliance Monitoring	Beta	No	6:30 AM	52	0	12:00 PM	78	0	5:08 PM	79	0
5/3/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	64	30	12:00 PM	89	10	5:10 PM	90	0
5/3/2012	Mojave Solar	Compliance Monitoring	Beta	No	8:00 AM	78	0	12:00 PM	80	0	4:53 PM	89	0
5/4/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	58	0	12:20 PM	79	5	5:02 PM	82	10
5/4/2012	Mojave Solar	Compliance Monitoring	Beta	No	6:30 AM	50	0	12:00 PM	70	0	5:00 PM	79	0
5/4/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	73	0	12:04 PM	85	0	3:30 PM	86	0
5/7/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:12 AM	55	0	12:12 PM	75	0	4:10 PM	86	0
5/7/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	7:00 AM	70	0	12:18 PM	89	0	3:02 PM	90	0
5/7/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	57	18	12:00 PM	40	8	5:00 PM	86	20

Date	Project	Survey Type	Specific Location	Rainfall?	Start Time	Start Temp (°F)	Start % Cloud Cover	Midday Time	Midday Temp (°F)	Midday % Cloud Cover	End Time	End Temp (°F)	End % Cloud Cover
5/8/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	5:10 AM	52	0	12:56 PM	84	0	5:50 PM	82	2
5/8/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:00 AM	59	0	12:00 PM	101	3	6:10 PM	93	1
5/8/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	7:00 AM	64	5	?	?	?	?	?	?
5/8/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	60	0	12:00 PM	90	0	5:09 PM	92	0
5/9/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	54	0	12:44 PM	86	0	5:12 PM	95	2
5/9/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:30 AM	66	0	12:30 PM	102	0	4:50 PM	98	0
5/9/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	63	0	12:00 PM	89	0	5:00 PM	94	0
5/9/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	75	0	12:00 PM	90	0	4:30 PM	95	0
5/10/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	55	0	12:12 PM	87	2	4:02 PM	93	2
5/10/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	7:00 AM	66	0	12:00 PM	91	0	2:00 PM	93	0
5/10/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	78	0	12:00 PM	90	0	2:00 PM	90	0
5/10/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	69	0	1:13 PM	100	0	1:15 PM	100	100
5/11/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	59	0	12:14 AM	92	0	8:34 PM	90	2
5/11/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	80	0	12:00 PM	90	0	4:37 PM	92	0
5/11/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	66	0	1:00 PM	101	0	5:15 PM	96	0
5/14/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	56	0	12:15 PM	86	0	6:07 PM	93	0
5/14/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	6:25 AM	70	0	6:50 AM	0	0	6:49 AM	0	0
5/14/2012	Mojave Solar	Compliance Monitoring	Beta	No	6:30 AM	69	0	1:19 PM	101	0	6:15 PM	98	0
5/14/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	62	0	12:00 PM	91	0	5:00 PM	95	0

Date	Project	Survey Type	Specific Location	Rainfall?	Start Time	Start Temp (°F)	Start % Cloud Cover	Midday Time	Midday Temp (°F)	Midday % Cloud Cover	End Time	End Temp (°F)	End % Cloud Cover
5/15/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:10 AM	57	0	12:21 PM	84	0	7:07 PM	91	0
5/15/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:30 AM	69	0	12:00 PM	100	0	6:30 PM	95	0
5/15/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	7:00 AM	70	0	12:00 PM	90	0	5:37 PM	93	0
5/15/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	62	0	12:01 PM	92	0	5:30 PM	97	0
5/15/2012	testing	Compliance Monitoring	Beta	No	9:30 AM	56	56	9:36 AM	45	45	9:36 AM	56	4
5/16/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	4:30 AM	50	0	12:00 PM	94	0	5:30 PM	100	0
5/16/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:04 AM	58	0	12:30 PM	86	0	6:05 PM	94	0
5/16/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:30 AM	60	0	10:59 AM	85	0	10:59 AM	85	0
5/16/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:30 AM	68	0	12:00 PM	102	0	7:00 PM	98	0
5/16/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	63	0	12:03 PM	92	0	5:30 PM	98	0
5/17/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	3:00 AM	100	0	3:30 PM	100	0	4:15 AM	97	0
5/17/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	4:45 AM	57	0	12:00 PM	99	0	4:31 PM	100	0
5/17/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:06 AM	72	10	12:00 PM	92	5	4:25 PM	94	10
5/17/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	6:30 AM	75	0	12:00 PM	95	0	4:02 PM	97	0
5/17/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:50 AM	68	10	12:17 PM	100	0	4:00 PM	98	0
5/18/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:05 AM	59	0	12:15 PM	74	5	5:00 PM	0	0
5/18/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	5:29 AM	58	0	12:00 PM	97	0	4:45 PM	93	0
5/18/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	6:30 AM	70	0	12:26 PM	91	0	5:30 PM	91	3
5/18/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:45 AM	65	0	12:00 PM	100	0	6:25 PM	89	0

Date	Project	Survey Type	Specific Location	Rainfall?	Start Time	Start Temp (°F)	Start % Cloud Cover	Midday Time	Midday Temp (°F)	Midday % Cloud Cover	End Time	End Temp (°F)	End % Cloud Cover
5/21/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:05 AM	60	5	12:29 PM	92	5	5:04 PM	98	0
5/21/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:45 AM	69	0	12:00 PM	98	0	5:45 PM	97	0
5/21/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	6:30 PM	60	0	12:09 PM	85	0	5:13 PM	94	0
5/22/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:05 AM	61	15	12:01 PM	89	5	5:06 PM	98	89
5/22/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	6:30 AM	75	0	12:00 PM	95	0	5:30 PM	99	0
5/22/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	69	20	12:00 PM	94	5	5:00 PM	97	0
5/22/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:40 PM	66	0	12:00 PM	102	0	5:30 PM	96	0
5/23/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	4:45 AM	57	5	12:00 PM	76	5	4:30 PM	86	10
5/23/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:02 AM	67	15	12:28 PM	91	10	4:27 PM	92	10
5/23/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	6:45 AM	70	3	12:00 PM	90	35	2:02 PM	93	35
5/23/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	68	20	12:00 PM	95	10	3:31 PM	98	5
5/23/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:45 PM	68	5	12:00 PM	95	20	4:15 PM	96	0
5/24/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	4:45 AM	59	0	12:00 PM	89	0	4:45 PM	86	0
5/24/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:05 AM	55	10	12:29 PM	84	10	5:29 PM	93	10
5/24/2012	Mojave Solar	Compliance Monitoring	Beta and Alphas	No	6:30 AM	70	0	12:00 PM	86	0	5:00 PM	85	0
5/24/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	66	0	12:00 PM	0	0	3:00 PM	0	0
5/25/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:02 AM	57	15	10:17 AM	68	25	12:57 PM	72	20
5/25/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	5:30 AM	47	0	11:23 AM	76	30	12:30 PM	71	35
5/25/2012	Mojave Solar	Compliance Monitoring	Beta	No	6:45 AM	62	0	12:00 PM	85	35	2:00 PM	88	40

Date	Project	Survey Type	Specific Location	Rainfall?	Start Time	Start Temp (°F)	Start % Cloud Cover	Midday Time	Midday Temp (°F)	Midday % Cloud Cover	End Time	End Temp (°F)	End % Cloud Cover
5/29/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:06 AM	58	0	12:29 PM	84	0	5:33 PM	96	0
5/29/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	62	0	12:00 PM	88	0	5:30 PM	90	0
5/29/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	75	0	12:00 PM	93	0	5:18 PM	95	0
5/30/2012	Mojave Solar	Compliance Monitoring	Alpha East	No	5:02 AM	61	0	12:22 PM	89	0	7:04 PM	85	0
5/30/2012	Mojave Solar	Compliance Monitoring	Beta	No	5:30 AM	80	0	12:00 PM	90	0	5:16 PM	94	0
5/30/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	7:00 AM	67	0	12:08 PM	88	0	5:30 PM	93	0
5/31/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	4:35 AM	62	0	12:08 PM	94	0	5:00 PM	103	0
5/31/2012	Mojave Solar	Compliance Monitoring	Alpha West	No	6:00 AM	68	0	12:00 PM	100	0	7:32 PM	96	0
5/31/2012	Mojave Solar	Compliance Monitoring	Beta	No	7:00 AM	69	0	10:00 AM	94	0	2:30 PM	99	0

ACTIVITY LOG FOR BIOLOGICAL COMPLIANCE MONITORING

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/1/2012	Mojave Solar	3:25:30 PM	Andrea Currylow	-	Alpha East	Excavation	Acceptable	Monitoring equipment and wildlife risk hazards
5/1/2012	Mojave Solar	7:00:00 AM	Holly Hill	-	Alpha West; Alpha East	Cut/fill	Notification	Monitor cut/fill - AW; monitor power pole installation at Lockhart Rd.; monitored excavator move from AW to Beta through DT fence; AW shut down for dust.
5/1/2012	Mojave Solar	6:50:00 AM	Peggy Wood	-	Alpha East	Meeting	Acceptable	Safety meeting, WEAP, construction meeting, communications, AW concrete pipe check, HLR patrol, Lockhart realignment needs, PDA clarification
5/1/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Beta	Meeting	Acceptable	Safety meeting
5/1/2012	Mojave Solar	7:15:00 AM	Ray Romero	-	Beta	Grading	Acceptable	Monitor bulldozers cutting access roads for scrapers and flood channel work.
5/1/2012	Mojave Solar	11:05:27 AM	Ray Romero	-	Beta	Cut/fill	Acceptable	Dozer building up truck ramp at water tank.
5/1/2012	Mojave Solar	4:00:00 PM	Ray Romero	-	Beta	Cut/fill	Acceptable	End of day
5/2/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Beta	Cut/fill	Acceptable	Monitoring compliance and wildlife hazards
5/2/2012	Mojave Solar	12:13:33 PM	Holly Hill	-	Beta; Alpha West; Alpha East	Cut/fill	Acceptable	monitor cut/fill in AW channel; monitor cut/fill for Lockhart Rd. Culvert installation; monitor dozer ripping in Beta east
5/2/2012	Mojave Solar	6:51:00 AM	Peggy Wood	-	Alpha West	Meeting	Acceptable	Safety meeting, WEAP, construction meeting, review MCR, AW fence inspection, HLR patrol, Beta fence inspect on, communications.
5/2/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Beta	Meeting	Acceptable	Safety meeting
5/2/2012	Mojave Solar	7:20:00 AM	Ray Romero	-	Beta	Excavation	Acceptable	monitor excavation
5/2/2012	Mojave Solar	1:05:00 PM	Ray Romero	-	Beta	Excavation	Acceptable	monitor excavation
5/2/2012	Mojave Solar	5:06:00 PM	Ray Romero	-	Beta	Excavation	Acceptable	End of day
5/3/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Beta	Cut/fill	Acceptable	Notified crew of/to remove standing water, water (standing) observed, water (standing) removed
5/3/2012	Mojave Solar	4:15:00 PM	Andrea Currylow	-	Beta	Excavation	Acceptable	Beta

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/3/2012	Mojave Solar	8:00:00 AM	Holly Hill	-	Beta	Excavation	Acceptable	Monitored excavators/truck haul. Relieved Ron Walker.
5/3/2012	Mojave Solar	6:10:00 AM	Peggy Wood	-	Alpha East	Meeting	Acceptable	Check fence lines for sand & trash, trash along beta. Notify Teyma. Safety meeting. WEAP. Construction meeting. Photo trash send off. Meet Teyma environmental engineer, he offers support for trash. CEC visit, update. Communications Julie.
5/3/2012	Mojave Solar	8:00:12 AM	Ron Walker	-	Beta	Excavation	Acceptable	Channel cut in beta
5/4/2012	Mojave Solar	7:00:00 PM	Andrea Currylow	-	Beta	Cut/fill	Acceptable	Monitored cut and fill operations for wildlife and wildlife risks
5/4/2012	Mojave Solar	12:57:32 PM	Holly Hill	-	Beta	Excavation	Acceptable	Monitored channel excavation SW Beta east.
5/4/2012	Mojave Solar	6:47:00 AM	Peggy Wood	-	Alpha East	Meeting	Acceptable	Safety meeting, WEAP, construction meeting, schedule DB & BM needs for next activities by Teyma, beta fence clearing, trash pickup, HLR patrol, communications, AE fence inspection, set up KF camera beside Lockhart Rd over weekend for grading activity.
5/4/2012	Mojave Solar	10:04:47 AM	Ron Walker	-	Beta	Excavation	Acceptable	None
5/7/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Beta	Cut/fill	Acceptable	Monitored operations for wildlife risks and hazards
5/7/2012	Mojave Solar	7:53:58 AM	Andrea Currylow	-	Beta	Other	Notification	water (standing) observed
5/7/2012	Mojave Solar	8:15:27 AM	Andrea Currylow	-	Beta	Other	Notification	Uncapped and un-raised piping.
5/7/2012	Mojave Solar	9:06:18 AM	Andrea Currylow	-	Beta	Other	Non-compliance Resolution	Water pipes moved without notification to a biologist to check for wildlife.
5/7/2012	Mojave Solar	10:04:47 AM	Holly Hill	-	Alpha East	DT Fencing	Acceptable	Attended Beta safety meeting; monitored roadway grading and DT fence installation at Media Rd.
5/7/2012	Mojave Solar	6:50:00 AM	Peggy Wood	-	Alpha West	Meeting	Acceptable	Safety meeting, WEAP, construction meeting, monitor SCG digging beside HLR to relocate station. Check camera, see KF pup, notify all. Notify ASI of AC pipe graded inside S AW fence, check 6 culvert install.
5/7/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Beta	Meeting	Acceptable	Safety meeting
5/7/2012	Mojave Solar	7:22:00 AM	Ray Romero	-	Beta	Excavation	Acceptable	monitor excavation
5/7/2012	Mojave Solar	5:30:00 PM	Ray Romero	-	Beta	Excavation	Acceptable	End of day

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/8/2012	Mojave Solar	6:00:00 AM	Andrea Currylow	-	Alpha West	Wildlife Survey	Acceptable	Desert tortoise pre-survey along south and west boundaries of alpha west for road diversion
5/8/2012	Mojave Solar	7:00:00 AM	Holly Hill	-	Beta	Cut/fill	Acceptable	Monitored cut/fill and spot checked excavators in Beta; checked irrigation lines for standing water.
5/8/2012	Mojave Solar	5:45:00 AM	Peggy Wood	-	Alpha West	DT clearance survey.	Acceptable	DT clearance survey along Lockhart from HLR 1 mile west, 1 mile north for grading on Wednesday. Construction meeting. HLR patrol.
5/8/2012	Mojave Solar	10:00:00 AM	Ray Romero	-	Alpha East	Drainage Work	Acceptable	Monitor culvert work
5/8/2012	Mojave Solar	11:00:00 AM	Ray Romero	-	Beta	Excavation	Acceptable	monitor excavation
5/8/2012	Mojave Solar	2:00:00 PM	Ray Romero	-	Alpha East	Drainage Work	Acceptable	Monitor culvert work
5/8/2012	Mojave Solar	5:30:00 PM	Ray Romero	-	Alpha East	Drainage Work	Acceptable	End of day
5/9/2012	Mojave Solar	6:30:00 AM	Andrea Currylow	-	Alpha West	Wildlife Survey	Acceptable	Finished 3rd pass of DT survey south of alpha west for road diversion.
5/9/2012	Mojave Solar	7:20:00 AM	Andrea Currylow	-	Alpha West	Grading	Acceptable	Monitor grader for road improvement/diversion along Lockhart Rd., south of alpha west.
5/9/2012	Mojave Solar	12:34:35 PM	Andrea Currylow	-	Alpha West	Excavation	Acceptable	Monitored fill of maintenance excavation along Harper Lake Rd.
5/9/2012	Mojave Solar	2:18:22 PM	Andrea Currylow	-	Alpha West	Road/Fence Patrol	Acceptable	Back to checking fence for breaks.
5/9/2012	Mojave Solar	11:15:00 PM	Andrea Currylow	-	Alpha West	Road/Fence Patrol	Notification	Checking alpha west fence - walking and looking for breaks. Ported one break for repair.
5/9/2012	Mojave Solar	7:14:47 AM	Holly Hill	-	Beta	Excavation	Acceptable	Monitor excavators SW Beta; check for standing water at irrigate. Emergency evacuation from Beta via south gate; monitored open gate while open; signage install on Lockhart Rd; DT fence repair.
5/9/2012	Mojave Solar	5:55:00 AM	Peggy Wood	-	Beta	Inspecting beta	Acceptable	Check beta fence. WEAP, construction meeting, emails & photos, S beta gate opened for exit due to emergency, monitoring fence lines AE till repaired, photo sorting.
5/9/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Beta	Meeting	Acceptable	Safety meeting
5/9/2012	Mojave Solar	7:23:00 AM	Ray Romero	-	Alpha West	Drainage Work	Acceptable	Monitor drainage work
5/9/2012	Mojave Solar	8:36:00 AM	Ray Romero	-	Alpha West	Remote cameras	Acceptable	Set up cameras. Inform staff and operators of DKF activity inside fence.

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/9/2012	Mojave Solar	2:48:00 PM	Ray Romero	-	Alpha West	Signage	Acceptable	Place signs along DKF buffer area.
5/9/2012	Mojave Solar	4:01:00 PM	Ray Romero	-	Alpha West	UST	Acceptable	Obtain cords for UST.
5/9/2012	Mojave Solar	5:00:00 PM	Ray Romero	-	Alpha West	Monitoring	Acceptable	End of day
5/10/2012	Mojave Solar	6:50:00 AM	Andrea Currylow	-	Beta	Excavation	Acceptable	Watching excavator operations for wildlife risks and hazards.
5/10/2012	Mojave Solar	11:10:00 PM	Andrea Currylow	-	Alpha West	Other	Not Applicable	Began to dig up and break into concrete pipes by hand to clear for kit fox; stopped when Trey said he'd organize the proper equipment to do so.
5/10/2012	Mojave Solar	7:00:00 AM	Holly Hill	-	Beta	Cut/fill	Acceptable	Monitored cut/fill; concrete demobilization; responded to and staked off env. Sens. Area where kit fox was observed entering a pipe den; worked on concrete pipe clearance on south end of AW channel. Stopped for equipment support.
5/10/2012	Mojave Solar	6:09:00 AM	Peggy Wood	-	Alpha East	Checking all	Acceptable	Check AE fence repair by SCE, good. Check KF cameras, see activity. WEAP. Construction meeting. Begin checking KF activities. Notified by sukut KF S-AE crossing to culvert, make new no disturbance zone. Begin opening pipe in AW, collapse vacant sections.
5/10/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Beta	Meeting	Acceptable	Safety meeting
5/10/2012	Mojave Solar	7:16:00 AM	Ray Romero	-	Alpha East	Drainage Work	Acceptable	Monitor drainage work
5/10/2012	Mojave Solar	9:00:00 AM	Ray Romero	-	Alpha East	Holding pond	Acceptable	Freed trapped bird
5/10/2012	Mojave Solar	9:30:00 AM	Ray Romero	-	Alpha West	Concrete pipe	Acceptable	Inspecting pipe for DKF
5/10/2012	Mojave Solar	10:05:00 AM	Ray Romero	-	Alpha East	Active DKF site	Acceptable	Establish ESA buffer around DKF
5/10/2012	Mojave Solar	11:00:00 AM	Ray Romero	-	Alpha West	Concrete pipe	Acceptable	Inspect for DKF
5/10/2012	Mojave Solar	12:00:00 PM	Ray Romero	-	Alpha West	Grading road	Acceptable	Monitor grading Hoffman rd
5/10/2012	Mojave Solar	2:00:00 PM	Ray Romero	-	Alpha West	Grader	Acceptable	End of day
5/11/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Beta	Excavation	Acceptable	Monitoring operations for wildlife hazards

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/11/2012	Mojave Solar	7:00:00 AM	Holly Hill	-	Alpha West	Cut/fill	Acceptable	Monitored cut/fill; pipe dens in south channel; general compliance activity-trash, standing water; check and repair kf buffer zone; set up cameras at east Lockhart kf pipe den; check unearthed concrete pipe at culvert install diversions on Lockhart Rd.;
5/11/2012	Mojave Solar	2:00:00 PM	Holly Hill	-	Alpha East	Other	Acceptable	Respond to kit fox sighting at office trailers. Unable to locate fox. Denning opportunity in fencing material stockpile and facility. Need to monitor. Checked buffer zone on East Lockhart
5/11/2012	Mojave Solar	5:45:00 AM	Peggy Wood	-	Alpha East	Monitor	Acceptable	Check basins AE find standing water, notify Teyma. Check KF holes AE & AW, activity evident. WEAP, construction meeting. Communications, fix stakes by KF, HLR patrol, check basins, check beta. Beta & AE fence inspection. DT sighting HLR, record CNDDB.
5/14/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Beta	Excavation	Acceptable	Monitored operations for wildlife risks and hazards
5/14/2012	Mojave Solar	12:00:00 PM	Andrea Currylow	-	Alpha West	Excavation	Acceptable	Monitored pit excavation of pipe diversion for wildlife risks/hazards.
5/14/2012	Mojave Solar	2:01:28 PM	Holly Hill	-	Alpha West; all areas	Other	Acceptable	Checked for kit fox activity in Alpha East; also identified kf threats on project; responded to calls to capture or recover wildlife.
5/14/2012	Mojave Solar	5:42:00 AM	Peggy Wood	-	Alpha East	Monitoring	Acceptable	Check fence lines beta, AE for trash. WEAP, coordinate Holly's plans for KF protection, DT reported HLR 0.25 miles S RR. HLR patrol, planning KF protection measures & potential costs, convey SW Gas work schedule longer hours to all, coordinate DT survey along Lockhart Road
5/14/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha West	Meeting	Acceptable	Safety meeting
5/14/2012	Mojave Solar	7:15:00 AM	Ray Romero	-	Alpha West	Cut/fill	Acceptable	monitor cut/fill
5/14/2012	Mojave Solar	8:00:00 AM	Ray Romero	-	Alpha West	Gas pipeline bypass	Acceptable	Monitor SW Gas installing bypass gas pipeline
5/14/2012	Mojave Solar	12:30:00 PM	Ray Romero	-	Alpha West	Wildlife Survey	Acceptable	DT clearance survey at Lockhart road
5/14/2012	Mojave Solar	5:30:00 PM	Ray Romero	-	Alpha West	Wildlife Survey	Acceptable	Complete survey for day. Continue tomorrow. No DT sign seen.
5/15/2012	Mojave Solar	6:19:17 PM	Andrea Currylow	-	Alpha West; all areas	Excavation	Acceptable	Monitored SW gas pipeline work for wildlife risks/hazards
5/15/2012	Mojave Solar	6:21:01 PM	Andrea Currylow	-	Alpha West; all areas	Excavation	Acceptable	monitor excavation of gas pipeline for wildlife risks/hazards

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/15/2012	Mojave Solar	5:23:13 PM	Holly Hill	-	Alpha East	Cut/fill	Acceptable	Cut/fill AE; kf inspections and buffer checks on Lockhart Rd.; monitored grading along Lockhart Rd.; closed/capped open waterline at drill rig AE; responded to scorpion sighting.
5/15/2012	Mojave Solar	5:50:00 AM	Peggy Wood	-	Alpha West	Monitoring, fence inspection	Acceptable	Monitor SW Gas along HLR until BM arrived. Weap. Construction meeting. Advise MSP to monitor SW GAs along Hl r outside fence. Monitor grader on Lockhart. Report user of SF Rd. Discuss compliance conditions for kf with ASI .
5/15/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha West	Wildlife Survey	Acceptable	Resume DT clearance survey along Lockhart rd.
5/15/2012	Mojave Solar	2:30:00 PM	Ray Romero	-	Alpha West	Wildlife Survey	Acceptable	DT survey completed.
5/15/2012	Mojave Solar	2:45:00 PM	Ray Romero	-	Alpha West	Drainage Work	Acceptable	Monitor soil cement application within AW drainage.
5/15/2012	Mojave Solar	5:30:00 PM	Ray Romero	-	Alpha West	Drainage Work	Acceptable	End of day
5/16/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Alpha West	Excavation	Acceptable	Monitored excavation activities for wildlife risks and hazards.
5/16/2012	Mojave Solar	4:10:00 PM	Andrea Currylow	-	Alpha West	Wildlife Survey	Acceptable	Checked concrete pipe for kit fox activity and closed off where inactive or verified empty.
5/16/2012	Mojave Solar	5:00:00 PM	Andrea Currylow	-	Alpha West	Other	Acceptable	Monitored SW Gas for wildlife risks and hazards.
5/16/2012	Mojave Solar	10:49:13 AM	Holly Hill	-	Alpha East	Meeting	Not Applicable	Meeting at hotel w/client at their request re: kit fox mitigation for site. Monitored material movement at AE yard for KF activity, Alcorn. monitored and repaired KF buffer zones on Lockhart Rd.; checked culvert installations in AE . KF mit. Draft
5/16/2012	Mojave Solar	5:32:00 AM	Peggy Wood	-	Alpha East	Monitoring	Acceptable	Beta fence inspect, WEAP, construction meeting, review camera cards, HLR patrol, communications with CEC, Teyma, ASI thru out day. Check KF entry AW channel culvert when KF runs out confirmed vacancy. Sealed vacant section of pipe.
5/16/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha West	Various activities	Acceptable	Spot check activities
5/16/2012	Mojave Solar	10:02:16 AM	Ray Romero	-	Lockhart Rd	Grading	Acceptable	Monitor grading of Lockhart Rd.
5/16/2012	Mojave Solar	5:34:05 PM	Ray Romero	-	Lockhart Rd	Grading	Acceptable	End of day
5/16/2012	Mojave Solar	2:34:02 PM	Ron Walker	-	Alpha West	Excavation	Acceptable	Southwest gas pipeline installation
5/17/2012	Mojave Solar	3:00:00 AM	Andrea Currylow	-	Alpha West	Other	Acceptable	Monitored SW Gas backfill operations for entrapped wildlife.

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/17/2012	Mojave Solar	11:31:47 AM	Holly Hill	-	Alpha East	Other	Notification	Monitored for kit fox activity in construction areas. Monitored kit buffer areas along Lockhart Rd., monitored DT fencing temporarily down for access to concrete pour at culvert install on Lockhart Rd. Revise draft kf mit/mon plan
5/17/2012	Mojave Solar	5:40:00 AM	Peggy Wood	-	Alpha West	Monitoring	Acceptable	Notify Miller of 15 mph violation. SL safety then Sukut safety meeting, WEAP, construction meeting enforcing speed needed for KF protection, review KF Plan, notify agencies more pups, HLR patrol. Communications.
5/17/2012	Mojave Solar	12:59:59 PM	Ron Walker	-	Alpha West	Excavation	Acceptable	Southwest gas installation
5/18/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Alpha West	Excavation	Notification	Monitored excavators and related equipment for wildlife hazards and risks. Notification to water truck to avoid ponding.
5/18/2012	Mojave Solar	5:00:00 PM	Andrea Currylow	-	Alpha West	Other	Acceptable	Monitored southwest gas for wildlife hazards.
5/18/2012	Mojave Solar	12:08:10 PM	Holly Hill	-	Alpha East	Other	Acceptable	Kit fox monitoring of project site and buffers; buffer maintenance; asbestos pipe location verification-requested By Nicklaus; kf buffer maintenance.; monitored gas line installation; armed cameras on Lockhart Rd.
5/18/2012	Mojave Solar	5:32:00 PM	Peggy Wood	-	Alpha West	Monitoring	Acceptable	Check all AW, inspect fence. Check beta. WEAP. Construction meeting. Communications rumble strip as speed bumps for KF protection, set cameras @ holes with KF sign. Inspect Beta fence.
5/18/2012	Mojave Solar	7:37:04 AM	Ron Walker	-	Alpha East	Excavation	Acceptable	Southwest gas installation
5/21/2012	Mojave Solar	7:00:00 AM	Andrea Currylow	-	Alpha West	Excavation	Acceptable	Monitoring excavation activities for wildlife risks/hazards.
5/21/2012	Mojave Solar	2:00:00 PM	Andrea Currylow	-	Beta	Other	Notification	Monitored entire site looking for kit fox hazards. Notified Jason and Peggy where any hazards were found.
5/21/2012	Mojave Solar	5:22:07 PM	Andrea Currylow	-	Alpha West	Other	Acceptable	Monitored SW Gas for wildlife hazards or risks.
5/21/2012	Mojave Solar	6:30:00 AM	Holly Hill	-	Beta	Other	Acceptable	All areas
5/21/2012	Mojave Solar	8:00:00 AM	Holly Hill	-	Bet	Other	Acceptable	Power pole setting outside DT fence, confirmed avian protection in place. checked for kit fox risk areas; observed Adler tank moving; kf photos.
5/21/2012	Mojave Solar	12:22:58 PM	Holly Hill	-	Beta	Other	Acceptable	All areas
5/21/2012	Mojave Solar	4:29:39 PM	Holly Hill	-	Alpha West	Excavation	Acceptable	Exposed concrete irrigation pipe closed By dozer to prevent kf use

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/21/2012	Mojave Solar	2:10:33 PM	Peggy Wood	-	Alpha East	Monitoring	Acceptable	Check KF cameras, SW Gas startup, WEAP, communications with Teyma, direct Ray to DT survey along Lockhart East then east Beta East where fence to be moved. Review KF photos, needs for protection. HLR patrol. Prepare for re-training speed violators.
5/21/2012	Mojave Solar	6:45:00 AM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	Monitor reroute of gas pipeline
5/21/2012	Mojave Solar	10:06:00 AM	Ray Romero	-	Lockhart Rd	Wildlife Survey	Acceptable	DT clearance survey along Lockhart Rd
5/21/2012	Mojave Solar	11:20:56 AM	Ray Romero	-	Lockhart Rd	Wildlife Survey	Acceptable	Complete DT clearance survey along Lockhart Rd.
5/21/2012	Mojave Solar	11:50:00 AM	Ray Romero	-	Beta	Wildlife Survey	Acceptable	DT fence realignment for drainage channel in Beta.
5/21/2012	Mojave Solar	12:12:00 PM	Ray Romero	-	Beta	Wildlife Survey	Acceptable	Completed DT clearance survey for DT fence realignment.
5/21/2012	Mojave Solar	12:58:00 PM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	Monitor SWG gas pipeline rerouting.
5/21/2012	Mojave Solar	5:45:00 PM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	End of day
5/22/2012	Mojave Solar	6:50:00 PM	Andrea Currylow	-	Alpha West	Excavation	Acceptable	Monitored activities for wildlife risks and hazards.
5/22/2012	Mojave Solar	1:45:48 PM	Holly Hill	-	Alpha East	Other	Acceptable	Kit fox inspection; monitor kf buffers; responded to call re: gopher snake-captured and released offsite; monitored excavation in AE for tank installation. monitored well/pipe removal in AW-notified DB re: pipe removal as it presents kf issue. ; responded
5/22/2012	Mojave Solar	1:59:47 PM	Holly Hill	-	Alpha East	Wildlife Survey	Acceptable	Responded to call re: roadrunner trapped in netted basin.; monitored excavation AW pipe and trenching; monitored grading for tank setting AE
5/22/2012	Mojave Solar	5:01:47 PM	Holly Hill	-	Alpha West	Other	Acceptable	Dozen drill holes approx. 8ft deep x 6in left uncovered DB and foreman notified-resolved.
5/22/2012	Mojave Solar	5:03:43 PM	Holly Hill	-	Beta	Wildlife Survey	Acceptable	Responded to trapped snake w/Ray Romero; unable to capture. Will try tomorrow.
5/22/2012	Mojave Solar	5:04:46 PM	Holly Hill	-	Alpha East	Other	Acceptable	Checked concrete washouts at culverts. One covered but not fully lined. One uncovered Teyma notified. Ramping of trench done at request of electrician but shallow and not really necessary.
5/22/2012	Mojave Solar	5:35:00 AM	Peggy Wood	-	Alpha West	Monitor	Acceptable	Check KF cameras. Check SW Gas activities, WEAP, construction meeting, discuss speed limit enforcement, tour site with Teyma discussing perimeter fence construction & need for plan

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/22/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha East	Meeting	Acceptable	Safety meeting
5/22/2012	Mojave Solar	7:21:00 AM	Ray Romero	-	Alpha West	Excavation	Acceptable	monitor excavation
5/22/2012	Mojave Solar	11:33:00 AM	Ray Romero	-	Lockhart Rd	Clear/grub	Acceptable	monitor vegetation clearing
5/22/2012	Mojave Solar	3:55:00 PM	Ray Romero	-	Lockhart Rd	Clear, grub and grading	Acceptable	Complete monitoring vegetation clearing and grading for Lockhart Rd realignment
5/22/2012	Mojave Solar	4:18:00 PM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	Spot check SWG gas pipeline work.
5/22/2012	Mojave Solar	5:03:57 PM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	End of day
5/23/2012	Mojave Solar	6:50:00 AM	Andrea Currylow	-	Alpha West	Other	Acceptable	Checked holes and covers that Strait Line drilled yesterday. Then looked for other wildlife hazards around AW.
5/23/2012	Mojave Solar	7:30:00 AM	Andrea Currylow	-	Alpha West	Other	Non-compliance Resolution	Began to repair kit fox buffer along southern boundary of AW.
5/23/2012	Mojave Solar	8:30:00 AM	Andrea Currylow	-	Beta	Other	Acceptable	Monitored grubbed vegetation pile removal north of Beta on Lockhart Rd. From road widening preparation.
5/23/2012	Mojave Solar	1:30:00 PM	Andrea Currylow	-	Alpha West	Other	Non-compliance Resolution	Repaired kit fox buffer/exclusion fence and signage.
5/23/2012	Mojave Solar	3:00:00 PM	Andrea Currylow	-	Alpha East	Other	Not Applicable	Repaired kit fox buffer/exclusion flagging and signage.
5/23/2012	Mojave Solar	10:38:15 AM	Holly Hill	-	Alpha East/AW	Excavation	Acceptable	Monitored pipe excavation in AW, checked for compliance at concrete washouts in AE; checked on kit fox risks areas in AE; monitored pipe excavation and removal in AW (cont.); monitored HLR sand removal; DT fence
5/23/2012	Mojave Solar	5:33:00 AM	Peggy Wood	-	Alpha West	Monitor	Acceptable	Check cameras, beta east NCM needs sand clearing, WEAP, construction meeting, clarification of roles, inspect beta east & AE fence line. Discuss planning.
5/23/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha East	Meeting	Acceptable	Safety meeting
5/23/2012	Mojave Solar	7:20:00 AM	Ray Romero	-	Alpha West	Excavation	Acceptable	monitor excavation
5/23/2012	Mojave Solar	1:15:00 PM	Ray Romero	-	Alpha West	Excavation	Acceptable	Done for day
5/23/2012	Mojave Solar	1:20:00 PM	Ray Romero	-	Alpha West	Kit fox buffer	Acceptable	Maintenance

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/23/2012	Mojave Solar	3:30:00 PM	Ray Romero	-	Alpha West	Kit fox buffer	Acceptable	Maintenance
5/23/2012	Mojave Solar	2:54:49 PM	Ron Walker	-	Alpha West	Excavation	Acceptable	Southwest gas pipeline installation
5/24/2012	Mojave Solar	6:30:00 AM	Andrea Currylow	-	Alpha East	DT Fencing	Acceptable	Checked fence materials for KF activity.
5/24/2012	Mojave Solar	8:15:00 AM	Andrea Currylow	-	Alpha West	Other	Acceptable	Monitored SW gas while trenching to remove pipe.
5/24/2012	Mojave Solar	10:00:00 AM	Andrea Currylow	-	Beta	Excavation	Acceptable	Monitored NCM during asbestos removal.
5/24/2012	Mojave Solar	11:00:00 AM	Andrea Currylow	-	Beta	Wildlife Survey	Acceptable	Scoping for wildlife risks and hazards across site.
5/24/2012	Mojave Solar	2:00:00 PM	Andrea Currylow	-	Alpha West	Excavation	Non-compliance Resolution	Dug out the tortoise guards on the east side of alpha west.
5/24/2012	Mojave Solar	5:35:00 AM	Peggy Wood	-	Beta	Monitor	Acceptable	Check beta, WEAP, construction meeting, inspect AW fence, communications on scheduling, contract, Communications with ASI.
5/24/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha West	Meeting	Acceptable	Safety meeting
5/24/2012	Mojave Solar	7:15:00 AM	Ray Romero	-	Alpha West	Standby	Notification	Standby
5/24/2012	Mojave Solar	8:30:00 AM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	Monitor work
5/24/2012	Mojave Solar	9:00:00 AM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	End of day
5/24/2012	Mojave Solar	6:04:03 AM	Ron Walker	-	Alpha West	Excavation	Acceptable	Southwest gas pipeline installation
5/25/2012	Mojave Solar	6:50:00 AM	Andrea Currylow	-	Beta	Other	Acceptable	Monitored operations in Beta; asbestos removal, Paso Robles,
5/25/2012	Mojave Solar	9:41:15 AM	Andrea Currylow	-	Alpha East	Other	Notification	Giant water puddle formed under water tower that appears not to be completely closed.
5/25/2012	Mojave Solar	5:35:00 AM	Peggy Wood	-	Beta	Monitoring	Acceptable	Check to find water under AE tower & trash along fence lines still. Construction meeting, raise water & trash issues to be resolved before next Tuesday.
5/25/2012	Mojave Solar	8:26:19 AM	Ron Walker	-	Alpha West	Excavation	Acceptable	Southwest gas pipeline removal

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/29/2012	Mojave Solar	6:30:00 AM	Holly Hill	-	Beta	DT Fencing	Acceptable	Re-route DT fencing Lockhart Rd; kf monitoring, buffer(s) repairs, checked DT fence AE for sand dunes; checked excavation in Beta;
5/29/2012	Mojave Solar	5:46:00 AM	Peggy Wood	-	Alpha East	Monitoring	Acceptable	Document standing water under towers AE & AW, litter all over site fence lines. WEAP. Construction meeting raise issues dumpster lids open, tortoise guards cleaned out, delivery drivers given speed limit. Inspect Beta fence, sand along east needs clearing
5/29/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha East	Meeting	Acceptable	Safety meeting
5/29/2012	Mojave Solar	7:08:00 AM	Ray Romero	-	Alpha West	Excavation	Acceptable	monitor excavation
5/29/2012	Mojave Solar	8:09:00 AM	Ray Romero	-	Alpha West	Gas pipeline	Acceptable	Monitor pipeline installation
5/29/2012	Mojave Solar	5:30:00 PM	Ray Romero	-	Alpha West	Excavation	Acceptable	End of day
5/30/2012	Mojave Solar	5:30:00 AM	Holly Hill	-	All	DT Fencing/kf /gen. Compliance	Notification	Standing water overnight observed; open drill holes (AW); project vehicle use of Santa Fe Rd.; excessive speed on Lockhart Rd. ; sandcrete installation AW
5/30/2012	Mojave Solar	5:37:00 AM	Peggy Wood	-	Beta	Monitor	Notification	Finding recurrent issues, filed notification of noncompliance to agencies, ASI & Teyma. Water, sand, uncovered holes, speed, Santa Fe Rd use all part of issues. Communications with ASI & Teyma on solutions. Work near KF buffer cause discussion of protections
5/30/2012	Mojave Solar	7:00:00 AM	Ray Romero	-	Alpha West	Meeting	Acceptable	Safety meeting
5/30/2012	Mojave Solar	7:15:00 AM	Ray Romero	-	Alpha West	Excavation	Acceptable	monitor excavation
5/30/2012	Mojave Solar	10:30:00 AM	Ray Romero	-	Alpha West	Excavation	Acceptable	Completed drainage channel. Spot check SWG throughout morning.
5/30/2012	Mojave Solar	10:45:00 AM	Ray Romero	-	Beta	DT Fencing	Acceptable	Spot check backhoe and laborers removing sand from DT fence along E boundary of BETA.
5/30/2012	Mojave Solar	12:30:00 PM	Ray Romero	-	Beta	Wildlife Survey	Acceptable	DT survey for drainage channel
5/30/2012	Mojave Solar	2:00:00 PM	Ray Romero	-	Beta	DT Fencing	Acceptable	Monitor sand removal
5/30/2012	Mojave Solar	3:00:00 PM	Ray Romero	-	Alpha West	Kit fox buffer	Acceptable	Monitor equip
5/30/2012	Mojave Solar	5:30:00 PM	Ray Romero	-	Alpha West	Soil cement	Acceptable	End of day

Date	Project	Time	Biological Monitor	Additional Biological Monitor	Specific Location	Activity	Compliance Level	Notes
5/31/2012	Mojave Solar	7:00:00 AM	Holly Hill	-	Alpha West	Other/sandcrete installation	Acceptable	Met w /sandcrete foreman to discuss work in S AW channel and maint kf buffer; monitored channel excavation on east end of S AW.
5/31/2012	Mojave Solar	5:12:00 AM	Peggy Wood	-	Alpha West	Monitor	Non-compliance	Water under AW tower since yesterday filed as noncompliance to agencies. WEAP. Construction meeting. Notifications sent to all parties, meeting with Teyma to address. HLR patrol.
5/31/2012	Mojave Solar	6:30:00 AM	Ray Romero	-	Beta	DT Fencing	Acceptable	Monitor removal and installation of DT fence.
5/31/2012	Mojave Solar	2:00:00 PM	Ray Romero	-	Beta	DT Fencing	Acceptable	Monitoring of DT fencing complete for day
5/31/2012	Mojave Solar	2:30:00 PM	Ray Romero	-	Alpha East	DT Fencing	Acceptable	End of day
5/31/2012	Mojave Solar	8:50:45 PM	Ron Walker	-	Alpha West	Compaction	Acceptable	Concrete slurry wall install

GENERAL BIOLOGICAL MONITORING LOG. Yes or N/A Signifies Compliance with Condition of Certification.

Date	Biological Monitor	Additional Biomonitor	Specific Location	**CEC BIO 7-1.** Disturbance Area Limited?	**CEC BIO 7-2 and 7-3.** Road and traffic impacts minimized?	**CEC BIO 11-1A.** Tortoise exclusion fence intact?	**CEC BIO 7-5.** Were impacts of transmission and pipeline alignments; roads and staging area impacts minimized?	**CEC BIO 7-4.** Was a monitor present during construction?	**CEC BIO-8.** Avoidance and minimization of impacts to nesting birds?
5/1/2012	Holly Hill	-	Alpha West;Beta; Alpha West	Yes	Yes	Yes	Yes	Yes	N/A
5/1/2012	Andrea Currylow	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/1/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	Yes	Yes	Yes
5/1/2012	Ray Romero	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/2/2012	Andrea Currylow	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/2/2012	Holly Hill	-	Alpha West;Beta; Alpha West	Yes	Yes	Yes	No	Yes	N/A
5/2/2012	Ray Romero	-	Beta	Yes	No	Yes	N/A	Yes	N/A
5/2/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	Yes	Yes	Yes
5/3/2012	Holly Hill	-	Beta	Yes	N/A	Yes	N/A	Yes	N/A
5/3/2012	Ron Walker	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/3/2012	Peggy Wood	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/3/2012	Andrea Currylow	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/4/2012	Holly Hill	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/4/2012	Ron Walker	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/4/2012	Peggy Wood	-	Beta	Yes	Yes	Yes	N/A	Yes	Yes
5/4/2012	Andrea Currylow	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/7/2012	Holly Hill	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/7/2012	Peggy Wood	-	Alpha East	Yes	Yes	Yes	N/A	Yes	Yes
5/7/2012	Ray Romero	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/7/2012	Andrea Currylow	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/8/2012	Holly Hill	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/8/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	N/A	Yes	Yes
5/8/2012	Ray Romero	-	Alpha East	Yes	Yes	Yes	N/A	Yes	N/A
5/8/2012	Andrea Currylow	-	Alpha West	N/A	Yes	Yes	N/A	N/A	N/A

Date	Biological Monitor	Additional Biomonitor	Specific Location	**CEC BIO 7-1.** Disturbance Area Limited?	**CEC BIO 7-2 and 7-3.** Road and traffic impacts minimized?	**CEC BIO 11-1A.** Tortoise exclusion fence intact?	**CEC BIO 7-5.** Were impacts of transmission and pipeline alignments; roads and staging area impacts minimized?	**CEC BIO 7-4.** Was a monitor present during construction?	**CEC BIO-8.** Avoidance and minimization of impacts to nesting birds?
5/9/2012	Holly Hill	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/9/2012	Peggy Wood	-	Beta	Yes	Yes	Yes	N/A	Yes	Yes
5/9/2012	Andrea Currylow	-	Alpha West	N/A	Yes	No	N/A	Yes	N/A
5/9/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/10/2012	Holly Hill	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/10/2012	Ray Romero	-	Alpha East	Yes	Yes	Yes	N/A	Yes	N/A
5/10/2012	Andrea Currylow	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/11/2012	Holly Hill	-	Alpha West	Yes	Yes	Yes	Yes	Yes	N/A
5/11/2012	Peggy Wood	-	Beta	Yes	Yes	Yes	N/A	Yes	Yes
5/11/2012	Andrea Currylow	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/14/2012	Holly Hill	-	Alpha East	N/A	No	Yes	N/A	Yes	N/A
5/14/2012	Peggy Wood	-	Beta	Yes	Yes	Yes	N/A	Yes	Yes
5/14/2012	Andrea Currylow	-	Alpha West	No	Yes	Yes	N/A	Yes	N/A
5/14/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/15/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	N/A	Yes	Yes
5/15/2012	Holly Hill	-	All	Yes	No	Yes	N/A	Yes	N/A
5/15/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/15/2012	Andrea Currylow	-	Alpha West	No	Yes	Yes	N/A	Yes	N/A
5/16/2012	Holly Hill	-	Alpha West/AE	N/A	N/A	N/A	N/A	Yes	N/A
5/16/2012	Ron Walker	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/16/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	N/A	Yes	Yes
5/16/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/16/2012	Andrea Currylow	-	Alpha West	No	Yes	Yes	N/A	Yes	N/A
5/17/2012	Andrea Currylow	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/17/2012	Ron Walker	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/17/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	N/A	Yes	Yes
5/17/2012	Andrea Currylow	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/18/2012	Holly Hill	-	Alpha East	Yes	Yes	Yes	N/A	Yes	N/A

Date	Biological Monitor	Additional Biomonitor	Specific Location	**CEC BIO 7-1.** Disturbance Area Limited?	**CEC BIO 7-2 and 7-3.** Road and traffic impacts minimized?	**CEC BIO 11-1A.** Tortoise exclusion fence intact?	**CEC BIO 7-5.** Were impacts of transmission and pipeline alignments; roads and staging area impacts minimized?	**CEC BIO 7-4.** Was a monitor present during construction?	**CEC BIO-8.** Avoidance and minimization of impacts to nesting birds?
5/18/2012	Ron Walker	-	Alpha West/AE	Yes	Yes	Yes	Yes	Yes	N/A
5/18/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	N/A	Yes	Yes
5/18/2012	Andrea Currylow	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/21/2012	Peggy Wood	-	Alpha East	Yes	Yes	Yes	Yes	Yes	Yes
5/21/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/21/2012	Andrea Currylow	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/22/2012	Holly Hill	-	Alpha West/AE/Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/22/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	Yes	Yes	Yes
5/22/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/22/2012	Andrea Currylow	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/23/2012	Holly Hill	-	Alpha West/AE	Yes	Yes	Yes	N/A	Yes	N/A
5/23/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	N/A	Yes	Yes
5/23/2012	Ron Walker	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/23/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/23/2012	Andrea Currylow	-	Beta	No	No	Yes	N/A	Yes	N/A
5/24/2012	Ron Walker	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/24/2012	Andrea Currylow	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/24/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	Yes	Yes	Yes
5/24/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/25/2012	Ron Walker	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/25/2012	Peggy Wood	-	Alpha West	Yes	Yes	Yes	N/A	Yes	Yes
5/25/2012	Andrea Currylow	-	Beta/AW and AE	Yes	Yes	Yes	N/A	Yes	N/A
5/29/2012	Holly Hill	-	Alpha East/Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/29/2012	Peggy Wood	-	Alpha West	Yes	Yes	No	Yes	Yes	Yes
5/29/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A
5/30/2012	Holly Hill	-	Alpha East/Beta	Yes	No	Yes	N/A	No	N/A
5/30/2012	Ray Romero	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A

Date	Biological Monitor	Additional Biomonitor	Specific Location	**CEC BIO 7-1.** Disturbance Area Limited?	**CEC BIO 7-2 and 7-3.** Road and traffic impacts minimized?	**CEC BIO 11-1A.** Tortoise exclusion fence intact?	**CEC BIO 7-5.** Were impacts of transmission and pipeline alignments; roads and staging area impacts minimized?	**CEC BIO 7-4.** Was a monitor present during construction?	**CEC BIO-8.** Avoidance and minimization of impacts to nesting birds?
5/30/2012	Peggy Wood	-	Beta/AW	Yes	No	No	N/A	No	Yes
5/31/2012	Ray Romero	-	Beta	Yes	Yes	Yes	N/A	Yes	N/A
5/31/2012	Peggy Wood	-	Beta/AW	Yes	Yes	Yes	N/A	Yes	Yes
5/31/2012	Ron Walker	-	Alpha West	Yes	Yes	Yes	N/A	Yes	N/A

Date	Biological Monitor	**CEC BIO 7-7.** Were lighting impacts minimized?	**CEC BIO 7-8.** Were vehicle impacts to tortoise avoided? Vehicle checks conducted?	**CEC BIO 7-9 and 7-10.** Wildlife pitfalls and entrapment avoided?	**CEC BIO 7-8.** Avoid vehicle impacts to tortoise by patrol of Harper Lake Road?	**CEC BIO 7-6.** Avoid use of toxic substances?	**CEC BIO 7-12.** Minimize standing water?	**CEC BIO 7-11.** Report wildlife injury and mortality?	**CEC BIO 7-13.** Minimize spills of hazardous materials?
5/1/2012	Holly Hill	N/A	Yes	Yes	N/A	N/A	N/A	N/A	Yes
5/1/2012	Andrea Currylow	N/A	Yes	N/A	N/A	Yes	Yes	N/A	N/A
5/1/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/1/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/2/2012	Andrea Currylow	N/A	Yes	N/A	N/A	Yes	No	Yes	N/A
5/2/2012	Holly Hill	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A
5/2/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/2/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/3/2012	Holly Hill	N/A	No	N/A	N/A	N/A	Yes	N/A	N/A
5/3/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/3/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/3/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	No	Yes	N/A
5/4/2012	Holly Hill	N/A	Yes	N/A	N/A	N/A	Yes	N/A	N/A
5/4/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/4/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/4/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	Yes	N/A	N/A
5/7/2012	Holly Hill	N/A	Yes	N/A	N/A	N/A	Yes	N/A	N/A
5/7/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	Yes	Yes	No
5/7/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/7/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	No	N/A	N/A
5/8/2012	Holly Hill	N/A	N/A	N/A	N/A	N/A	No	N/A	N/A
5/8/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/8/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/8/2012	Andrea Currylow	N/A	Yes	N/A	N/A	Yes	N/A	N/A	N/A
5/9/2012	Holly Hill	N/A	Yes	N/A	N/A	N/A	Yes	N/A	N/A
5/9/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Date	Biological Monitor	**CEC BIO 7-7.** Were lighting impacts minimized?	**CEC BIO 7-8.** Were vehicle impacts to tortoise avoided? Vehicle checks conducted?	**CEC BIO 7-9 and 7-10.** Wildlife pitfalls and entrapment avoided?	**CEC BIO 7-8.** Avoid vehicle impacts to tortoise by patrol of Harper Lake Road?	**CEC BIO 7-6.** Avoid use of toxic substances?	**CEC BIO 7-12.** Minimize standing water?	**CEC BIO 7-11.** Report wildlife injury and mortality?	**CEC BIO 7-13.** Minimize spills of hazardous materials?
5/9/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	Yes	N/A	N/A
5/9/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/10/2012	Holly Hill	N/A	Yes	Yes	N/A	N/A	Yes	N/A	N/A
5/10/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/10/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	N/A	N/A	N/A
5/11/2012	Holly Hill	N/A	N/A	Yes	N/A	N/A	No	N/A	N/A
5/11/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	No	Yes	Yes
5/11/2012	Andrea Currylow	N/A	No	N/A	N/A	Yes	N/A	N/A	N/A
5/14/2012	Holly Hill	N/A	N/A	Yes	N/A	N/A	N/A	Yes	N/A
5/14/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/14/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	Yes	N/A	N/A
5/14/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/15/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	No	Yes	Yes
5/15/2012	Holly Hill	N/A	Yes	Yes	N/A	Yes	Yes	Yes	N/A
5/15/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
5/15/2012	Andrea Currylow	N/A	Yes	Yes	N/A	N/A	N/A	N/A	N/A
5/16/2012	Holly Hill	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A
5/16/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/16/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A
5/16/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
5/16/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	No	N/A	N/A
5/17/2012	Andrea Currylow	N/A	Yes	Yes	N/A	N/A	Yes	N/A	N/A
5/17/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	No
5/17/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/17/2012	Andrea Currylow	N/A	Yes	N/A	N/A	Yes	Yes	N/A	N/A
5/18/2012	Holly Hill	N/A	Yes	Yes	N/A	N/A	No	N/A	N/A

Date	Biological Monitor	**CEC BIO 7-7.** Were lighting impacts minimized?	**CEC BIO 7-8.** Were vehicle impacts to tortoise avoided? Vehicle checks conducted?	**CEC BIO 7-9 and 7-10.** Wildlife pitfalls and entrapment avoided?	**CEC BIO 7-8.** Avoid vehicle impacts to tortoise by patrol of Harper Lake Road?	**CEC BIO 7-6.** Avoid use of toxic substances?	**CEC BIO 7-12.** Minimize standing water?	**CEC BIO 7-11.** Report wildlife injury and mortality?	**CEC BIO 7-13.** Minimize spills of hazardous materials?
5/18/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/18/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A
5/18/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	No	N/A	N/A
5/21/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/21/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/21/2012	Andrea Currylow	N/A	No	Yes	N/A	Yes	Yes	N/A	N/A
5/22/2012	Holly Hill	N/A	Yes	Yes	N/A	N/A	Yes	N/A	N/A
5/22/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/22/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	No	No	No
5/22/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	No	N/A	N/A
5/23/2012	Holly Hill	N/A	Yes	Yes	N/A	N/A	N/A	N/A	N/A
5/23/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/23/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/23/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/23/2012	Andrea Currylow	N/A	Yes	N/A	N/A	N/A	Yes	N/A	N/A
5/24/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/24/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	Yes	N/A	N/A
5/24/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/24/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/25/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5/25/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	No	Yes	Yes
5/25/2012	Andrea Currylow	N/A	Yes	Yes	N/A	Yes	No	N/A	Yes
5/29/2012	Holly Hill	N/A	Yes	No	N/A	N/A	No	N/A	N/A
5/29/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	No	Yes	Yes
5/29/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/30/2012	Holly Hill	N/A	Yes	Yes	N/A	N/A	N/A	N/A	N/A

Date	Biological Monitor	**CEC BIO 7-7.** Were lighting impacts minimized?	**CEC BIO 7-8.** Were vehicle impacts to tortoise avoided? Vehicle checks conducted?	**CEC BIO 7-9 and 7-10.** Wildlife pitfalls and entrapment avoided?	**CEC BIO 7-8.** Avoid vehicle impacts to tortoise by patrol of Harper Lake Road?	**CEC BIO 7-6.** Avoid use of toxic substances?	**CEC BIO 7-12.** Minimize standing water?	**CEC BIO 7-11.** Report wildlife injury and mortality?	**CEC BIO 7-13.** Minimize spills of hazardous materials?
5/30/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/30/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	No	Yes	Yes
5/31/2012	Ray Romero	Yes	Yes	Yes	Yes	Yes	Yes	No	No
5/31/2012	Peggy Wood	N/A	Yes	Yes	Yes	Yes	No	Yes	Yes
5/31/2012	Ron Walker	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Date	Biological Monitor	**CEC BIO 7-14.** Worker Guidelines - no trash dumping?	**CEC BIO 7-14.** Worker guidelines - no pets, firearms, weapons and wildlife not fed?	**CEC BIO 7-15.** Spread of noxious weeds avoided?	**CEC BIO 7-16.** Erosion control measures implemented?	**CEC BIO 7 -16.** Ground disturbing activities monitored prior to mobilization?	Notes
5/1/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	-
5/1/2012	Andrea Currylow	Yes	Yes	N/A	N/A	Yes	-
5/1/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	-
5/1/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/2/2012	Andrea Currylow	Yes	Yes	N/A	N/A	Yes	Sprinklers leaked and created puddles today from 0830-1330. Water turned off and puddles shrank.
5/2/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	-
5/2/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/2/2012	Peggy Wood	No	Yes	Yes	Yes	Yes	Trash reported to Teyma along fence lines, need for removal. Report of standing water in Beta @ irrigation pipes, notified Teyma to resolve.
5/3/2012	Holly Hill	Yes	Yes	N/A	N/A	No	-
5/3/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	Channel excavation in Beta
5/3/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	-
5/3/2012	Andrea Currylow	Yes	Yes	N/A	N/A	Yes	Standing water was pooling from sprinklers; sprinklers were stopped and changed to allow for evaporation and percolation.
5/4/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	-
5/4/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	Excavation and grading in beta
5/4/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	-
5/4/2012	Andrea Currylow	Yes	Yes	N/A	N/A	Yes	Monitored cut/fill for wildlife and wildlife hazards
5/7/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	-
5/7/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	Asbestos fragments inside center AW S-fence bladed by mistake. Several fragments AC pipe found nearly buried on bank of channel. ASI notified of this finding.
5/7/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/7/2012	Andrea Currylow	Yes	Yes	Yes	N/A	No	-
5/8/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	Standing water throughout day and at end of day at sprinklers in Beta
5/8/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	-
5/8/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/8/2012	Andrea Currylow	Yes	Yes	N/A	N/A	N/A	Conducted tortoise pre-survey S and W of alpha west

Date	Biological Monitor	**CEC BIO 7-14.** Worker Guidelines - no trash dumping?	**CEC BIO 7-14.** Worker guidelines - no pets, firearms, weapons and wildlife not fed?	**CEC BIO 7-15.** Spread of noxious weeds avoided?	**CEC BIO 7-16.** Erosion control measures implemented?	**CEC BIO 7 -16.** Ground disturbing activities monitored prior to mobilization?	Notes
5/9/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	-
5/9/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	Incident involving power line down @ 1100. Water in beta down, no power.
5/9/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	Break in fence along HLR on eastern boundary of alpha west was reported for repairs.
5/9/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/10/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	-
5/10/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/10/2012	Andrea Currylow	Yes	Yes	N/A	N/A	Yes	-
5/11/2012	Holly Hill	Yes	Yes	N/A	N/A	Yes	-
5/11/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	Standing water on site in basins between solar fields AE where test water dispersed thurs. Notified Teyma noncompliance would be reported if not solved.
5/11/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	-
5/14/2012	Holly Hill	No	Yes	N/A	N/A	Yes	-
5/14/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	-
5/14/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	Monitored pit excavation outside fence along Harper Lake Rd.
5/14/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/15/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	-
5/15/2012	Holly Hill	No	Yes	N/A	N/A	Yes	Speeding on Lockhart Rd. /office area; trash cans uncovered.
5/15/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/15/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	-
5/16/2012	Holly Hill	No	Yes	N/A	N/A	Yes	-
5/16/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	South west gas installation
5/16/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	-
5/16/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/16/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	Site mobilizes prior to checking by BMs.
5/17/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	-
5/17/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	Southwest gas installation

Date	Biological Monitor	**CEC BIO 7-14.** Worker Guidelines - no trash dumping?	**CEC BIO 7-14.** Worker guidelines - no pets, firearms, weapons and wildlife not fed?	**CEC BIO 7-15.** Spread of noxious weeds avoided?	**CEC BIO 7-16.** Erosion control measures implemented?	**CEC BIO 7 -16.** Ground disturbing activities monitored prior to mobilization?	Notes
5/17/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	-
5/17/2012	Andrea Currylow	Yes	Yes	N/A	No	Yes	Dust control measures should be reevaluated because aerial dust is produced even when no construction activities are happening. We were shut down for dust today. Water truck also allowed pooling to occur; I asked him to avoid this.
5/18/2012	Holly Hill	No	No	N/A	N/A	Yes	-
5/18/2012	Ron Walker	Yes	Yes	N/A	No	Yes	Southwest gas installation
5/18/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	-
5/18/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	Standing water. Water truck notified.
5/21/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	Dozer leak reported to Teyma.
5/21/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/21/2012	Andrea Currylow	Yes	Yes	N/A	N/A	No	Equipment was not checked by a biologist before mobilization. Standing water was found and reported.
5/22/2012	Holly Hill	No	Yes	N/A	N/A	Yes	Uncovered trash cans open holes in AW left by Straightline covered.
5/22/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Spoke with Teyma again about monitoring speed limit.
5/22/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/22/2012	Andrea Currylow	Yes	Yes	N/A	N/A	Yes	Standing water in roads is still an issue.
5/23/2012	Holly Hill	No	Yes	N/A	N/A	Yes	-
5/23/2012	Peggy Wood	Yes	Yes	N/A	Yes	Yes	Further communications with Teyma about DB & BM roles as observer/reporter.
5/23/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	Southwest gas pipe installation
5/23/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/23/2012	Andrea Currylow	Yes	No	N/A	N/A	Yes	Monitored vegetation pile removal in Lockhart Rd.
5/24/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	-
5/24/2012	Andrea Currylow	Yes	Yes	No	No	Yes	Some thistle owing in west channel of Beta. Stored piping and conduit may become a wildlife hazard if wildlife begins to nest or inhabit it prior to its use/removal. Gate near assembly building needs to be fixed so that it closes properly for exclusion of d
5/24/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	-

Date	Biological Monitor	**CEC BIO 7-14.** Worker Guidelines - no trash dumping?	**CEC BIO 7-14.** Worker guidelines - no pets, firearms, weapons and wildlife not fed?	**CEC BIO 7-15.** Spread of noxious weeds avoided?	**CEC BIO 7-16.** Erosion control measures implemented?	**CEC BIO 7 -16.** Ground disturbing activities monitored prior to mobilization?	Notes
5/24/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/25/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	Southwest gas pipeline removal
5/25/2012	Peggy Wood	No	Yes	N/A	Yes	Yes	Standing water under tower again this morning, 3rd morning in a row. Notified Teyma to fix. Also notified Teyma of trash onsite that must be picked up before next Tuesday since this is 3rd notification to pick up.8
5/25/2012	Andrea Currylow	No	Yes	N/A	No	Yes	Much dust blowing in wind - erosion control needs to be reevaluated for effectiveness. Excessive water pooled under tank; appears to be leaking and forming large puddle. Trash built up along fences.
5/29/2012	Holly Hill	No	Yes	N/A	N/A	Yes	Trash, standing water, open holes left over night observed 5/30/12
5/29/2012	Peggy Wood	No	Yes	N/A	Yes	Yes	Sand needs clearing Beta & AE. Litter along fences. Water under AE & AW towers over weekend.
5/29/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/30/2012	Holly Hill	No	Yes	N/A	N/A	Yes	-
5/30/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/30/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Water under towers, DT fence found <24" many places, AW channel S side had soil concrete applied w/o BM to monitor KF buffer zone.
5/31/2012	Ray Romero	Yes	Yes	Yes	No	Yes	-
5/31/2012	Peggy Wood	Yes	Yes	Yes	Yes	Yes	Persistent water under AW tower @ 0500. Filed Noncompliance Report following Notification of Noncompliance yesterday. Leaked hydraulic fluid by Straight Line needs to be picked up.
5/31/2012	Ron Walker	Yes	Yes	N/A	Yes	Yes	-

RAVEN OBSERVATIONS

Date/Time	Project	Biological Monitor	Additional Biomonitor	Specific Location	Number of Ravens	Raven Activity	Is this a nest site location?	If a nest, is it occupied?	If a nest, was it removed?	Notes	Nest GPS Easting	Nest GPS Northing	Offset Distance (m)	Offset Bearing (degrees)
5/1/2012 7:53:00 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/1/2012 9:28:00 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/1/2012 10:38:00 AM	Mojave Solar	Ray Romero	-	Beta	3	Flying	No	N/A	N/A	-	-	-	-	-
5/1/2012 1:46:56 PM	Mojave Solar	Andrea Currylow	-	Alpha West	4	Flight	No	N/A	N/A	One had a yogurt cup	-	-	-	-
5/1/2012 2:49:00 PM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/1/2012 3:45:11 PM	Mojave Solar	Ray Romero	-	Beta	1	Perching	No	N/A	N/A	-	-	-	-	-
5/2/2012 7:32:49 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/2/2012 9:17:00 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/2/2012 10:57:00 AM	Mojave Solar	Ray Romero	-	Beta	2	Flying	No	N/A	N/A	-	-	-	-	-
5/2/2012 11:28:00 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/2/2012 1:14:00 PM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/2/2012 3:29:00 PM	Mojave Solar	Ray Romero	-	Beta	2	Flying	No	N/A	N/A	-	-	-	-	-
5/3/2012 12:00:00 PM	Mojave Solar	Andrea Currylow	-	Beta	1	Flying, Perching	No	N/A	N/A	Landed near sprinklers where water was being sprayed earlier	0	0	-	-
5/4/2012 10:05:12 AM	Mojave Solar	Ron Walker	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/7/2012 7:30:42 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/7/2012 8:09:03 AM	Mojave Solar	Andrea Currylow	-	Beta	1	Flying	No	N/A	N/A	-	0	0	-	-
5/7/2012 8:41:47 AM	Mojave Solar	Andrea Currylow	-	Beta	1	Carrying food trash.	No	N/A	N/A	Raven had food while flying. Dropped it when approached after landing and flew away.	0	0	-	-

Date/Time	Project	Biological Monitor	Additional Biomonitor	Specific Location	Number of Ravens	Raven Activity	Is this a nest site location?	If a nest, is it occupied?	If a nest, was it removed?	Notes	Nest GPS Easting	Nest GPS Northing	Offset Distance (m)	Offset Bearing (degrees)
5/7/2012 9:35:00 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/7/2012 12:26:00 PM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/7/2012 2:34:00 PM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/7/2012 3:23:11 PM	Mojave Solar	Andrea Currylow	-	Beta	1	Flying and perching on power towers	No	N/A	N/A	-	-	-	-	-
5/8/2012 10:10:00 AM	Mojave Solar	Ray Romero	-	Alpha East	1	Flying	No	N/A	N/A	-	-	-	-	-
5/8/2012 11:35:00 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/8/2012 12:26:00 PM	Mojave Solar	Ray Romero	-	Beta	2	Flying	No	N/A	N/A	-	-	-	-	-
5/8/2012 1:36:00 PM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/8/2012 3:07:00 PM	Mojave Solar	Ray Romero	-	Alpha East	1	Flying	No	N/A	N/A	-	-	-	-	-
5/9/2012 8:01:45 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/9/2012 10:16:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/9/2012 11:43:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/9/2012 1:27:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/9/2012 3:28:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/9/2012 4:25:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/10/2012 8:12:00 AM	Mojave Solar	Ray Romero	-	Alpha East	1	Flying	No	N/A	N/A	-	-	-	-	-
5/10/2012 10:30:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/10/2012 12:51:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-

Date/Time	Project	Biological Monitor	Additional Biomonitor	Specific Location	Number of Ravens	Raven Activity	Is this a nest site location?	If a nest, is it occupied?	If a nest, was it removed?	Notes	Nest GPS Easting	Nest GPS Northing	Offset Distance (m)	Offset Bearing (degrees)
5/14/2012 6:52:00 AM	Mojave Solar	Peggy Wood	-	Alpha East	2	Ground	No	N/A	N/A	-	-	-	-	-
5/14/2012 8:25:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/14/2012 10:37:00 AM	Mojave Solar	Ray Romero	-	Alpha West	2	Flying	No	N/A	N/A	-	-	-	-	-
5/14/2012 1:43:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/15/2012 7:49:32 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/15/2012 10:27:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/15/2012 11:20:00 AM	Mojave Solar	Ray Romero	-	Alpha West	2	Flying	No	N/A	N/A	-	-	-	-	-
5/15/2012 12:12:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/15/2012 1:50:00 PM	Mojave Solar	Peggy Wood	-	Alpha West	1	Perching	No	N/A	N/A	-	-	-	-	-
5/15/2012 2:13:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Foraging	No	N/A	N/A	-	-	-	-	-
5/15/2012 3:41:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/16/2012 8:09:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/16/2012 9:07:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/16/2012 11:32:00 AM	Mojave Solar	Ray Romero	-	Alpha West	2	Flying	No	N/A	N/A	-	-	-	-	-
5/16/2012 1:11:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/16/2012 3:46:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/17/2012 1:00:54 PM	Mojave Solar	Ron Walker	-	Alpha West	2	Flying	No	N/A	N/A	-	-	-	-	-
5/21/2012 9:44:44 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/21/2012 1:10:47 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-

Date/Time	Project	Biological Monitor	Additional Biomonitor	Specific Location	Number of Ravens	Raven Activity	Is this a nest site location?	If a nest, is it occupied?	If a nest, was it removed?	Notes	Nest GPS Easting	Nest GPS Northing	Offset Distance (m)	Offset Bearing (degrees)
5/21/2012 3:15:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/21/2012 5:22:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/22/2012 7:30:26 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/22/2012 10:12:00 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/22/2012 1:16:00 PM	Mojave Solar	Ray Romero	-	Beta	3	Flying	No	N/A	N/A	-	-	-	-	-
5/22/2012 2:51:00 PM	Mojave Solar	Ray Romero	-	Lockhart Rd	2	Perching	No	N/A	N/A	-	-	-	-	-
5/22/2012 3:57:02 PM	Mojave Solar	Ray Romero	-	Lockhart Rd	1	Ground	No	N/A	N/A	-	-	-	-	-
5/23/2012 10:11:04 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/23/2012 1:24:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/23/2012 2:54:26 PM	Mojave Solar	Ron Walker	-	Alpha West	5	Flying	No	N/A	N/A	-	-	-	-	-
5/24/2012 8:57:08 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/25/2012 8:27:13 AM	Mojave Solar	Ron Walker	-	Alpha West	6	Foraging	No	N/A	N/A	-	-	-	-	-
5/29/2012 8:37:39 AM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/29/2012 10:39:00 AM	Mojave Solar	Ray Romero	-	Alpha West	2	Flying	No	N/A	N/A	-	-	-	-	-
5/29/2012 12:40:23 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/29/2012 4:24:00 PM	Mojave Solar	Ray Romero	-	Alpha West	1	Flying	No	N/A	N/A	-	-	-	-	-
5/30/2012 7:27:37 AM	Mojave Solar	Ray Romero	-	Alpha West	2	Flying	No	N/A	N/A	-	-	-	-	-
5/30/2012 10:45:49 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-
5/31/2012 10:54:43 AM	Mojave Solar	Ray Romero	-	Beta	1	Flying	No	N/A	N/A	-	-	-	-	-

Date/Time	Project	Biological Monitor	Additional Biomonitor	Specific Location	Number of Ravens	Raven Activity	Is this a nest site location?	If a nest, is it occupied?	If a nest, was it removed?	Notes	Nest GPS Easting	Nest GPS Northing	Offset Distance (m)	Offset Bearing (degrees)
5/31/2012 8:51:39 PM	Mojave Solar	Ron Walker	-	Alpha West	2	Flying	No	N/A	N/A	-	-	-	-	-

NON-DISTURBANCE BUFFER DATA

Date/Time	Project	Biological Monitor	Additional Biomonitor	Specific Location	Sensitive species for which buffer is required	GPS Identification Code	Erosion control fencing in place?	Is the sensitive species for which buffer is required inside the buffer?	Is the sensitive species for which buffer is required outside the buffer?	Is the current buffer/fencing sufficient to avoid the sensitive resource?	Is adaptive management required to avoid the sensitive resource?	Is all stockpiling located away from non-disturbance buffer areas?	Notes
5/9/2012 7:57:51 AM	Mojave Solar	Ray Romero	-	Alpha West	Kit Fox	1	Yes	Yes	No	Yes	No	Yes	-
5/10/2012 10:16:00 AM	Mojave Solar	Peggy Wood	-	Alpha East	Kit Fox	2	Yes	No	Yes	Yes	No	Yes	Notified ASI of new finding. Fenced & signed along Lockhart. Will announce @ safety meeting in morning.
5/11/2012 7:45:00 AM	Mojave Solar	Holly Hill	-	Alpha West	Kit Fox	Kf family west Lockhart	No	Yes	Yes	Yes	No	N/A	Kf activity observed at exposed pipe opening in south channel.
5/14/2012 7:00:00 AM	Mojave Solar	Holly Hill	-	Alpha West	Kit Fox	Kf Lockhart east and west	Yes	No	Yes	No	Yes	Yes	-
5/15/2012 8:00:00 AM	Mojave Solar	Holly Hill	-	Alpha East	Desert Tortoise	Lockhart	Yes	No	No	Yes	Yes	Yes	Kf buffer only established linearly capturing den locations activity continues on Lockhart in immediate area of dens.
5/16/2012 8:45:00 AM	Mojave Solar	Holly Hill	-	Alpha West/Alpha East	Kit Fox	AE/AW	Yes	N/A	No	No	Yes	N/A	Buffer checked for integrity; minor repairs made. Road grading staked within buffer. DB notified and confirmed no vegetation removal will occur in buffer. Ray Romero BM for that activity notified.
5/17/2012 11:38:35 AM	Mojave Solar	Holly Hill	-	Alpha West/Alpha East	Kit fox	Kf	Yes	No	Yes	Yes	Yes	N/A	-
5/18/2012 5:25:21 PM	Mojave Solar	Holly Hill	-	Alpha West/Alpha East	Kit fox	Kf	Yes	Yes	Yes	Yes	Yes	Yes	Monitoring for kf activity inside project area/unconfirmed.
5/21/2012 7:00:00 AM	Mojave Solar	Holly Hill	-	Alpha East/Alpha West	Kit fox	Kf	Yes	No	No	Yes	Yes	N/A	-
5/22/2012 1:49:48 PM	Mojave Solar	Holly Hill	-	Alpha East	KF	Kf	Yes	Yes	Yes	No	Yes	N/A	-

Date/Time	Project	Biological Monitor	Additional Biomonitor	Specific Location	Sensitive species for which buffer is required	GPS Identification Code	Erosion control fencing in place?	Is the sensitive species for which buffer is required inside the buffer?	Is the sensitive species for which buffer is required outside the buffer?	Is the current buffer/fencing sufficient to avoid the sensitive resource?	Is adaptive management required to avoid the sensitive resource?	Is all stockpiling located away from non-disturbance buffer areas?	Notes
5/23/2012 10:34:23 AM	Mojave Solar	Holly Hill	-	Alpha East/Alpha West	Kit fox	Kf	No	Yes	Yes	No	Yes	N/A	Buffer fencing/signage down due to heavy winds; temporary repairs made w/plans to reconstruct with stronger materials later in the day. kit fox observed crossing Lockhart Rd. East of buffer at approx. 08:30 am. Buffer on AW side re-enforced in afternoon;
5/23/2012 1:30:00 PM	Mojave Solar	Andrea Currylow	-	Alpha West	Kit Fox	South of AW	No	Yes	Yes	No	Yes	Yes	Repaired signs and added T-posts to flagged buffer along road. Even with these repairs and modest improvements, this buffer is insufficient to protect the resources from vehicular harm. Live kit fox seen running across road just prior to repairs.
5/23/2012 3:00:00 PM	Mojave Solar	Andrea Currylow	-	Alpha East	Kit Fox	South of AE	No	Yes	No	No	Yes	Yes	Buffer staking and flagging is insufficient for adequate protection of resources. Buffer is linear and only approx 20ft wide. Traffic and construction activities threaten this resource.
5/23/2012 3:29:03 PM	Mojave Solar	Ray Romero	-	Alpha West	Kit Fox	1 and 2	Yes	Yes	No	Yes	No	Yes	-
5/29/2012 5:00:00 PM	Mojave Solar	Holly Hill	-	Alpha East/Alpha West	Kit Fox	Kf	Yes	N/A	No	No	Yes	N/A	-
5/30/2012 6:00:00 AM	Mojave Solar	Holly Hill	-	Alpha East/Alpha West	Kf	Kf	Yes	N/A	No	No	Yes	N/A	-
5/30/2012 3:27:36 PM	Mojave Solar	Holly Hill	-	Alpha East/Alpha West	Kit Fox	Kf	No	Yes	Yes	N/A	Yes	No	Completely out of compliance with buffer and any mitigation planning.

Note from Mojave Solar LLC: This comment is incorrect and misleading. It was the opinion of a disgruntled employee who has since left the project. The work was properly coordinated with the Designated Biologist, and the kit foxes were not disturbed.

ATTACHMENT 5
WILDLIFE SPECIES DETECTED DURING MAY SURVEYS AND MONITORING

ATTACHMENT 5 – SPECIES OBSERVATIONS

Common Name	Scientific Name	Order	Family	Federal Status (Endangered/Threatened)	California Status (Endangered/Threatened)	California Native Plant Society Status (Applies to Plant Species Only)
Invertebrates						
Reptiles & Amphibians						
Long-Nosed Leopard Lizard	*Gambelia wislizenii*	Squamata	Crotaphytidae	none	none	N/A
Zebratail Lizard	*Callisaurus draconoides*	Squamata	Phrynosomatidae	none	none	N/A
Side-Blotched Lizard	*Uta stansburiana*	Squamata	Phrynosomatidae	none	none	N/A
Great Basin Whiptail	*Aspidoscelis tigris tigris*	Squamata	Teiidae	none	none	N/A
Coachwhip	*Masticophis flagellum*	Squamata	Colubridae	none	none	N/A
Desert Tortoise	*Gopherus agassizii*	Cryptodeira	Testudinidae	Threatened	Threatened	N/A
Birds						
Turkey Vulture	*Cathartes aura*	Accipitriformes	Cathartidae	none	none	N/A
Vaux's Swift	*Chaetura vauxi*	Apodiformes	Apodidae	none	none	N/A
Lesser Nighthawk	*Chordeiles acutipennis*	Caprimulgiformes	Caprimulgidae	none	none	N/A
California Gull	*Larus californicus*	Charadriiformes	Laridae	none	None	N/A
American Avocet	*Recurvirostra americana*	Charadriiformes	Recurvirostridae	none	none	N/A
Rock Pigeon	*Columba livia*	Columbiformes	Columbidae	none	none	N/A
Mourning Dove	*Zenaida macroura*	Columbiformes	Columbidae	none	none	N/A
Greater Roadrunner	*Geococcyx californianus*	Cuculiformes	Cuculidae	none	none	N/A
Swainson's Hawk	*Buteo swainsoni*	Falconiformes	Accipitridae	None	Threatened	N/A
Horned Lark	*Eremophila alpestris*	Passeriformes	Alaudidae	none	none	N/A
California Horned Lark	*Eremophila alpestris actia*	Passeriformes	Alaudidae	None	None	N/A
Western Tanager	*Piranga ludoviciana*	Passeriformes	Cardinalidae	none	none	N/A

Common Name	Scientific Name	Order	Family	Federal Status (Endangered/Threatened)	California Status (Endangered/Threatened)	California Native Plant Society Status (Applies to Plant Species Only)
Common Raven	*Corvus corax*	Passeriformes	Corvidae	none	none	N/A
Sage Sparrow	*Amphispiza belli*	Passeriformes	Emberizidae	none	none	N/A
Black-Throated Sparrow	*Amphispiza bilineata*	Passeriformes	Emberizidae	none	none	N/A
Savannah Sparrow	*Passerculus sandwichensis*	Passeriformes	Emberizidae	none	none	N/A
Barn Swallow	*Hirundo rustica*	Passeriformes	Hirundinidae	none	none	N/A
Northern Mockingbird	*Mimus polyglottos*	Passeriformes	Mimidae	none	none	N/A
Townsend's Warbler	*Dendroica townsendi*	Passeriformes	Parulidae	none	none	N/A
Say's Phoebe	*Sayornis saya*	Passeriformes	Tyrannidae	none	none	N/A
Mammals						
Coyote	*Canis latrans*	Carnivora	Canidae	none	none	N/A
Desert Kit Fox	*Vulpes macrotis arsipus*	Carnivora	Canidae	none	none	N/A
Black-Tailed Jackrabbit	*Lepus californicus*	Lagomorpha	Leporidae	none	none	N/A
Desert Cottontail	*Sylvilagus audubonii*	Lagomorpha	Leporidae	none	none	N/A
Desert Pocket Mouse	*Chaetodipus penicillatus*	Rodentia	Heteromyidae	none	none	N/A
Desert Kangaroo Rat	*Dipodomys deserti*	Rodentia	Heteromyidae	none	none	N/A
Merriam's Kangaroo Rat	*Dipodomys merriami*	Rodentia	Heteromyidae	none	none	N/A
Deer Mouse	*Peromyscus maniculatus*	Rodentia	Muridae	none	none	N/A
White-Tailed Antelope Squirrel	*Ammospermophilus leucurus*	Rodentia	Sciuridae	none	none	N/A
Nelson's Antelope Squirrel	*Ammospermophilus nelsoni*	Rodentia	Sciuridae	none	Threatened	N/A

ATTACHMENT 6
CALIFORNIA NATIVE SPECIES
FIELD SURVEY FORMS (CNDDB)

Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95811
Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov

Date of Field Work (mm/dd/yyyy): 5-11-12

For Office Use Only

Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: Gopherus agassizii

Common Name: Desert tortoise

Species Found? ☑ Yes ☐ No — If not, why?

Total No. Individuals 1 Subsequent Visit? ☐ yes ☑ no

Is this an existing NDDB occurrence? _____ (Yes, Occ. #) ☑ no ☐ unk.

Collection? If yes: _____ (Number) _____ (Museum / Herbarium)

Reporter: Peggy Wood
Address: 1133 North Cedarview Dr.
Bozeman MT 59715
E-mail Address: peggywoodmt@gmail.com
Phone: 435-881-6444

Plant Information

Phenology: 85 % vegetative, 15 % flowering, ____ % fruiting

Animal Information

# adults	# juveniles	# larvae	# egg masses	# unknown
	1 immat.			

☐ wintering ☐ breeding ☐ nesting ☐ rookery ☐ burrow site ☒ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Beside Harper Lake Road.

County: San Bernardino Landowner / Mgr.: _____
Quad Name: _____ Elevation: 1875
T____ R____ Sec ____, ____ ¼ of ____ ¼, Meridian: H☐ M☐ S☐ Source of Coordinates (GPS, topo. map & type): [redacted]
T____ R____ Sec ____, ____ ¼ of ____ ¼, Meridian: H☐ M☐ S☐ GPS Make & Model Garmin Map 60CS
DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy +3m meters/feet
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ *OR* Geographic (Latitude & Longitude) ☐
Coordinates: 469868 E
3871032 N

Habitat Description (plants & animals) *plant communities, dominants, associates, substrates/soils, aspects/slope:*
Animal Behavior *(Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):*

LATR with Atriplex dominant. Few cheesebush.
Walking along fenceline of Harper Lake Rd.

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☐ Good ☒ Fair ☐ Poor

Immediate AND surrounding land use: Harper Lake Road

Visible disturbances:

Threats: road

Comments: Walked off roadway through opening in fenceline.

Determination: *(check one or more, and fill in blanks)*
☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☒
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? yes ☑ no ☐

Mail to:
California Natural Diversity Database
Department of Fish and Game
1807 13th Street, Suite 202
Sacramento, CA 95811
Fax: (916) 324-0475 email: CNDDB@dfg.ca.gov

Date of Field Work (mm/dd/yyyy): 5/14/12

For Office Use Only

Source Code _____ Quad Code _____
Elm Code _____ Occ. No. _____
EO Index No. _____ Map Index No. _____

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: Gopherus agassizzii

Common Name: Desert tortoise

Species Found? ☑ Yes ☐ No — If not, why?

Total No. Individuals 1 Subsequent Visit? ☐ yes ☑ no

Is this an existing NDDB occurrence? _____ Yes, Occ. # ☐ no ☑ unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Peggy Wood
Address: 1133 North Cedarview Dr.
Bozeman MT 59715
E-mail Address: peggywoodmt@gmail.com
Phone: 435-881-6444

Plant Information

Phenology: 95 % vegetative, 5 % flowering, 0 % fruiting

Animal Information

# adults	# ~~juveniles~~ immature	# larvae	# egg masses	# unknown
	1			

☐ wintering ☐ breeding ☐ nesting ☐ rookery ☐ burrow site ☑ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Side of Harper Lake Road, ¼ mile S from RR.

County: San Bernardino Landowner / Mgr.: _____

Quad Name: _____ Elevation: 2248

T____ R____ Sec ____, ____ ¼ of ____ ¼, Meridian: H☐ M☐ S☐ Source of Coordinates (GPS, topo. map & type): GPS

T____ R____ Sec ____, ____ ¼ of ____ ¼, Meridian: H☐ M☐ S☐ GPS Make & Model Garmin Map 60csx

DATUM: NAD27 ☐ NAD83 ☑ WGS84 ☐ Horizontal Accuracy ± 3m meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☑ *OR* Geographic (Latitude & Longitude) ☐

Coordinates: 469882 E
3866396 N

Habitat Description (plants & animals) *plant communities, dominants, associates, substrates/soils, aspects/slope:*
Animal Behavior *(Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):*

Atriplex dominant, occassional LATR. Tortoise reported on roadway, found walking along E-fence line minutes later.

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): ☐ Excellent ☐ Good ☑ Fair ☐ Poor

Immediate AND surrounding land use: Harper Lake Road

Visible disturbances: road + RR

Threats: road + RR.

Comments:

Determination: *(check one or more, and fill in blanks)*

☐ Keyed (cite reference): _____
☐ Compared with specimen housed at: _____
☐ Compared with photo / drawing in: _____
☐ By another person (name): _____
☐ Other: _____

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☒
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? yes ☑ no ☐

ATTACHMENT 7
DESERT TORTOISE CLEARANCE
SURVEY DATA SHEET FORMS

3874305	PW	3874305	AC	3874295	AC	3874290	AC	3874285					
3874300	AC	3874305	AC	~~3874300~~		3874290	AC						
3874305	AC	3874295	AC	~~3871300~~		3874285	AC						
3874300	PW	3874295	PW	3874290	AC	3874285	PW						

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

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 5/8/12 **Construction to begin:** 5/8/12 **Page** 1 **of** 1

Site: Lockhart Rd-West **Location:** HL to SW AW on Lockhart **Proposed Construction Activity:** grading & clearing

Pass 1/2/3	Survey Direction	UTM Start	UTM End
✓	N/S (easting)	0469857	0468200
✓	E/W (northing)	3874293	3874290
✓	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	0558	52	1-2	0%
Mid-day	1745	92.4	8	1-3%
End				

Surveyor	AB/BM	GPS	GPS w/ Data?
P. Wood	(AB) BM	Indio3	Y N
A. Curry low	(AB) BM		Y N
	AB BM		Y N
	AB/BM		Y N
	AB/BM		Y N

Burrow Clearance Data:

GPS Data			Burrow Data					Other		
GPS Ident Code	Easting	Northing	Class (1-5)	Dimensions (WxHxD)	Orient-ation	Excavated ?	Nest check? ~	Ground Temp**	Observed Species^	Comments
~~AKFIH001~~	~~468937~~	~~3874299~~		x x cm		Y N	Y N			
ADCPW002	468713	3874286	5	- - - x x cm	—	~~Y N~~	~~Y N~~	—	—	Shell fragments - very old & scattered
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			

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

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

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

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

468205	AC	468195	PW										
468205	PW	468195	AC										
468200	PW	468190	AC										
468200	AC	468190	PW										

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

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 5 / 8 / 12 **Construction to begin:** 5 / 9 / 12 **Page** 1 **of** 1

Site: Lockhart Rd, N **Location:** West of Alpha West **Proposed Construction Activity:** grading & clearing

Pass 1/2/3	Survey Direction	UTM Start	UTM End
✓	N/S (easting)	0468205	0468190
✓	E/W (northing)	3874310	3875935
	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	1830	38.6	6.4	3%
Mid-day	↓	101.	↓	↓
End	1805	93.5	2.6	1%

Surveyor	AB/BM	GPS	GPS w/ Data?
P. Wood	(AB) BM	India3	Y N
A. Curryflow	(AB) BM	India3	Y N
	AB BM		Y N
	AB/BM		Y N
	AB/BM		Y N

Burrow Clearance Data:

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

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

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

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

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

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

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 5/14/12 **Construction to begin** 5/15/12 **Page** 1 **of** 1

Site: MSPP **Location:** Lockhart Road **Proposed Construction Activity:** Road Grading

Pass 1/2/3	Survey Direction	UTM Start	UTM End
1/2	N/S (easting)	3874320	3874300
	E/W (northing)	0468205	0468180
	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	1230	92	10	0
Mid-day				
End	500	95	10	0

Surveyor	AB/BM	GPS	GPS w/ Data?
RK	(AB) BM	SMG	(Y) N
	AB BM		Y N
	AB BM		Y N
	AB/BM		Y N
	AB/BM		Y N

Tracks

Burrow Clearance Data:

GPS Data			Burrow Data					Other		
GPS Ident Code	Easting	Northing	Class (1-5)	Dimensions (WxHxD)	Orient-ation	Excavated ?	Nest check? ~	Ground Temp**	Observed Species^	Comments
N/A	—	—	—	x x cm	—	Y N	Y N	—	—	No sign observed
				x x cm		Y N	Y N			Tracks on while walking transects
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			

* Ambient temp measured 5 cm above ground surface in shade, protected from wind
** Ground temperature measured on ground surface, in full sun, with thermometer in shadow of observer
~ If tortoise nest site found, complete datasheet for nest excavation
^ If desert tortoise found in burrow, complete tortoise detection area on page 2, DT health sheet

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

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 5/15/12 Construction to begin: 5/16/12 Page 1 of ___

Site: MSPP Location: Lockhart Road Proposed Construction Activity: Road Grading

Pass 1/2/3	Survey Direction	UTM Start	UTM End
1/2	N/S (easting)	3874310	3874274
	E/W (northing)	0468205	0468207
	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	700	62	5	0
Mid-day				
End	130	91	5	0

Surveyor	AB/BM	GPS	GPS w/ Data?	
dk	(AB) BM	SM6	(Y) N	tracks waypoint
	AB BM		Y N	
	AB BM		Y N	
	AB/BM		Y N	
	AB/BM		Y N	

Burrow Clearance Data:

GPS Data			Burrow Data					Other		
GPS Ident Code	Easting	Northing	Class (1-5)	Dimensions (WxHxD)	Orient-ation	Excavated ?	Nest check? ~	Ground Temp**	Observed Species^	Comments
~~MSPDTBFRR 5/15/12~~	3874270	0468628	5	x x cm		Y N	Y N		DT	Bone fragment (1)
MSP DTBFRR 5/15/12				x x cm		Y N	Y N			Tracks on while walking transects
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			

* Ambient temp measured 5 cm above ground surface in shade, protected from wind
** Ground temperature measured on ground surface, in full sun, with thermometer in shadow of observer
~ If tortoise nest site found, complete datasheet for nest excavation
^ If desert tortoise found in burrow, complete tortoise detection area on page 2, DT health sheet

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

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 5/21/12 Construction to begin: 5/22/12 Page 1 of 1

Site: MSP Location: Lockhart Rd Proposed Construction Activity: Road realignment

Pass 1/2/3	Survey Direction	UTM Start	UTM End
1/2	N/S (easting)	3874245	3874237
1/2	E/W (northing)	0472028	0472407
	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	1006	89	0	0
Mid-day				
End	1120	93	0	0

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

Burrow Clearance Data:

GPS Data			Burrow Data					Other		
GPS Ident Code	Easting	Northing	Class (1-5)	Dimensions (WxHxD)	Orient-ation	Excavated ?	Nest check? ~	Ground Temp**	Observed Species^	Comments
N/A	—	—	—	— x x cm	—	— Y N	— Y N	—	—	No DT sign observed
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			

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

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

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

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

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

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 5/21/12 Construction to begin: 5/22/12 Page 1 of 1

Site: NISP Location: Beta Proposed Construction Activity: DT-Fence Realignment

Pass 1/2/3	Survey Direction	UTM Start	UTM End
1/2	N/S (easting)	3873630	3873535
1/2	E/W (northing)	0473077	0473092
	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	1150	93	0	0
Mid-day				
End	1212	94	0	0

Surveyor	AB/BM	GPS	GPS w/ Data?
AB	(AB) BM	SM6	(Y) N
	AB BM		Y N
	AB BM		Y N
	AB/BM		Y N
	AB/BM		Y N

Burrow Clearance Data:

GPS Data			Burrow Data					Other		
GPS Ident Code	Easting	Northing	Class (1-5)	Dimensions (WxHxD)	Orient-ation	Excavated ?	Nest check? ~	Ground Temp**	Observed Species^	Comments
N/A	—	—	—	— x x cm	—	— Y N	— Y N	—	—	No DT sign observed
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			

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

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

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

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

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

DESERT TORTOISE CLEARANCE SURVEY DATA SHEET

Survey Date: 5/30/12 Construction to begin: 5/31/12 Page 1 of 1

Site: MSPP Location: Kola East Proposed Construction Activity: Drainage channel

Pass 1/2/3	Survey Direction	UTM Start	UTM End
1/2	N/S (easting)	3873639	3873552
1/2	E/W (northing)	0473078	0473071
	Other_____		

	Time	Ambient Temp*	Wind	Weather % Cloud
Start	1235	88	0	0
Mid-day				
End	1255	88	0	0

Surveyor	AB/BM	GPS	GPS w/ Data?
RR	(AB) BM	SMG	(Y) N
	AB BM		Y N
	AB BM		Y N
	AB/BM		Y N
	AB/BM		Y N

Burrow Clearance Data:

GPS Data			Burrow Data					Other		
GPS Ident Code	Easting	Northing	Class (1-5)	Dimensions (WxHxD)	Orient-ation	Excavated ?	Nest check? ~	Ground Temp**	Observed Species^	Comments
—	—	—	—	— x x cm	—	— Y N	— Y N	—	—	Tracks recorded No DT sign observed
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			
				x x cm		Y N	Y N			

* Ambient temp measured 5 cm above ground surface in shade, protected from wind
** Ground temperature measured on ground surface, in full sun, with thermometer in shadow of observer
~ If tortoise nest site found, complete datasheet for nest excavation
^ If desert tortoise found in burrow, complete tortoise detection area on page 2, DT health sheet

ATTACHMENT 8
NON-COMPLIANCE FORM

NON-COMPLIANCE REPORT

MOJAVE SOLAR PROJECT

NCR Number: 001 **Date:** 5-31-12 **Other Parties at Site:** Abeinsa (Abener-Teyma)

Monitor: Peggy Wood, DB **Time:** 0622

UTM Coordinates: 115 0469074 3874878 **Location Descrip:** Alpha West, Well 31

Non-Compliance Level: ☒ Non-Compliance ☐ Stop Task Order

Land Ownership: ☒ Private ☐ Federal

In Non-Compliance With: ☐ BO ☒ COCs ☒ State Permit ☐ Federal Permit

Mitigation Measure Number/Permit and Condition Number: COC B10-7

Describe Resource Impact (Include Resource Number): Standing water persisting under water tower. Notification of Non-compliance issued 5-30-12

Describe Activity That Resulted in Non-Compliance: Not addressing a dysfunctional sock on the water tower which spills water when loading.

Documentation: ☒ Photo ☐ Video ☐ Drawing ☐ Lab Sample ☐ Other

Communication: ☐ PVSI ☒ CEC CPM ☐ BLM

☐ Contractor /Operator ☐ Other

Requirements for Resolution: Replace sock and/or disperse any and all persistent standing water. The sock was replaced by noon today and the persistent standing water was dispersed.

Resolved by: Peggy Wood (SIGNATURE) Peggy Wood (NAME—PLEASE PRINT) 5-31-12 (DATE)

ATTACHMENT 9
WILDLIFE OBSERVATION (MORTALITY/INJURY) FORMS

ATTACHMENT 9. WILDLIFE INJURY OBSERVATIONS

Date/Time	Biological Monitor	Additional Biomonitor	Specific Location	Species Type	Species Common Name	Condition of Wildlife	Possible Cause of Injury/Death	If dead, how was the animal disposed?	If alive, was the animal relocated outside of harm's way?	Comments	GPS Easting	GPS Northing	Offset Distance (m)	Offset Bearing (degrees)
5/3/2012 8:47:55 AM	Andrea Currylow	-	Alpha West	Terrestrial Mammal	Desert pocket mouse	Dead	Monitor cut/fill	Buried off-site	-	-	0	0	-	-
5/4/2012 10:25:00 AM	Peggy Wood	-	HL RD	Terrestrial Mammal	Black-tailed jackrabbit	Dead	Roadkill	Buried	-	-	-	-	-	-
5/10/2012 5:32:00 AM	Peggy Wood	-	HLR	Terrestrial Mammal	Black-tailed jackrabbit	Dead	Roadkill	Buried	-	-	-	-	-	-
5/14/2012 7:30:00 AM	Holly Hill	-	Alpha East	Snake	Coachwhip	Alive	Not known	-	Yes	Caught in 8-inch irrigation pipe; relocated east of project	-	-	-	-
5/14/2012 12:00:00 PM	Holly Hill	-	Alpha West	Snake	Coachwhip	Dead	Unknown, no apparent injuries	Buried off-site	-	-	-	-	-	-
5/14/2012 1:58:00 PM	Holly Hill	-	Alpha West	Lizard	Great Basin whiptail	Dead	Heat	Buried off-site	-		-	-	-	-
5/15/2012 2:47:00 PM	Peggy Wood	-	Lockhart Road	Lizard	Side-blotched lizard	Dead	Roadkill	Buried	-	-	-	-	-	-
5/15/2012 3:00:00 PM	Holly Hill	-	Harper Lake Road	Insect (excluding butterfly and moth)	Desert scorpion (hairy)	Dead	Buried	Reburied	-	-	-	-	-	-

ATTACHMENT 10
PHOTOGRAPHS

Desert kit fox family with four pups along boundary of Alpha East, 15 feet outside of MSP DT exclusion fence, south of Alpha East, May 13, 2012.

Desert kit fox family with four pups along boundary of Alpha East, 15 feet outside of MSP DT exclusion fence, south of Alpha East, May 13, 2012.

Construction of assembly building in Beta, looking due south (May 2, 2012).

Daily safety tail gate meeting in Beta (May 4, 2012).

Concrete recycling set up in Alpha West, looking due north (May 4, 2012).

Installation of box culverts on Lockhart Road, looking due east (May 11, 2012).

Installation of box culverts on Lockhart Road, looking due east (May 11, 2012).

Sandcrete application along drainage channel walls in Alpha West, looking due north (May 16, 2012).

Installation of rip-rap at end of Alpha East drainage channel, looking due east (May 17, 2012).

Removal of South West Gas pipeline along Harper Lake Road, looking north (May 24, 2012).

APPENDIX C

MOJAVE SOLAR PROJECT
MONTHLY COMPLIANCE REPORT FOR
CULTURAL RESOURCES
SAN BERNARDINO COUNTY, CALIFORNIA

Monthly Compliance Report #14
May 2012 Reporting Period

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

619.233.1454 tel
619.233.0952 fax

June 6, 2012

Dale Rundquist, CPM
(09-AFC-5C)
California Energy Commission
Siting, Transmission & Environment Protection (STEP) Division
1516 Ninth Street (MS-2000)
Sacramento, CA 95814
drundqui@energy.state.ca.us

RE: CUL-1 and CUL-6 Cultural Resources Monitoring and Mitigation Activities at the Mojave Solar Project (MSP) for May 2012

Dear Mr. Rundquist:

On behalf of Mojave Solar LLC, AECOM conducted cultural resources monitoring at the Mojave Solar Project (MSP or Project) site May 1 through May 31, 2012, pursuant to the cultural resources conditions detailed in the California Energy Commission's (CEC) Final Conditions of Certification (COCs) (Abengoa Mojave Solar Project Commission Decision, CEC-800-2010-008-CMF, DOCKET NUMBER 09-AFC-5 September 2010). In addition, worker environmental awareness training for biology, paleontology, and cultural resources was held for field monitors and contractor personnel. Up to 11 monitoring crews were on-site throughout the month. Monitoring crews consisted of one cultural resources monitor and one Native American monitor working in tandem to observe the ground-disturbing work.

Major ground-disturbing activities occurred in all portions of the Project site. Alpha East activities included drilling of a new well on the power block and various trenching activities. Alpha West activities included excavation of the drainage channel, cut and fill operations, pipe demolition, installation of foundation piles, and earth balancing work. Activities on the eastern portion of Beta consisted of cut and fill operations, excavations of the drainage channel, and earth balancing work; installation of foundation piles was the only activity subject to cultural monitoring in the western portion of Beta. Realigning the desert tortoise fence and excavations associated with the two road culverts occurred along Lockhart Road, and road widening, grading, and trenching activities occurred along Harper Lake Road.

Depending on the amount of work being done, there were up to 11 sets of monitors (cultural and Native American) on-site at one time during May. Cultural resources monitors were Jennifer Bencze, Mark Campbell, Kyle Griffith, Kurt Lambert, Laura Maria, Evan Mills, Robin Mitchell, Epie Pius, Thomas Sowles, Bruno Texier, and Max Wolk. Native American monitors were Rebecca Brierty, Steven Brierty, Vanessa Brierty, Aaron Cruz, Howie Diaz, Natasha Eagan, David Elliot, Dave Elliot, Tommy Herrera, Ray Huaute, David Lara, Ben Leash, and Justin Linton. Monitors were present during all ground-disturbing activities.

Artifacts were discovered on a number of days in Alpha West, Alpha East, and the eastern portion of Beta where construction activities occurred. The majority of the artifacts were found in Alpha West; however, several artifacts were also discovered in Alpha East, the eastern portion of Beta, and along Lockhart Road. A total of 24 artifacts were recovered in May: 15 flakes, two core fragments, one edge-modified flake, a biface and biface fragment, a mano and mano fragment, and two pieces of possible shatter. The isolates were recorded, collected, and sent to the AECOM laboratory in San Diego for temporary curation. State Parks site forms were completed for the new resources and will be submitted to the information center at the San Bernardino County Museum.

Sincerely,

Stephanie Jow
Alternate Cultural Resources Specialist
On Behalf of Patrick McGinnis, Cultural Resources Specialist

APPENDIX D

MOJAVE SOLAR PROJECT
MONTHLY COMPLIANCE REPORT FOR
PALEONTOLOGICAL RESOURCES
SAN BERNARDINO COUNTY, CALIFORNIA

Monthly Compliance Report #14
May 2012 Reporting Period

SWCA®
ENVIRONMENTAL CONSULTANTS
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150 S. Arroyo Parkway, 2nd Floor
Pasadena, CA 91105
Tel 626.240.0587 Fax 626.240.0607
www.swca.com

Mr. Dale Rundquist, CPM
(09-AFC-5C)
California Energy Commission
1516 Ninth Street (MS-2000)
Sacramento, CA 95814

June 11, 2012

RE: PAL-5, Summary of paleontological monitoring and mitigation activities at the Mojave Solar Project for May 2012

Dear Mr. Rundquist:

This letter is to update you on paleontological monitoring and mitigation activities performed by SWCA Environmental Consultants at the Mojave Solar Project (MSP) site during the period of May 1 through May 31, 2012. SWCA's Paleontological Resources Manager monitored on-site full time during drilling operations in Alpha West, Alpha East, and the eastern portion of Beta; excavation operations in Alpha West and Alpha East; and mass grading operations in the eastern and western portions of Beta. All monitoring activities occurred in Quaternary alluvium.

During monitoring, SWCA's paleontologists recorded 15 invertebrate fossil localities, two vertebrate fossil localities, and one both invertebrate and vertebrate material locality (see Table 1). The invertebrate localities yielded fragmentary to complete bivalve and gastropod tests, and the vertebrate localities yielded fragments of teeth, a lagomorph astragalus, and partially fossilized diagnostic bone and bone shards. Analysis is on-going. Fossil material from the 16 invertebrate localities was recorded at various depths, ranging from the surface to approximately 16 feet below the surface. All significant fossil material was collected, and no significant fossil resources were impacted by construction activity. No concerns regarding paleontological resources were identified during paleontological monitoring in May 2012.

It is a pleasure working with you on this project. If you have any questions please do not hesitate to contact me at (626) 240-0587, ext. 6605 or ccorsetti@swca.com.

Respectfully,

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

SWCA
ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.

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Table 1. Fossil Localities Recorded during May at the Mojave Solar Project Site

Locality Number	Date	Taxon	Element	Found by	ID By	Collected (Y/N)	Reason ([Non]Significant Fossil Occurrence)
May							
EIL050212-1	5/2/2012	Gastropod	Shell	Edward Linden	Edward Linden	Y	Nearly complete and diagnostic
EIL050312-1	5/3/2012	Gastropod	Shell	Edward Linden	Edward Linden	Y	Nearly complete and diagnostic
EIL050312-2	5/3/2012	Gastropod	Shell	Edward Linden	Edward Linden	N	Crushed and fragmentary; unidentifiable
EIL050412-1	5/4/2012	Gastropod	Shell	Edward Linden	Edward Linden	Y	Nearly complete and diagnostic
EIL050712-1	5/7/2012	Gastropod	Shell	Edward Linden	Edward Linden	N	Fragmentary and unidentifiable
EIL050912-1	5/9/2012	Bivalve	Shell	Edward Linden	Edward Linden	N	Fragmentary and unidentifiable
EIL050912-2	5/9/2012	Gastropod	Shell	Edward Linden	Edward Linden	Y	Nearly complete and diagnostic
EIL051012-1	5/10/2012	Bivalve	Shell	Edward Linden	Edward Linden	Y	Nearly complete and diagnostic
EIL051112-1	5/11/2012	Gastropod and Bivalve	Shell	Edward Linden	Edward Linden	Y	Nearly complete and diagnostic
EIL051112-2	5/11/2012	Gastropod	Shell	Edward Linden	Edward Linden	N	Fragmentary and unidentifiable
EIL051412-1	5/14/2012	Bivalve	Shell	Edward Linden	Edward Linden	N	Fragmentary and unidentifiable
EIL051412-2	5/14/2012	Gastropod and Bivalve	Shell	Edward Linden	Edward Linden	Y	Complete and diagnostic
EIL052112-1	5/21/2012	Mammal	Tooth	Edward Linden	Edward Linden	Y	Possibly diagnostic
EIL052312-1	5/23/2012	Lagomorph	Astragalus	Edward Linden	Edward Linden	Y	Complete and diagnostic
EIL052912-1	5/29/2012	Bivalve	Shell	Edward Linden	Edward Linden	N	Fragmentary and unidentifiable
EIL053012-1	5/30/2012	Gastropod	Shell	Edward Linden	Edward Linden	Y	Nearly complete and diagnostic
EIL053112-1	5/31/2012	?Mammal and Mollusks	Teeth, Bone, and Shell	Edward Linden	Edward Linden	Y	Diagnostic
EIL053112-2	5/31/2012	Gastropod and Bivalves	Shell	Edward Linden	Edward Linden	Y	Nearly complete

Appendix E
Worker Safety

Monthly Safety Inspection Report
John Rusin, Construction Safety Manager
May 2012

• Record of all employees trained for the month

247 New employee orientations have been completed the month on May.
184 Visitor Safety Orientations were completed to date
704 New employee Orientations completed to date.
Weekly Safety Meeting and daily Task Safety Awareness Meetings included: Excavations and Shoring, Heat Stress, Good Housekeeping, and Fire prevention.

• Summary report of safety management actions and safety-related incidents occurring during the month;

05/23/2012 The site was officially shut down early due to high winds and dust issues.

05/22/2012 While finishing the casing run, a driller for Layne Christenson hit his hand on the lid of a welding rod container and ended up needing 3 stiches. This is our first recordable only first aid case

05/09/2012 While moving heavy equipment on Lockhart Road, a drill rig for Straight Line hooked an abandoned telephone line and as a result snapped a power pole. The Load was over 20 feet high. California D.O.T. requires all loads transported on public roads be a maximum of 14 foot in height.

• Report of any continuing or unresolved situations and incidents that may pose danger to life or health;

Maintenance on Harper lake road has become an issue.

• Report of accidents and injuries that occurred during the month.

We have worked 213,366 hours with one recordable first-aid case.

ABENER TEYMA MOJAVE

Safety Conditions Check List

Internal by Work Site

Mojave Solar Project	
Activities performed:	
Safety Inspection Report **Record periodically (monthly)** **May, 2012**	

Date:	Time:	Project Name & Number
06/01/2012	4:00 pm	Mojave Solar Project -4A6007

Inspected by:	Title
John R. Rusin	Site Safety Manager
Accompanied by:	**Title**

A	Safety & Risk Management Program Administration & Record Keeping	Values				Comments
		1	2	3	N/A	
1	Is there a Safety Manual, 29CFR1926 and HazCom Manuals available on-site?			3		
2	Are there Weekly Safety meetings (Toolbox Talks) conducted and documented?			3		
3	Is the Weekly Job Safety Inspection conducted and documented?			3		
4	Are the Federal & State Labor Notices posted in a conspicuous location?			3		
5	Are the Emergency phone numbers & Doctors list posted conspicuously?			3		
6	Are the Company vehicle operators authorized per company policy?			3		
7	Are the New employee orientations documented for all new subcontractor employees?			3		
8	Are the PM Follow up letters to subcontractors re: Serious Violations on file?	1				Still waiting for final accident report from Layne Christenson incident on 05/22/2012
9	Is the approved safety plan including the emergency action plan on site?			3		
10	Is the Safety Plan updated to reflect any/all scope changes?			3		
B	**Ladders & Stairways - OSHA Subpart X**	**Values**				**Comments**
1	Are the ladders inspected for defects?			3		
2	Are straight ladders extend 3 ft. above landing?			3		
3	Are straight ladders pitched at 1 ft. out from vertical for every 4 ft. of height?			3		
4	Are straight ladders secured in place?		2			Mobile Modular using ladder in Beta complex not tied off
5	Are the straight ladders equipped with safety feet?			3		

Safety Conditions Check List

Internal by Work Site

6	Are the step ladders used only in open position?			3		
7	Are the stepladders tall enough for job without using top step, second step from top step or platform?			3		
8	Is the use on non-conductive (non metal) ladders only in proximity of electricity?				N/A	
9	Are the stairways, ramps, and landing equipped with rails and handrails?			3		
10	Are the stairways and/or landings in use poured, filled, finished and free of debris, slip, trip or fall hazards?			3		
11	Are the stairways adequately lighted?				N/A	
12	Do the permanent ladders meet OSHA 1910 standards?				N/A	
C	**Fall Protection OSHA - Subpart M**	**Values**				**Comments**
1	Are the floor/roof deck openings protected with properly secured and marked covers or guardrails?			3		Numerous concrete pipe openings have been discovered and flagged
2	Are the wall openings/open-sided floors protected with fall protection/prevention systems?				N/A	
3	Are the workers exposed to falls of 6' or more provided with and required to use personal fall arrest systems (PFAS) when not protected by guardrails?			3		
4	Are the exposed rebar in work areas properly protected - capped, etc.? Both vertical and horizontal?			3		
5	Are specialty trades, I.e., roofers, ironworkers, etc., working under fall protection plans prepared by them and approved by controlling contractor?			3		
6	Are the PFAS - Harnesses, Lanyards, Anchorage Points, Lifelines and Retractables inspected?			3		
7	Are the anchorage Points 5K per person?			3		
D	**Demolition – OSHA Subpart T**	**Values**				**Comments**
1	Is the Engineering Survey completed and documented?				N/A	
2	Is the work area "Identified & Protected", i.e., electricity, gas, water, sprinkler system?			3		
E	**Scaffolds and Aerial Lifts – OSHA Subpart L**	**Values**				**Comments**
1	Is there a competent Person, designated in writing, assigned to supervise operations and conduct documented daily inspections and on-site full time?		2			Nobody full time.
2	Are the working surfaces 6' or higher equipped with guardrails?			3		
3	Are the working surfaces clear of debris, slip, trip and fall hazards?			3		
4	Are the plumbs, tied in as necessary, safe footing, base plates, mudsills assembled and erected properly -? Are they equipped with all pins and bracing? Is a complete platform?			3		

Safety Conditions Check List

Internal by Work Site

5	Is there a safe means of access to platform provided?			3		
6	Are the wheels locked on rolling units when platform occupied?				N/A	
7	Are the scaffolds at least 10 ft. from energized power lines?				N/A	
8	Are the workers tied off in articulating boom lift?			3		
9	Is the aerial lift on level surface?			3		
10	Has safety been notified in advance of erecting a suspended scaffold?				N/A	
11	Is there a competent Scaffold Person inspected and signed-off on scaffold prior to each shift daily?				N/A	
11	Is a Tagging system used?				N/A	
F	**Excavations & Trenches – OSHA Subpart P**	**Values**				**Comments**
1	Is there a competent Person, designated in writing, assigned to supervise operations and conduct documented daily inspections and on site full time?		2			Not Full Time
2	Are all excavations and trenches 5 ft. or greater in depth equipped with Protective Systems (shoring/shielding or sloped/benched)?		2			NCM, doing asbestos pipe abatement had trench 6 feet deep with no sloping or shoring. Foreman stated nobody will be working in trench.
3	Are the ladders or other means of quick exit within 25 ft. of lateral travel for workers?			3		
4	Is the Spoil pile at least 3 ft. from edge of excavation or trench?		2			Spoils of trench excavated by NCM 2.3 feet from edge
5	Are the Underground utilities located & marked before excavation starts? (Verify ticket/maps/plans)			3		
6	Are the barricades provided around all open excavations?			3		
7	Is the Equipment kept at proper distance from occupied excavations/trenches to minimize risk of cave-in or equipment falling in on workers?			3		
8	IF 20' OR DEEPER Has Safety been notified?				N/A	
9	IF 20' OR DEEPER, are the protective systems designed by a RPE?				N/A	
10	Are the Surface and subsurface encumbrances identified?			3		
11	Are the Water, atmospheric conditions, & surcharge loads considered?			3		
G	**Motor Vehicles, Mechanized Equipment – OSHA Subpart**	**Values**				**Comments**
1	Are the Tractors, backhoes, other vehicles equipped with operable backup alarms?			3		
2	Are the Operators required wearing seat belts when provided on equipment?			3		
3	Is the Forklift/Lull operator certification documented and available on project?			3		
4	Is a High visible vest worn around earth moving equipment?			3		High visibility vest are required for everybody on site
H	**Electrical – OSHA Subpart K**	**Values**				**Comments**

Safety Conditions Check List

Internal by Work Site

1	Are the Ground fault circuit interrupters (GFCI) used with all temporary wiring, e.g., extension cords and power from welding machines?			3		
2	Is the GFCI in good appearance and in working order?			3		
3	Are All tools and equipment inspected for defects in cords and plugs?			3		
4	Are the Extension cords and ground pins are in good condition?			3		
5	Are the Sources of electricity, such as energized panel boxes, overhead lines, etc., properly marked, barricaded and protected? Inspected by a Qualified Person?				N/A	All power on site provided by generators
6	Is there an adequate lockout/tag out/try out procedures in place to protect employees?			3		
7	Is the Temporary Lighting installed properly? (i.e. parking, construction trailer, & site)				N/A	
I	**Personal Protective Equipment – OSHA Subpart E**	**Values**				**Comments**
1	Is an adequate eye protection available and worn when required?			3		100% eye protection required on site
2	Is a Hearing protection available and used when necessary?			3		
3	Are Hard hats available and worn at all times?			3		
4	Are Work boots with protective toes worn by all employees?			3		
5	Are All employees wearing shirts with sleeves?			3		
6	Is a Hand protection available and in use when required?			3		
7	Is there a Written respirator program available?			3		
8	Are they Using N95 respirators for "voluntary use"?			3		
9	Are the PFAS inspected by employees prior to use?				N/A	
J	**Fire Prevention – OSHA Subpart F**	**Values**				**Comments**
1	Are the flammable/combustible liquids stored away from ignition sources and identified by warning signs?			3		
2	Are the approved metal safety cans utilized for storing all liquid flammables?			3		
3	Are the fuel tanks surrounded by containment and 20' from building?			3		
4	Is an Adequate number of charged fire extinguishers available? Within 75'?			3		
5	Are the Extinguishers properly located, protected, Inspected?			3		Nicolas Gallo Massa has requested fire extinguishers on all generators. Rental companies are complying
6	Are the Flammable/combustible debris & storage kept away from welding & cutting?			3		
K	**Welding & Cutting - OSHA Subpart J**	**Values**				**Comments**
1	Are welding leads in good condition?			3		

Safety Conditions Check List

Internal by Work Site

2	Is a Portable fire extinguisher located within 20' of all welding operations?			3		
3	Are Fire blankets available and used to cover combustible material located around welding operations?		2			
4	Are Hot Work Permits used when required?			3		
5	Is an Adequate use of fire curtains to enclose and shield welding operations?		2			
6	Are Hoses, torches, and gauges free from defects, dirt and hydrocarbons such as oil and grease?			3		
7	Are Regulators provided with flash arrestors?			3		
8	Are Welding / cutting helmets, eye protection, gloves, bibs, face shields available and properly used when necessary?			3		
9	Are the Stored oxygen and fuel cylinders separated by a minimum of 20 ft. with valve protection caps in place?			3		
10	Are All cylinders firmly secured in upright position?			3		
11	Are Cylinders secured to welding cart, valve closed and caps on when not in use?			3		
12	Are Empty and full cylinders separated and marked?			3		
13	Are Flammable gas cylinders and oxygen gas cylinders are separated 20' apart?			3		
L	**Tools – Hand & Powered – OSHA Subpart I**	**Values**				**Comments**
1	Are Tools and equipment in good condition?			3		
2	Is the Defective equipment tagged as such and removed from work area?			3		
3	Are Tools and equipment guards and handles in place and in good condition?			3		
4	Are the Powder actuated tool operators properly trained and documented?				N/A	
M	**Confined Space Entry - OSHA 29CFR1910.146**	**Values**				**Comments**
1	Is a competent Person / Entry Supervisor designated in writing? On site full time?				N/A	
2	Is an Entry permit properly issued prior to work starting?				N/A	
3	Is the Air sampling equipment available and properly used? Calibrated?				N/A	
4	Are the Air samples show acceptable oxygen concentrations of (19.5% to 23.5%)?				N/A	
5	Are the Air samples show space is free of toxic/flammable/explosive gases?				N/A	
6	Is there a Trained attendant assigned to maintain constant contact with workers inside space?				N/A	
7	Is there Trained person assigned to recheck air quality frequently throughout the project?				N/A	
8	Is there an Emergency rescue plan and equipment in place?				N/A	
N	**Hazard Communication - OSHA 29CFR1910.1200**	**Values**				**Comments**

Safety Conditions Check List

Internal by Work Site

1	Is there an Abencs, Subcontractor MSDS's available?			3		
2	Is there an Abencs's List of Hazardous Chemicals current?			3		updated inventory and locations of hazardous material complete
3	Is there an Abencs, Subcontractor written programs on site?			3		
4	Are the Containers labelled? Are the Notices posted?	1				50 gallon drum found in Beta not labeled
O	**Health and Safety - OSHA Subparts C & D**	**Values**				**Comments**
1	Is illumination, task lighting adequate?				N/A	
2	Are sanitary facilities adequate and clean?		2			High winds have blown over facilities several times every month
3	Is drinking water properly dispensed and community water containers cleaned and secured?			3		
4	Is First Aid kit stocked including latex gloves and Bloodborne cleanup kit?			3		
5	Are Eye wash stations available & accessible?			3		
P	**Housekeeping - OSHA Subparts C & D**	**Values**				**Comments**
1	Are Suitable containers available for disposal of trash, debris and recyclables?		2			Litter is still a problem on site. We have a full time crew cleaning sand and trash from tortoise fence
2	Are Walkways, aisles, hallways and passageways clear of trash, debris, materials?			3		
3	Are Tools not in use stored in job boxes?			3		
4	Is the Equipment not in use stored properly?			3		
5	Are Pipes and other materials stored kept neatly?			3		
6	Are Appropriate sub-contractors dumpsters available?			3		
Q	**Cranes and Hoists - OSHA Subpart N**	**Values**				**Comments**
1	Are Operator's "daily inspections" available for review?			3		
2	Is there an Annual Inspection and 3rd party crane inspection documented?			3		
3	Are the Swing radius barricaded?			3		
4	Are the Hydraulic crane outriggers padded and on stable ground?			3		
5	Are the Power lines at safe distance? De-energized or protected? (Check clearance heights)			3		
6	Are the Uniform signals properly used?			3		
7	Are Cable and slings regularly inspected and in good condition? Red is dead!			3		
8	Are Operable safety catches provided on load hooks?			3		
9	Is there a Proper rigging used for loads?		2			Sukut subcontractor used forklift with sling to lift load
10	Are the Operator qualifications on site?			3		
11	Is a competent training person involved with safe rigging practices?			3		
R	**Abatement & Remediation - OSHA Subparts D & Z**	**Values**				**Comments**
1	Is the Personnel trained & medically qualified including fit tests? Documentation on site?				N/A	

Safety Conditions Check List

Internal by Work Site

2	Are the three work zones delineated?		2			
3	Are workers wearing the correct level of protection?			3		
4	Is on-going air monitoring documented?				N/A	
5	Are vision panels installed where practical?				N/A	
S	**Public Safety & General Liability – ANSI A.10-30-2001**	**Values**				**Comments**
1	Is an adequate placement of flashers, barricades, signs around excavations and equipment or materials located in foot/vehicle traffic areas?			3		Detour on Lockhart
2	Is Security in place? Is the Access control plan established?			3		
3	Is the fencing erected around laydown/material storage areas?			3		Areas complete with fence. Subcontractor areas are delineated
4	Is the Site lighting meets 5-foot candles?				N/A	Site lighting does not exist
5	Have All contractors submitted COI?				N/A	
6	Are the way (Traffic signs) signs clear?			3		
7	Are the Off-site work hazards identified?			3		
	Safety Deficiency Point Reduction **Inspection Score: 308 /321 = 96%**					

Comments

Entire site cleared of shrubs. This has caused very low visibility due to dust during periods of high winds. During the Month of May there were no official site closures. There were several days that Subcontractors left early.

- Worked 213,366 hours with one recordable inicident.
- 704 New Employee Orientations completed to date.
- 184 Visitor Safety Orientations completed to date.
- 247 New employee orientations have been completed in the month of May.
- Weekly Safety Meeting and daily Task Safety Awareness meetings included Excavations and Shoring, Heat Stress, Good Housekeeping, and Fire prevention.

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Appendix
F

Soil & Water
Waste
Worker-
Safety
General-
Conditions
Civil
Structural
Mechanical
Electrical
Transmission

ABENER TEYMA MOJAVE

13911 Park Avenue, Suite 208
Victorville, CA 92392
Phone: 480-287-1419

Subject:	Mojave Solar Project (09-AFC-5C)
Condition No.:	COMPLIANCE-6
Description:	May 2012 Monthly Compliance Report

June 14, 2012

Mr. Dale Rundquist, CPM
California Energy Commission
1516 Ninth Street (MS-2000)
Sacramento, CA 95814
DRundquist@energy.state.ca.us

Dear Mr. Rundquist,

As required by the California Energy Commission and more specifically by Condition of Certification COMPLIANCE-5, attached please find an update to the following Compliances:

SOIL&WATER-1: The contractor reports that 0 lf (7,785 lf total for project) of fiber rolls and 0 lf (9,313 lf total) of new swale have been installed for the this month. The existing fiber rolls and swales have continued being monitored and maintained. These BMP's have been effective in preventing sediment run off from the site.
The four concrete washout stations (2 in Alpha and 2 in Beta) continue to be effective in preventing dirt and mud from being tracked from the site onto Harper Lake Road.
The entrance/exit rock is continuously maintained.
Street sweeping of sand from Harper Lake Road is occurring on a daily basis as a means of good housekeeping. Some days require more attention than others as a result of the high winds.
Project site areas for the month that have been stabilized are 50 acres for Alpha East (151 acres total), 102 acres in Alpha West (157 acres total), 50 acres in Beta East (114 acres total), and 0 acres in Beta West (35 acres total).
Dust control with water trucks occurs as needed and continues on a daily basis. Please see the Construction Site Stormwater Runoff Control Inspection Form, which is attached

SOIL&WATER-4 : Well abandonment package for the 2nd wave of wells (3, 17, 20, 25,26) submitted to CPM on 05.18.12, CPM approved well abandonments on 05.21.12. Please see attachment.

ABENER TEYMA MOJAVE

13911 Park Avenue, Suite 208
Victorville, CA 92392
Phone: 480-287-1419

SOIL&WATER-5: The running total of water usage for construction purposes from August 30, 2011 to May 30, 2012 is 138,467,500 gallons. To date, there have been 182 working days which equates to 760,810 gal/day. This equates to 13,694,580 gal/month. Please see the attached water log data.

SOIL&WATER-9: The septic plans were submitted to CEC on 04-03-12 for review and approval. CEC approved on 04-23-12.

WASTE-8: All asbestos containing pipe thought to have been extracted from the ground on the site as of 01-27-12. NCM's waste logs are attached. Waste logs were included as part of the January 2012 MCR. Additional asbestos pipe was found in North Alpha West. NCM was brought back on site to remove remaining asbestos pipe. NCM will complete asbestos pipe removal by 06.15.12.

WORKER SAFETY-3: John Rusin has updated the monthly safety inspection report which is included in the safety portion of the MCR.

GEN-2: All engineering disciplines have submitted updated master drawing/spec lists. Please see attached copies.

GEN-6: GEN-6-7.00: Resume for Special Inspector Christopher Cobb submitted to CBO on 05.04.12, CBO approved on 05.07.12. Please see attachment.

CIVIL-1: Civil-1-2.00x7, Grading & Drainage plans submitted to CBO on 05.17.12, CBO approved on 05.18.12. Please see attachment.
Civil-1-3.00x2, Channel construction plans submitted to CBO on 05.17.12, CBO approved on 05.18.12. Please see attachment.
Civil-1-11.00x1, TAB building plans submitted to CBO on 05.14.12, CBO approved on 05.17.12. Please see attachment.
Civil-1-13.00x2, Geotechnical Report Addendum No. 4 submitted to CBO on 05.08.12, CBO approved on 05.14.12. Please see attachment.
Civil-1-14.00, Soil Cement Batch plant submitted to CBO on 05.01.12, CBO approved for reference on 05.02.12. Please see attachment.
Permit for 2 cell box culvert across Lockhart Road submitted to SBC on 03.14.12, approved by SBC on 05.07.12.

STRUC-1: Struc-1-100.00: SPX submittal for approved equivalent materials for the Cooling Towers submitted to CBO on 05.31.12. Please see attachment.

MECH-1: MECH-1-1.00: IFP Steam Generation Area Re-heaters foundation plans issued to CBO on 04.06.12, CBO approved on 05.03.12. Please see attachment.
MECH-1-2.00x1: MT-402 Alpha plant foundation plans issued to CBO on 05.11.12, CBO approved on 05.14.12. Please see attachment.
MECH-1-3.00: MT-402 Raw Water Tank plans issued to CBO on 04.24.12, CBO approved on 05.17.12. Please see attachment.
ELEC-1: Construction temporary power plans submitted to CBO on 03.19.12, CBO approved on 05.09.12. Please see attachment.

TSE-1: The resume for Mohamad (Mike) Alhalabi, P.E. was submitted to CBO on 01-30-12 and approved on 02-06-12 for the position of site Mechanical Engineer.

ABENER TEYMA MOJAVE

13911 Park Avenue, Suite 208
Victorville, CA 92392
Phone: 480-287-1419

Should you have any questions or need any additional information, please do not hesitate to contact me.

Sincerely,

Steven Pochmara
TEYMA USA INC.
13911 Park Avenue, Suite 208
Victorville, CA 92392
Cell: (480) 287-1419

ABEINSA EPC

Steven Pochmara
05/21/2012 01:29 PM

Send To	Vernon Leeming/Teyma/Abengoa@Abengoa
cc	
bcc	
Subject	Fw: SWAT4-04-00.pdf - Adobe Acrobat Standard

Send to: Vernon Leeming/Teyma/Abengoa@Abengoa
cc:
Subject: Fw: SWAT4-04-00.pdf - Adobe Acrobat Standard

Vernon,
Below is the CEC approval for the Well abandonments for 3,17(18), 20, 25, 26

Regards,

Steven Pochmara - Permit Manager

ABEINSA EPC
13911 Park Avenue, Suite 208
Victorville, CA 92392
Cell: +14802871419
Steven.Pochmara@teyma.abengoa.com
www.teyma.com

Eco-Tip: Printing e-mails is usually a waste.

----- Forwarded by Steven Pochmara/Teyma/Abengoa on 05/21/2012 01:28 PM -----

ABEINSA EPC

Matt Stucky
05/18/2012 03:12 PM

Send To: "Steven Pochmara" <Steven.Pochmara@teyma.abengoa.com>
cc: "Frances Sanchez" <frances.sanchez@solar.abengoa.com>, "Holmes Bassette" <holmes.bassette@solar.abengoa.com>
Subject: Fw: SWAT4-04-00.pdf - Adobe Acrobat Standard

Steve, please note.

Frances, please file.

Thanks.

Matt Stucky, PE
Abengoa Solar Inc.
235 Pine St, Ste 1800
San Francisco, CA 94104

Office: 415-391-1685
Cell: 303-319-3478

From: "Rundquist, Dale@Energy" [Dale.Rundquist@energy.ca.gov]
Sent: 05/18/2012 09:42 PM GMT
To: Matt Stucky
Subject: SWAT4-04-00.pdf - Adobe Acrobat Standard

Hi Matt,
The Submittal for Soil and Water 4-04-00 has been reviewed and approved by staff.
Thank you,

Dale R. SWAT4-04-00.pdf

Mojave Solar Construction Water Usage

SUKUT CONSTRUCTION, INC.

Date	Ryken Well Reading	Total Ryken Usage (Gal.)
8/29/2011	120,000	0
8/30/2011	292,000	172,000
8/31/2011	865,000	745,000
9/19/2011	6,794,500	6,674,500
9/20/2011	7,252,600	7,132,600
9/21/2011	7,481,700	7,361,700
9/22/2011	7,710,800	7,590,800
9/23/2011	7,976,500	7,856,500
9/26/2011	8,540,800	8,420,800
9/27/2011	9,105,300	8,985,300
9/28/2011	9,669,700	9,549,700
9/29/2011	9,952,900	9,832,900
9/30/2011	10,234,000	10,114,000
10/3/2011	10,988,700	10,868,700
10/4/2011	11,566,200	11,446,200
10/5/2011	11,980,800	11,860,800
10/6/2011	12,427,300	12,307,300
10/7/2011	12,900,500	12,780,500
10/10/2011	13,371,100	13,251,100
10/11/2011	13,841,700	13,721,700
10/12/2011	14,312,300	14,192,300
10/13/2011	14,782,900	14,662,900
10/14/2011	15,093,271	14,973,271
10/17/2011	15,403,643	15,283,643
10/18/2011	15,714,015	15,594,015
10/19/2011	16,024,387	15,904,387
10/20/2011	16,334,760	16,214,760
10/21/2011	16,645,132	16,525,132
10/24/2011	16,995,504	16,875,504
10/25/2011	17,265,876	17,145,876
10/26/2011	17,576,248	17,456,248
10/27/2011	17,886,620	17,766,620
10/28/2011	18,196,992	18,076,992
10/31/2011	18,507,364	18,387,364
11/1/2011	18,817,736	18,697,736
11/2/2011	19,128,100	19,008,100
11/3/2011	19,520,233	19,400,233
11/4/2011	19,912,366	19,792,366
11/7/2011	20,304,500	20,184,500
11/8/2011	20,696,634	20,576,634
11/9/2011	20,892,290	20,772,290
11/10/2011	21,087,945	20,967,945
11/14/2011	21,283,600	21,163,600
11/15/2011	21,537,700	21,417,700
11/16/2011	21,788,300	21,668,300
11/17/2011	22,052,467	21,932,467
11/18/2011	22,316,634	22,196,634
11/21/2011	22,580,800	22,460,800
11/22/2011	22,581,200	22,461,200
11/23/2011	22,581,200	22,461,200
11/28/2011	22,845,367	22,725,367
11/29/2011	23,109,534	22,989,534
11/30/2011	23,337,330	23,217,330
12/1/2011	23,472,800	23,352,800

12/2/2011	23,715,596	23,595,596
12/5/2011	23,971,252	23,851,252
12/8/2011	24,427,800	24,307,800
12/9/2011	24,885,500	24,765,500
12/12/2011	25,114,600	24,994,600
12/15/2011	25,341,700	25,221,700
12/16/2011	25,420,900	25,300,900
12/19/2011	26,020,500	25,900,500
12/21/2011	26,674,000	26,554,000
12/22/2011	27,205,400	27,085,400
12/23/2012	27,921,300	27,801,300
12/28/2011	28,871,200	28,751,200
12/30/2011	29,820,300	29,700,300
1/3/2012	30,496,600	30,376,600
1/4/2012	31,083,000	30,963,000
1/5/2012	31,638,800	31,518,800
1/6/2012	32,196,000	32,076,000
1/9/2012	32,773,000	32,653,000
1/10/2012	33,310,000	33,190,000
1/11/2012	33,881,000	33,761,000
1/12/2012	34,381,500	34,261,500
1/13/2012	34,934,100	34,814,100
1/17/2012	35,404,000	35,284,000
1/18/2012	35,873,900	35,753,900
1/20/2012	36,811,900	36,691,900
1/23/2012	37,418,300	37,298,300
1/24/2012	38,123,500	38,003,500
1/25/2012	38,816,000	38,696,000
1/26/2012	39,436,700	39,316,700
1/27/2012	40,059,500	39,939,500
1/30/2012	40,678,150	40,558,150
1/31/2012	41,285,000	41,165,000
2/1/2012	41,776,000	41,656,000
2/2/2012	42,430,200	42,310,200
2/3/2012	43,101,600	42,981,600
2/6/2012	43,766,900	43,646,900
2/7/2012	44,412,800	44,292,800
2/8/2012	45,090,000	44,970,000
2/9/2012	45,750,000	45,630,000
2/10/2012	46,411,000	46,291,000
2/13/2012	47,101,000	46,981,000
2/14/2012	47,788,000	47,668,000
2/15/2012	47,994,200	47,874,200
2/16/2012	48,420,500	48,300,500
2/17/2012	48,845,900	48,725,900
2/21/2012	49,273,100	49,153,100
2/22/2012	49,976,700	49,856,700
2/23/2012	50,486,700	50,366,700
2/24/2012	50,966,700	50,846,700
2/27/2012	51,200,000	51,080,000
2/28/2012	51,556,200	51,436,200
2/29/2012	51,784,700	51,664,700
3/1/2012	51,884,700	51,764,700
3/2/2012	52,309,700	52,189,700
3/5/2012	52,764,700	52,644,700
3/6/2012	52,924,700	52,804,700
3/7/2012	53,290,400	53,170,400

3/8/2012	53,685,400	53,565,400
3/9/2012	54,095,400	53,975,400
3/12/2012	54,520,400	54,400,400
3/13/2012	54,988,000	54,868,000
3/14/2012	55,498,200	55,378,200
3/15/2012	55,993,200	55,873,200
3/16/2012	56,508,200	56,388,200
3/19/2012	57,018,200	56,898,200
3/20/2012	57,541,900	57,421,900
3/21/2012	57,989,100	57,869,100
3/23/2012	59,184,300	59,064,300
3/27/2012	60,359,400	60,239,400
3/28/2012	61,064,000	60,944,000
3/29/2012	61,574,000	61,454,000
3/30/2012	62,064,000	61,944,000
4/2/2012	62,559,500	62,439,500
4/3/2012	63,020,100	62,900,100
4/4/2012	63,472,000	63,352,000
4/6/2012	64,338,000	64,218,000
4/9/2012	64,799,000	64,679,000
4/10/2012	65,215,000	65,095,000
4/11/2012	65,410,500	65,290,500
4/13/2012	66,106,500	65,986,500
4/16/2012	66,494,500	66,374,500
4/18/2012	67,181,200	67,061,200
4/20/2012	67,888,200	67,768,200
4/23/2012	68,414,800	68,294,800
4/24/2012	68,994,800	68,874,800
4/25/2012	69,546,700	69,426,700
4/26/2012	69,990,700	69,870,700
4/27/2012	70,433,700	70,313,700
4/30/2012	70,858,700	70,738,700
5/1/2012	71,278,700	71,158,700
5/2/2012	71,700,000	71,580,000
5/9/2012	73,667,400	73,547,400
5/16/2012	74,546,300	74,426,300
5/23/2012	77,058,300	76,938,300
5/30/2012	77,771,000	77,651,000

Mojave Solar Construction Water Usage

SUKUT CONSTRUCTION, INC.

Date	Well 31 Reading	Total Well 31 Usage (Gal.)
2/23/2012	33,799,500	0
2/24/2012	34,013,800	214,300
2/27/2012	34,156,200	356,700
2/28/2012	34,338,700	539,200
2/29/2012	34,494,000	694,500
3/1/2012	34,574,000	774,500
3/2/2012	34,909,000	1,109,500
3/5/2012	35,254,000	1,454,500
3/6/2012	35,549,000	1,749,500
3/7/2012	36,019,500	2,220,000
3/8/2012	36,394,500	2,595,000
3/9/2012	36,739,500	2,940,000
3/12/2012	37,099,500	3,300,000
3/13/2012	37,286,000	3,486,500
3/14/2012	37,579,900	3,780,400
3/15/2012	37,874,900	4,075,400
3/16/2012	38,191,900	4,392,400
3/19/2012	38,537,500	4,738,000
3/20/2012	38,889,600	5,090,100
3/21/2012	39,328,000	5,528,500
3/23/2012	40,353,000	6,553,500
3/27/2012	41,337,800	7,538,300
3/28/2012	41,964,000	8,164,500
3/29/2012	42,459,000	8,659,500
3/30/2012	42,984,000	9,184,500
4/2/2012	43,530,000	9,730,500
4/3/2012	44,065,000	10,265,500
4/4/2012	44,479,200	10,679,700
4/6/2012	45,456,200	11,656,700
4/9/2012	45,990,200	12,190,700
4/10/2012	46,512,200	12,712,700
4/11/2012	46,965,000	13,165,500
4/13/2012	47,963,000	14,163,500
4/16/2012	48,508,000	14,708,500
4/18/2012	49,560,500	15,761,000
4/20/2012	50,944,500	17,145,000
4/23/2012	51,841,500	18,042,000
4/24/2012	52,831,500	19,032,000
4/25/2012	53,813,400	20,013,900
4/26/2012	54,313,400	20,513,900
4/27/2012	54,816,700	21,017,200
4/30/2012	55,306,600	21,507,100
5/1/2012	55,781,000	21,981,500
5/2/2012	56,226,400	22,426,900
5/9/2012	58,935,800	25,136,300
5/16/2012	61,645,400	27,845,900
5/23/2012	65,039,700	31,240,200
5/30/2012	66,183,700	32,384,200

Mojave Solar Construction Water Usage

SUKUT CONSTRUCTION, INC.

Date	Wetlands Well Reading	Total Wetlands Well Usage (Gal.)
2/24/2012	82,961,500	0
2/27/2012	83,361,500	400,000
2/28/2012	83,766,600	805,100
2/29/2012	83,818,200	856,700
3/1/2012	83,938,200	976,700
3/2/2012	84,398,200	1,436,700
3/5/2012	84,698,200	1,736,700
3/6/2012	84,758,200	1,796,700
3/7/2012	85,104,100	2,142,600
3/8/2012	85,714,100	2,752,600
3/9/2012	86,344,100	3,382,600
3/12/2012	86,949,100	3,987,600
3/13/2012	88,264,000	5,302,500
3/14/2012	88,775,800	5,814,300
3/15/2012	89,273,800	6,312,300
3/16/2012	89,819,300	6,857,800
3/19/2012	90,374,300	7,412,800
3/20/2012	90,929,000	7,967,500
3/21/2012	91,467,100	8,505,600
3/23/2012	92,146,900	9,185,400
3/27/2012	92,786,800	9,825,300
3/28/2012	94,019,000	11,057,500
3/29/2012	94,555,000	11,593,500
3/30/2012	95,068,300	12,106,800
4/2/2012	95,585,300	12,623,800
4/3/2012	95,663,300	12,701,800
4/4/2012	96,024,900	13,063,400
4/6/2012	96,509,900	13,548,400
4/9/2012	97,024,900	14,063,400
4/10/2012	97,554,900	14,593,400
4/11/2012	98,057,700	15,096,200
4/13/2012	99,056,500	16,095,000
4/16/2012	99,546,400	16,584,900
4/18/2012	100,482,200	17,520,700
4/19/2012	101,074,800	18,113,300
4/25/2012	101,074,800	18,113,300
4/26/2012	101,596,800	18,635,300
4/27/2012	102,136,000	19,174,500
4/30/2012	102,689,400	19,727,900
5/1/2012	103,244,400	20,282,900
5/2/2012	103,793,300	20,831,800
5/9/2012	105,828,100	22,866,600
5/16/2012	108,086,100	25,124,600
5/23/2012	110,421,100	27,459,600
5/30/2012	111,393,800	28,432,300

ABEINSA EPC

Alberto Salas Martin
06/06/2012 07:09 AM

Send To	Steven Pochmara/Teyma/Abengoa@ABENGOA
cc	
bcc	
Subject	Re: May MCR

History: This memo has been replied

Steve,
I will give you this info if you get us the permit for closing lockhart today... :)

For this month same as the last one.
Mainly maintenance and stabilizer going on.
We are not in the rainy season anymore so from now until september we will work on maintenance of the existing BMPs and some more soil stabilization.

Here I send you a summary of what is installed and being maintained:

1. Fiber rolls: installed a total of 7785ft

2. Swales: installed a total of 9313 ft

3. Street sweeping and construction entrances maintenance daily. Maintaned rock in construction entrances

4. Area stabilized:
- Alpha east: 50 acres (total 151 acres stabilized)
- Alpha west: 102 acres (total 157 acres stabilized)
- Beta east: 50 acres (total 114 acres stabilized)
- Beta west: 0 acres (total 35 acres stabilized)

5. 4 concrete washout station (2 in beta and 2 in alpha)

6. Watering the site with trucks on a daily basis.

Regards

Steven Pochmara Alberto, It's time for the Monthly Co... 06/05/2012 03:22 PM PDT

De: Steven Pochmara
Para: Alberto Salas Martin
CC:
Fecha: 06/05/2012 03:22 PM PDT
Asunto: May MCR

Alberto,
It's time for the Monthly Compliance report so please provide the SWPPP updates and the construction water use, thanks.

ABENER TEYMA MOJAVE

Compliance No.: GEN-2
Job : Mojave Solar Project
Date: 05/31/12 Description: Civil Master Drawing List

Line No.	Sheet No.	Description	Type of Document	Revision Number	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason for Submittal
		Site Plan	Drawing		GEN-2	VENDOR	8/26/2011	Approval
1	6007-PLN-GFE-00-50-C001	Temporary Tortoise Exclusion Fencing Plan - Sheet Index and Key Map	Drawing		CIVIL - 1	VENDOR	3/2/2011	Approval
2	6007-PLN-GFE-00-50-C002	Temporary Tortoise Exclusion Fencing Plan - Enlarged Plan	Drawing		CIVIL - 1	VENDOR	3/2/2011	Approval
3	6007-PLN-GFE-00-50-C003	Temporary Tortoise Exclusion Fencing Plan - Enlarged Plan	Drawing		CIVIL - 1	VENDOR	3/2/2011	Approval
4	6007-PLN-GFE-00-50-C004	Temporary Tortoise Exclusion Fencing Plan - Enlarged Plan	Drawing		CIVIL - 1	VENDOR	3/2/2011	Approval
5	6007-PLN-GFE-00-50-C005	Temporary Tortoise Exclusion Fencing Plan - Fence Details	Drawing		CIVIL - 1	VENDOR	3/2/2011	Approval
6	6007-PLN-GFE-00-50-C000	Construction Plans Cover Sheet	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
7	6007-PLN-GFE-00-50-C006	Sheet Index	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
8	6007-PLN-GFE-00-50-C007	General Notes, Legend and Abbreviations	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
9	6007-PLN-GFE-00-50-C010	Solar Field Grading and Drainage - Kay Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
10	6007-PLN-GFE-00-50-C011	Alpha West - Solar Field Retention Basins Details	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
11	6007-PLN-GFE-00-50-C016	Alpha West Solar Field Grading and Drainage - Plan A2	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
12	6007-PLN-GFE-00-50-C020	Alpha West Solar Field Grading and Drainage - Plan B3W	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
13	6007-PLN-GFE-00-50-C021	Alpha East Solar Field Grading and Drainage - Plan B3E	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
14	6007-PLN-GFE-00-50-C022	Alpha East Solar Field Grading and Drainage - Plan B4	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
15	6007-PLN-GFE-00-50-C023	Alpha East Solar Field Grading and Drainage - Plan B5	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
16	6007-PLN-GFE-00-50-C027	Alpha West Solar Field Grading and Drainage - Plan C3W	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
17	6007-PLN-GFE-00-50-C028	Alpha East Solar Field Grading and Drainage - Plan C3E	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
18	6007-PLN-GFE-00-50-C029	Alpha East Solar Field Grading and Drainage - Plan C4	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
19	6007-PLN-GFE-00-50-C030	Alpha East Solar Field Grading and Drainage - Plan C5	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
20	6007-PLN-GFE-00-50-C042	Beta East Solar Field Grading and Drainage - Plan F7	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
21	6007-PLN-GFE-00-50-C043	Alpha/Beta Power Island Paving, Grading and Drainage - Key Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
22	6007-PLN-GFE-00-50-C044	Alpha Power Island Paving, Grading and Drainage Details	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
23	6007-PLN-GFE-00-50-C045	South Alpha Power Island Paving, Grading and Drainage Plan	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
24	6007-PLN-GFE-00-50-C046	North Alpha Power Island Paving, Grading and Drainage Plan	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
25	6007-PLN-GFE-00-50-C047	South Beta Power Island Paving, Grading and Drainage Plan	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
26	6007-PLN-GFE-00-50-C048	North Beta Power Island Paving, Grading and Drainage Plan	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
27	6007-PLN-GFE-00-50-C049	Channels - Key Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
28	6007-PLN-GFE-00-50-C050	Channels - Typical Sections I	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
29	6007-PLN-GFE-00-50-C171	Channels - Typical Sections II	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
30	6007-PLN-GFE-00-50-C172	Channels - Typical Sections III	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
31	6007-PLN-GFE-00-50-C177	Lockhart Channel Plan-Profile - Sta 21+00 to 32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
32	6007-PLN-GFE-00-50-C178	Lockhart Channel Plan-Profile - Sta 32+50 to 44+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
33	6007-PLN-GFE-00-50-C179	Lockhart Channel Plan-Profile - Sta 44+00 to 55+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
34	6007-PLN-GFE-00-50-C180	Lockhart Channel Plan-Profile - Sta 55+50 to 67+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
35	6007-PLN-GFE-00-50-C056	Lockhart Channel Plan-Profile - Sta 67+00 to 78+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
36	6007-PLN-GFE-00-50-C057	Lockhart Channel Plan-Profile - Sta 78+50 to 90+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
37	6007-PLN-GFE-00-50-C058	Lockhart Channel Plan-Profile - Sta 90+00 to 101+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
38	6007-PLN-GFE-00-50-C059	Lockhart Channel Plan-Profile - Sta 101+50 to 113+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
39	6007-PLN-GFE-00-50-C060	Lockhart Channel Plan-Profile - Sta 113+00 to 124+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
40	6007-PLN-GFE-00-50-C061	Lockhart Channel Plan-Profile - Sta 124+50 to 135+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
41	6007-PLN-GFE-00-50-C062	Lockhart Channel Plan-Profile - Sta 135+00 to 146+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
42	6007-PLN-GFE-00-50-C063	Lockhart Channel Plan-Profile - Sta 146+50 to 148+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
43	6007-PLN-GFE-00-50-C064	West Alpha Channel Plan-Profile - Sta 10+00 to 21+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
44	6007-PLN-GFE-00-50-C065	West Alpha Channel Plan-Profile - Sta 21+00 to 32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
45	6007-PLN-GFE-00-50-C066	West Alpha Channel Plan-Profile - Sta 32+50 to 44+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
46	6007-PLN-GFE-00-50-C067	West Alpha Channel Plan-Profile - Sta 44+00 to 55+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
47	6007-PLN-GFE-00-50-C068	West Alpha Channel Plan-Profile - Sta 55+00 to 66+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
48	6007-PLN-GFE-00-50-C069	West Alpha Channel Plan-Profile - Sta 66+50 to 78+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
49	6007-PLN-GFE-00-50-C070	West Alpha Channel Plan-Profile - Sta 78+00 to 88+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
50	6007-PLN-GFE-00-50-C071	West Alpha Channel Plan-Profile - Sta 88+00 to 98+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
51	6007-PLN-GFE-00-50-C072	Main Beta Channel Plan-Profile - Sta 10+00 to 21+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
52	6007-PLN-GFE-00-50-C073	Main Beta Channel Plan-Profile - Sta 21+00 to 32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
53	6007-PLN-GFE-00-50-C099	Main Beta Channel Plan-Profile - Sta 32+50 to 43+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
54	6007-PLN-GFE-00-50-C100	Main Beta Channel Plan-Profile - Sta 43+50 to 55+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
55	6007-PLN-GFE-00-50-C101	Main Beta Channel Plan-Profile - Sta 55+00 to 66+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
56	6007-PLN-GFE-00-50-C102	Main Beta Channel Plan-Profile - Sta 66+50 to 78+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
57	6007-PLN-GFE-00-50-C103	Main Beta Channel Plan-Profile - Sta 78+00 to 88+65.52	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
58	6007-PLN-GFE-00-50-C104	East Beta Channel Plan-Profile - Sta 10+00 to 21+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
59	6007-PLN-GFE-00-50-C105	East Beta Channel Plan-Profile - Sta 21+00 to 32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
60	6007-PLN-GFE-00-50-C106	East Beta Channel Plan-Profile - Sta 32+50 to 44+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
61	6007-PLN-GFE-00-50-C107	East Beta Channel Plan-Profile - Sta 44+00 to 55+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
62	6007-PLN-GFE-00-50-C108	East Beta Channel Plan-Profile - Sta 55+50 to 66+69.76	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
63	6007-PLN-GFE-00-50-C109	South Beta Channel Plan-Profile - Sta 10+00 to 21+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
64	6007-PLN-GFE-00-50-C110	South Beta Channel Plan-Profile - Sta 21+00 to 32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
65	6007-PLN-GFE-00-50-C111	South Beta Channel Plan-Profile - Sta 32+50 to 38+10.23	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
66	6007-PLN-GFE-00-50-C112	West Beta Channel Plan-Profile - Sta 10+00 to 21+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
67	6007-PLN-GFE-00-50-C113	West Beta Channel Plan-Profile - Sta 21+00 to 32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
68	6007-PLN-GFE-00-50-C114	West Beta Channel Plan-Profile - Sta 32+50 to 37+80.68	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
69	6007-PLN-GFE-00-50-C115	Harper Lake Rd Culvert - Details I	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
70	6007-PLN-GFE-00-50-C116	Harper Lake Rd Culvert - Details II	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
71	6007-PLN-GFE-00-50-C117	Lockhart Rd West Culvert - Details I	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
72	6007-PLN-GFE-00-50-C118	Lockhart Rd West Culvert - Details II	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
73	6007-PLN-GFE-00-50-C119	Lockhart Rd East Culvert - Details I	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
74	6007-PLN-GFE-00-50-C120	Lockhart Rd East Culvert - Details II	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
75	6007-PLN-GFE-00-50-C121	Fencing Plan - Key Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
76	6007-PLN-GFE-00-50-C122	Fencing Plan - Details I	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
77	6007-PLN-GFE-00-50-C123	Fencing Plan - Details II	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
78	6007-PLN-GFE-00-50-C124	Alpha West Fencing Plan	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
79	6007-PLN-GFE-00-50-C350	Alpha East Fencing Plan	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
80	6007-PLN-GFE-00-50-C354	Beta East/West Fencing Plan	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
81		Electrical Grounding Details	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
82		Electrical Grounding Details	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
83		Fence Grounding Plan Alpha Site	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
84		Fence Grounding Plan Alpha/Beta Site	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
85		Fence Grounding Plan Beta Site	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
86	6007-PLN-GFE-00-50-C370	Demolition - Key Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
87	6007-PLN-GFE-00-50-C373	Demolition - Plan Sheet 1	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
88	6007-PLN-GFE-00-50-C374	Demolition - Plan Sheet 2	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
89	6007-PLN-GFE-00-50-C375	Demolition - Plan Sheet 3	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
90	6007-PLN-GFE-00-50-C376	Demolition - Details A and B	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
91	6007-PLN-GFE-00-50-C351	Demolition - Details C and D	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
92	6007-PLN-GFE-00-50-C352	Demolition - Details E	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
93	6007-PLN-GFE-00-50-C360	Demolition - Details F	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
94	6007-PLN-GFE-00-50-C361	Demolition - Details G and H	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
95	6007-PLN-GFE-00-50-C362	Demolition - Details I and J	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
96	6007-PLN-GFE-00-50-C363	Demolition - Details K and L	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
97	6007-PLN-GFE-00-50-C364	Temporary Construction - Key Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
98	6007-PLN-GFE-00-50-C365	Temporary Construction - Details I	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
99	6007-PLN-GFE-00-50-C366	Temporary Construction - Details II	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
100	6007-PLN-GFE-00-50-C367	Temporary Construction - Alpha Island Temporary Facilities	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
101	6007-PLN-GFE-00-50-C368	Temporary Construction - Alpha West Laydown Area	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
102	6007-PLN-GFE-00-50-C369	Temporary Construction - Beta Island Temporary Facilities	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
103	6007-PLN-GFE-00-50-C385	Temporary Construction - Beta South Laydown Area	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
104	6007-PLN-GFE-00-50-C386	Water Pollution Control - Key Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval

ABENER TEYMA MOJAVE

Compliance No.: GEN-2
Job : Mojave Solar Project
Date: 05/31/12 Description: Civil Master Drawing List

Line No.	Sheet No.	Description	Type of Document	Revision Number	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason for Submittal
105	6007-PLN-GFE-00-50-C387	Water Pollution Control - Typical Construction Staging Area	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
106	6007-PLN-GFE-00-50-C306	Water Pollution Control Alpha West and Alpha East	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
107	6007-PLN-GFE-00-50-C307	Water Pollution Control Alpha East and Beta West	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
108	6007-PLN-GFE-00-50-C308	Water Pollution Control - Beta East and Beta West	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
109	6007-PLN-GFE-00-50-C309	Water Pollution Control - Details I	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
110	6007-PLN-GFE-00-50-C310	Water Pollution Control - Details II	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
111	6007-PLN-GFE-00-50-C311	Water Pollution Control - Typical Mirror Field Erosion Control Layout	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
112	6007-PLN-GFE-00-50-C447	C349 Cover Sheet	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
113	6007-PLN-GFE-00-50-C448	C350 Key Map and Notes	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
114	6007-PLN-GFE-00-50-C449	C351 Harper Lake Road Plan - Profile Sta10+00 to 21+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
115	6007-PLN-GFE-00-50-C450	C352 Harper Lake Road Plan - Profile Sta 21+00 to 32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
116	6007-PLN-GFE-00-50-C451	C354 Harper Lake Road Roadway Typical Sections	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
117	6007-PLN-GFE-00-50-C452	C360 Lockhart Road Plan - Profile Sta 10+00 to 19+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
118	6007-PLN-GFE-00-50-C453	C361 Lockhart Road Plan - Profile Sta 19+50 to 31+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
119	6007-PLN-GFE-00-50-C551	C362 Lockhart Road Plan - Profile Sta 31+00 to 42+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
120	6007-PLN-GFE-00-50-C552	C363 Lockhart Road Plan - Profile Sta 42+50 to 54+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
121	6007-PLN-GFE-00-50-C553	C364 Lockhart Road Plan - Profile Sta 54+00 to 65+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
122	6007-PLN-GFE-00-50-C554	C365 Lockhart Road Plan - Profile Sta 65+50 to 77+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
123	6007-PLN-GFE-00-50-C555	C366 Lockhart Road Plan - Profile Sta 77+00 to 88+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
124	6007-PLN-GFE-00-50-C556	C367 Lockhart Road Plan - Profile Sta 88+50 to 100+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
125	6007-PLN-GFE-00-50-C557	C370 Lockhart Road Roadway Typical Sections	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
126	6007-PLN-GFE-00-50-C558	C371 Barrier Details SKT Terminal System	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
127	6007-PLN-GFE-00-50-C601	C372 Barrier Details Type 12A Layout	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
128	6007-PLN-GFE-00-50-C602	C380 Barrier Details Type WB Transition	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
129	6007-PLN-GFE-00-50-C603	C381 Barrier Details Type 12AA Layout	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
130	6007-PLN-GFE-00-50-C604	C382 San Bernardino County Street Marker Details	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
131	6007-PLN-GFE-00-50-C605	C307 Beta Power Island Entrance Road Typical Section and Details	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
132	6007-PLN-GFE-00-50-C606	C309 Beta Power Island Entrance Road Plan - Profile Sta 10+00 to21+00	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
133	6007-PLN-GFE-00-50-C607	C310 Beta Power Island Entrance Road Plan - Profile Sta 21+00 to32+50	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
134	6007-PLN-GFE-00-50-C651	C311 Beta Power Island Entrance Road Plan - Profile Sta 32+50 to43+27+	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
135	6007-PLN-GFE-00-50-C709	Process Wastewater Evaporation Ponds and Bioremediation Facilities	Drawing		CIVIL - 1	VENDOR	8/10/2011	Approval
136	6007-PLN-GFG-00-50-C500	Mirror Assebly Building Paving, Grading and Drainage, and Fencing Cover Sheet	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
137	6007-PLN-GFG-00-50-C501	Mirror Assebly Building General Notes, Legend and Abbreviations	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
138	6007-PLN-GFG-00-50-C502	Mirror Assebly Building Paving, Grading and Drainage, and Fencing Site Plan	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
139	6007-PLN-GFG-00-50-C503	Mirror Assebly Building Water Pollution Control Plan	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
140	6007-PLN-GFG-00-50-C504	Mirror Assebly Building Paving, Grading and Drainage Details I	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
141	6007-PLN-GFG-00-50-C510	Mirror Assebly Building Temporary Construction Plan I	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
142	6007-PLN-GFG-00-50-C511	Mirror Assebly Building Temporary Construction Plan II	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
143	6007-PLN-GFG-00-50-C512	Mirror Assebly Building Civil Works General Details I	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
144	6007-PLN-GFG-00-50-C513	Mirror Assebly Building Temporary Construction Details II	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
145	6007-HMD-GFG-00-50-0010	Mirror Assembly Building SWPPP Amendment Log	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
146	6007-CAL-GFG-00-50-DM01	Mirror Assembly Building Drainage Memo	Drawing		CIVIL - 1	VENDOR	1/19/2012	Approval
147	6007-PLN-GFE-00-50-C012	Beta West - Solar Field Retention Basins Details	Drawing		CIVIL - 1	VENDOR	2/16/2012	Approval
148	6007-PLN-GFE-00-50-C013	Beta East - Solar Field Retention Basins Details	Drawing		CIVIL - 1	VENDOR	2/17/2012	Approval
149	6007-PLN-GFE-00-50-C031	Beta West Solar Field Grading and Drainage - Plan D4	Drawing		CIVIL - 1	VENDOR	2/18/2012	Approval
150	6007-PLN-GFE-00-50-C032	Beta West/East Solar Field Grading and Drainage - Plan D5	Drawing		CIVIL - 1	VENDOR	2/19/2012	Approval
151	6007-PLN-GFE-00-50-C033	Beta East Solar Field Grading and Drainage - Plan D6	Drawing		CIVIL - 1	VENDOR	2/20/2012	Approval
152	6007-PLN-GFE-00-50-C034	Beta East Solar Field Grading and Drainage - Plan D7	Drawing		CIVIL - 1	VENDOR	2/21/2012	Approval
153	6007-PLN-GFE-00-50-C035	Beta West Solar Field Grading and Drainage - Plan E4	Drawing		CIVIL - 1	VENDOR	2/22/2012	Approval
154	6007-PLN-GFE-00-50-C036	Beta West/East Solar Field Grading and Drainage - Plan E5	Drawing		CIVIL - 1	VENDOR	2/23/2012	Approval
155	6007-PLN-GFE-00-50-C037	Beta East Solar Field Grading and Drainage - Plan E6	Drawing		CIVIL - 1	VENDOR	2/24/2012	Approval
156	6007-PLN-GFE-00-50-C038	Beta East Solar Field Grading and Drainage - Plan E7	Drawing		CIVIL - 1	VENDOR	2/25/2012	Approval
157	6007-PLN-GFE-00-50-C039	Beta East Solar Field Grading and Drainage - Plan F5	Drawing		CIVIL - 1	VENDOR	2/26/2012	Approval
158	6007-PLN-GFE-00-50-C040	Beta East Solar Field Grading and Drainage - Plan F6	Drawing		CIVIL - 1	VENDOR	2/27/2012	Approval
159	6007-PLN-GFE-00-50-C041	Beta East Solar Field Grading and Drainage - Plan F7	Drawing		CIVIL - 1	VENDOR	2/28/2012	Approval
160	6007-PLN-GFG-00-50-C026	Alpha West Solar Field Grading and Drainage Plan C3W	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
161	6007-PLN-GFG-00-50-C549	Evaporation Ponds / Bioremediation Facilities Alpha and Beta Sites Cover Sheet	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
162	6007-PLN-GFG-00-50-C550	Evaporation Ponds / Bioremediation Facilities General Notes, Legend and Abbreviations	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
163	6007-PLN-GFG-00-50-C551	Evaporation Ponds / Bioremediation Facilities Alpha Site Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
164	6007-PLN-GFG-00-50-C552	Evaporation Ponds / Bioremediation Facilities Alpha Site Grading and Drainage Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
165	6007-PLN-GFG-00-50-C553	Evaporation Ponds / Bioremediation Facilities Alpha Site Pond Sections	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
166	6007-PLN-GFG-00-50-C554	Evaporation Ponds / Bioremediation Facilities Alpha Site Details	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
167	6007-PLN-GFG-00-50-C555	Evaporation Ponds / Bioremediation Facilities Alpha Site Details 2	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
168	6007-PLN-GFG-00-50-C556	Evaporation Ponds / Bioremediation Facilities Alpha Site Bioremediation Facilities Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
169	6007-PLN-GFG-00-50-C557	Evaporation Ponds / Bioremediation Facilities Alpha Site Bioremediation Facilities Sections and Details	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
170	6007-PLN-GFG-00-50-C558	Evaporation Ponds / Bioremediation Facilities Beta Site Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
171	6007-PLN-GFG-00-50-C559	Evaporation Ponds / Bioremediation Facilities Beta Site Grading and Drainage Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
172	6007-PLN-GFG-00-50-C560	Evaporation Ponds / Bioremediation Facilities Beta Site Pond Sections	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
173	6007-PLN-GFG-00-50-C561	Evaporation Ponds / Bioremediation Facilities Beta Site Details	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
174	6007-PLN-GFG-00-50-C562	Evaporation Ponds / Bioremediation Facilities Beta Site Details 2	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
175	6007-PLN-GFG-00-50-C563	Evaporation Ponds / Bioremediation Facilities Beta Site Bioremediation Facilities Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
176	6007-PLN-GFG-00-50-C564	Evaporation Ponds / Bioremediation Facilities Beta Site Bioremediation Facilities Sections and Details	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
177	6007-PLN-GFG-00-50-C600	Raw Water Pipe and Evaporation Pond Force Main Construction Plans Cover Sheet	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
178	6007-PLN-GFG-00-50-C601	Raw Water Pipe and Evaporation Pond Force Main General Notes, Legend and Abbreviations	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
179	6007-PLN-GFG-00-50-C602	Raw Water Pipe and Evaporation Pond Force Main Alpha Power Island Site Plan I	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
180	6007-PLN-GFG-00-50-C603	Raw Water Pipe and Evaporation Pond Force Main Alpha Power Island Site Plan II	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
181	6007-PLN-GFG-00-50-C604	Raw Water Pipe and Evaporation Pond Force Main Alpha Site Evaporation Pond Force Main	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
182	6007-PLN-GFG-00-50-C605	Raw Water Pipe and Evaporation Pond Force Main Beta Power Island Site Plan I	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
183	6007-PLN-GFG-00-50-C606	Raw Water Pipe and Evaporation Pond Force Main Beta Power Island Site Plan II	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
184	6007-PLN-GFG-00-50-C607	Raw Water Pipe and Evaporation Pond Force Main Beta Site Evaporation Pond Force Main	Drawing	0	CIVIL - 1	VENDOR	3/1/2012	Approval
185	6007-PLN-GFG-00-50-C649	Onsite Waste Water Disposal Systems Alpha and Beta Sites Cover Sheet	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
186	6007-PLN-GFG-00-50-C650	Onsite Waste Water Disposal Systems General Notes, Legend and Abbreviations	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
187	6007-PLN-GFG-00-50-C651	Onsite Waste Water Disposal Systems Alpha/Beta Waste Water Disposal Systems Key Map, Notes and Details	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
188	6007-PLN-GFG-00-50-C652	Onsite Waste Water Disposal Systems Waste Water Disposal System Alpha Plot Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
189	6007-PLN-GFG-00-50-C653	Onsite Waste Water Disposal Systems Waste Water Disposal System Beta Plot Plan	Drawing	1	CIVIL - 1	VENDOR	3/1/2012	Approval
190	6007-ESP-ATP-00-50-3100	Concrete Forms and Accessories Specifications	Spec	1	CIVIL - 1	EOR	6/15/2011	Approval
191	6007-ESP-ATP-00-50-3200	Concrete Reinforcement Specifications	Spec	1	CIVIL - 1	EOR	6/15/2011	Approval
192	6007-ESP-ATP-00-50-5120	Structural Steel Specifications	Spec	1	CIVIL - 1	EOR	6/15/2011	Approval
193	6007-ESP-ATP-00-50-C021	Civil Site Prep Technical Specifications	Spec	1	CIVIL - 1	EOR	6/15/2011	Approval
194	6007-ESP-ATP-00-50-C022	Flexible Pavement Specifications	Spec	0	CIVIL - 1	EOR	6/15/2011	Approval
195	6007-ESP-ATP-00-50-C024	Site Clearing and Rough Grading Specifications	Spec	0	CIVIL - 1	EOR	5/27/2011	Approval
196	6007-ESP-ATP-00-50-C025	Earthwork Specifications	Spec	0	CIVIL - 1	EOR	6/15/2011	Approval
197	6007-ESP-ATP-00-50-C026	Erosion, Sediment Control Specifications	Spec	0	CIVIL - 1	EOR	5/27/2011	Approval
198	6007-ESP-ATP-00-50-C028	Aggregate Base Course Specifications	Spec	0	CIVIL - 1	EOR	5/27/2011	Approval
199	6007-ESP-ATP-00-50-C029	Cast-In-Place Concrete Specifications	Spec	0	CIVIL - 1	EOR	5/27/2011	Approval
200	6007-ESP-ATP-00-50-C030	Site Dust Control Specifications	Spec	0	CIVIL - 1	EOR	6/15/2011	Approval
201	6007-ESP-ATP-00-50-C014	Ready Mix Concrete Production & Delivery Specifications	Spec	0	CIVIL - 1	EOR	6/6/2011	Approval
202	6007-ESP-ATP-00-50-C015	Particular Commercial Conditions for Ready Mix Concrete Production & Delivery Specifications	Spec	0	CIVIL - 1	EOR	6/6/2011	Approval
203	6007-ESP-ATP-00-50-GW001.01	Groundwater Well Reconnaissance & Abandonment Specification Adendum	Spec	1	CIVIL - 1	EOR	9/13/2011	Approval
204	6007-ESP-ATP-00-50-WTW001	Groundwater Well Construction Specifications	Spec	0	CIVIL - 1	EOR	5/20/2011	Approval
205	6007-ESP-ATP-00-50-WTW0002	Well Construction Technical Specifications	Spec	X	CIVIL - 1	EOR	5/21/2011	Approval

ABENER TEYMA MOJAVE

Compliance No.: GEN-2
Job : Mojave Solar Project
Date: 05/31/12 Description: Civil Master Drawing List

Line No.	Sheet No.	Description	Type of Document	Revision Number	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason for Submittal
206	6007-ESP-ATP-00-50-D001	Demolition Specifications	Spec	0	CIVIL - 1	EOR	6/20/2011	Approval
207	6007-ESP-ATP-00-50-C033	Site Fencing Specifications	Spec	0	CIVIL - 1	EOR	6/13/2011	Approval
208	6007-ESP-ATP-00-50-0001	Site Video Surveillance Specifications	Spec	0	CIVIL - 1	EOR	5/9/2011	Approval
209	6007-ESP-ATP-00-50-C027	Soil Stabilization Specifications	Spec	0	CIVIL - 1	EOR	6/11/2011	Approval
210	6007-PLN-GFG-00-50-C014	Alpha West Solar Field Grading and Drainage Plan A1	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
211	6007-PLN-GFG-00-50-C015	Alpha West Solar Field Grading and Drainage Plan A2	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
212	6007-PLN-GFG-00-50-C017	Alpha West Solar Field Grading and Drainage Plan B1	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
213	6007-PLN-GFG-00-50-C018	Alpha West Solar Field Grading and Drainage Plan B2	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
214	6007-PLN-GFG-00-50-C019	Alpha West Solar Field Grading and Drainage Plan B3W	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
215	6007-PLN-GFG-00-50-C024	Alpha West Solar Field Grading and Drainage Plan C1	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
216	6007-PLN-GFG-00-50-C025	Alpha West Solar Field Grading and Drainage Plan C2	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
217	6007-PLN-GFG-00-50-C026	Alpha West Solar Field Grading and Drainage Plan C3W	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
218	6007-PLN-GFG-00-50-C173	South Alpha Power Island Paving, Grading and Drainage Plan	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
219	6007-PLN-GFG-00-50-C174	North Alpha Power Island Paving, Grading and Drainage Plan	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
220	6007-PLN-GFG-00-50-C175	South Beta Power Island Paving, Grading and Drainage Plan	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
221	6007-PLN-GFG-00-50-C176	North Beta Power Island Paving, Grading and Drainage Plan	Drawing	5	CIVIL - 1	VENDOR	3/1/2012	Approval
222	6007-PLN-GFG-00-50-C011	Alpha East - Solar Field Retention Basins Details	Drawing	3	CIVIL - 2	VENDOR	3/19/2012	Approval
223	6007-PLN-GFG-00-50-C016	Alpha East Solar Field Grading and Drainage Plan A3	Drawing	6	CIVIL - 3	VENDOR	3/19/2012	Approval
224	6007-PLN-GFG-00-50-C020	Alpha West/East Collector Field Grading and Drainage Plan B3E	Drawing	6	CIVIL - 4	VENDOR	3/19/2012	Approval
225	6007-PLN-GFG-00-50-C021	Alpha West/East Collector Field Grading and Drainage Plan B4	Drawing	5	CIVIL - 5	VENDOR	3/19/2012	Approval
226	6007-PLN-GFG-00-50-C022	Alpha West/East Collector Field Grading and Drainage Plan B5	Drawing	5	CIVIL - 6	VENDOR	3/19/2012	Approval
227	6007-PLN-GFG-00-50-C023	Alpha West/East Collector Field Grading and Drainage Plan B6	Drawing	5	CIVIL - 7	VENDOR	3/19/2012	Approval
228	6007-PLN-GFG-00-50-C027	Alpha West/East Collector Field Grading and Drainage Plan C3E	Drawing	5	CIVIL - 8	VENDOR	3/19/2012	Approval
229	6007-PLN-GFG-00-50-C028	Alpha West/East Collector Field Grading and Drainage Plan C4	Drawing	5	CIVIL - 9	VENDOR	3/19/2012	Approval
230	6007-PLN-GFG-00-50-C029	Alpha West/East Collector Field Grading and Drainage Plan C5	Drawing	5	CIVIL - 10	VENDOR	3/19/2012	Approval
231	6007-PLN-GFG-00-50-C030	Alpha West/East Collector Field Grading and Drainage Plan C6	Drawing	5	CIVIL - 11	VENDOR	3/19/2012	Approval
232	6007-PLN-GFG-00-50-C307	Beta Power Island Entrance Road Typical Section and Details	Drawing	3	CIVIL - 1	VENDOR	4/2/2012	Approval
233	6007-PLN-GFG-00-50-C309	Beta Power Island Entrance Road Plan-Profile Sta 10+00 to 21+00	Drawing	4	CIVIL - 1	VENDOR	4/2/2012	Approval
234	6007-PLN-GFG-00-50-C310	Beta Power Island Entrance Road Plan-Profile Sta 21+00 to 32+50	Drawing	4	CIVIL - 1	VENDOR	4/2/2012	Approval
235	6007-PLN-GFG-00-50-C311	Beta Power Island Entrance Road Plan-Profile Sta 32+50 to 44+00	Drawing	4	CIVIL - 1	VENDOR	4/2/2012	Approval
236	6007-PLN-GFG-00-50-C312	Beta Power Island Entrance Road Plan-Profile Sta 44+00 to 55+50	Drawing	0	CIVIL - 1	VENDOR	4/2/2012	Approval
237	6007-PLN-GFG-00-50-C313	Beta Power Island Entrance Road Plan-Profile Sta 55+50 to 64+35	Drawing	0	CIVIL - 1	VENDOR	4/2/2012	Approval

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans GEN-6-7.00- Special Inspector Christopher Cobb-PCF

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General Information

Submittal Title	GEN-6-7.00- Special Inspector Christopher Cobb-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	05/04/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.05.04_GEN-6-7.00-_Special_Inspectors_TMT.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
Christopher_Cobb_Resume-kl.pdf	05/07/2012	CBO Approved PC1

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
Certificate_of_Welding_Inspector[2]-kl.pdf	05/07/2012	CBO Reference PC1
ACI_Concrete_Testing_Tech_Cert[1]-kl2.pdf		

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Email Notification

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Email Notification

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Send Email to Action Party	No
Lead Plan Reviewer	LONG, Keith, keith.long@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/08/2012
V1 - Last Updated By	
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Created By	Barbara Tomajic

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project
Plans CIVIL-1-14.00-Soil Cement Batch Plant-PCF

General Information

Submittal Title	CIVIL-1-14.00-Soil Cement Batch Plant-PCF
Submittal Description	CBO Reference Only
Transmittal Number	
Client Submittal Date	05/01/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.04.30_CIVIL-1-14.00-Soil_Cement_Batch_Plant-PC1_TMT.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
Submittal 8 S2_Soil Cement Equipment.pdf	05/02/2012	CBO Reference Only - PC1
Submittal 10 S1_Concrete Crushing Stockpile Maintenance.pdf		
Submittal 10_Soil Cement and Concrete Crushing Operation Layout.pdf		

CBO Reference Only

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Email Notification

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Send Email to Action Party	No
Lead Plan Reviewer	BARTHOLOMEW, David, david.bartholomew@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

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Modified By	Barbara Tomajic
Last Modification Date	05/02/2012
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Created By	Barbara Tomajic

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans CIVIL-1-13.00X2-Geotechnical Report Addendum No. 4 Update-PCF

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General Information

Submittal Title	CIVIL-1-13.00X2-Geotechnical Report Addendum No. 4 Update-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	05/08/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.05.08_Geotechnical_Report_Addendum_Addendum_No._4_update_for_review_and_approval_TMT.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
Addendum No. 4 Update.pdf	05/14/2012	CBO Approved PC1

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

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srsf Documents	srsf Date	srsf Comments

Email Notification

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Send Email to Action Party	No
Lead Plan Reviewer	BARTHOLOMEW, David, david.bartholomew@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

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V1 - Last Updated On	
Created By	Barbara Tomajic

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans CIVIL-1-11.00X1 - Collector Assembly Building; G&D, SWPPP, Temp - PCF

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General Information

Submittal Title	CIVIL-1-11.00X1 - Collector Assembly Building; G&D, SWPPP, Temp - PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	05/14/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	Yes
Expedite Instructions	
Letter of Transmittal	CIVIL-1-11.00X1_-_Collector_Assembly_Building_TMT3.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
Mojave Temporary Assembly Building Drainage Memo 2012.05.11 - Complete.pdf	05/17/2012	CBO Approved PC1
6007-PLN-GFG-00-50-C505 - SIGNED.pdf		
6007-PLN-GFG-00-50-C500 - SIGNED.pdf		
6007-PLN-GFG-00-50-C501 - SIGNED.pdf		
6007-PLN-GFG-00-50-C502 - SIGNED.pdf		
6007-PLN-GFG-00-50-C503 - SIGNED.pdf		
6007-PLN-GFG-00-50-C504 - SIGNED.pdf		

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party	Sanchez, Frances, frances.sanchez@solar.abengoa.com Potrovitza, Nicholas, nicholas.potrovitza@solar.abengoa.com Redell, Frederick, frederick.redell@solar.abengoa.com Bradley, Erin, 303-928-8500, erin.bradley@solar.abengoa.com Pochmara, Steven, steven.pochmara@teyma.abengoa.com Stuckey, Matt, 415-391-1685, matt.stucky@solar.abengoa.com Tomajic, Barbara, barbara.tomajic@us.bureauveritas.com Clark, Dave, 314-275-1196, david.clark@abener.abengoa.com Rundquist, Dale, 916.651.2072, drundqui@energy.state.ca.us Sullivan, Kathleen, 303-928-8500, kathleen.sullivan@solar.abengoa.com
Send Email to Action Party	No
Lead Plan Reviewer	BARTHOLOMEW, David, david.bartholomew@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/18/2012
V1 - Last Updated By	
V1 - Last Updated On	
Created By	Barbara Tomajic

Bureau Veritas - Customer Portal - Print

PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project
Plans CIVIL-1-3.00X2 - Channel Construction Plans -PCF

General Information

Submittal Title	CIVIL-1-3.00X2 - Channel Construction Plans -PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	05/17/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.05.17_CIVIL-1-3.00X2_-_Channel_Construction_Plans_-PC1.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-GFG-00-50-C376 - SIGNED.pdf	05/18/2012	CBO Approved PC1

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments

Incomplete

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party	Sanchez, Frances, frances.sanchez@solar.abengoa.com Potrovitza, Nicholas, nicholas.potrovitza@solar.abengoa.com Bradley, Erin, 303-928-8500, erin.bradley@solar.abengoa.com Pochmara, Steven, steven.pochmara@teyma.abengoa.com Lozano, Juan, juan.lozano@teyma.abengoa.com Stuckey, Matt, 415-391-1685, matt.stucky@solar.abengoa.com Tomajic, Barbara, barbara.tomajic@us.bureauveritas.com Clark, Dave, 314-275-1196, david.clark@abener.abengoa.com Santucci, Kristy, kristy.santucci@us.bureauveritas.com Rundquist, Dale, 916.651.2072, drundqui@energy.state.ca.us Sullivan, Kathleen, 303-928-8500, kathleen.sullivan@solar.abengoa.com
Send Email to Action Party	No
Lead Plan Reviewer	BARTHOLOMEW, David, david.bartholomew@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/18/2012
V1 - Last Updated By	
V1 - Last Updated On	
Created By	Barbara Tomajic

Bureau Veritas - Customer Portal - Print

PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans CIVIL-1-2.00X7 - Grading & Drainage Construction Plans - PCF

General Information

Submittal Title	CIVIL-1-2.00X7 - Grading & Drainage Construction Plans - PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	05/17/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.05.17_CIVIL-1-2.00X7_-_Grading_&_Drainage_Construction_Plans_-_PC1_TMT.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-GFG-00-50-C559 - SIGNED.pdf 6007-PLN-GFG-00-50-C552 - SIGNED.pdf	05/18/2012	CBO Approved PC1

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

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Send Email to Action Party	No
Lead Plan Reviewer	BARTHOLOMEW, David, david.bartholomew@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/18/2012
V1 - Last Updated By	
V1 - Last Updated On	
Created By	Barbara Tomajic

ABENER TEYMA MOJAVE - Specifications List

Compliance No.: GEN-2
Job: Mojave Solar Project
Date: 10 April 2012
Description: Specifications List

Specification Number	Specification Title	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason For Submittal
6007-ESP-AGE- 00-35-0002	Cable Data Sheet Alpha & Beta Plant	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-AGE- 00-35-0003	Specification For Fiber Optic Cables In Solar Field	ELEC-1 (TYP)	Vendor	21-Feb-11	Purchase
6007-ESP-AGE- 00-32-C110	Specification For Electrical Construction Solar Field Direct Buried Cable	ELEC-1 (TYP)	Vendor	23-Apr-12	Information
6007-ESP-ATP- 00-30-M100	Electrical and Instrument Systems on Packaged Mechanical Equipment	ELEC-1 (TYP)	Vendor	7-Jun-11	Approval
6007-ESP-ATP- 00-31-C150	Electrical Construction Insulation Resistance Testing	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-31-C155	Electrical Construction High Potential Testing	ELEC-1 (TYP)	Vendor	2-Feb-12	Approval
6007-ESP-ATP- 00-32-C110	Electrical Construction	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C120	Electrical Construction Rigid Conduit Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C121	Electrical Construction Rigid Conduit Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C122	Conduit Installation For Warehouse Only	ELEC-1 (TYP)	Vendor	29-Nov-11	Approval
6007-ESP-ATP- 00-32-C125	Electrical Construction Cable Tray Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C130	Electrical Construction Cable and Wiring Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-33-C105	Electrical Construction Grounding Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-34-C100	General Requirements for Electrical Construction	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-34-C135	Electrical Construction Wiring Device Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-34-E309V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-E310V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-E311V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-E312V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-S061	Scope of Work-Collector Assembly Building	ELEC-1 (TYP)	Vendor	29-Nov-11	Approval
6007-ESP-ATP- 00-34-S061V	Electrical Vendor Data Requirement	ELEC-1 (TYP)	Vendor		
6007-ESP-ATP- 00-34-S062	Electrical Construction Scope of Work-Warehouse Building	ELEC-1 (TYP)	Vendor	30-Nov-11	Approval
6007-ESP-ATP- 00-38-C115	Electrical Equipment Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-46-E410	Liquid Filled Transformers 230 kV, 100MVA or Less	ELEC-1 (TYP)	Vendor	11-Nov-11	Approval
6007-ESP-ATP- 00-46-E410V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E411	Liquid Filled Transformers 230kv, 100MVA or Less Data Sheet	ELEC-1 (TYP)	Vendor	14-Sep-11	Approval
6007-ESP-ATP- 00-46-E412	Liquid Filled Transformers 10MVA, Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E415	Liquid Filled Transformers Above 100MVA	ELEC-1 (TYP)	Vendor	14-Sep-11	Approval
6007-ESP-ATP- 00-46-E416	Liquid Filled Transformers Above 100MVA Data Sheet	ELEC-1 (TYP)	Vendor	14-Sep-11	Approval
6007-ESP-ATP- 00-46-E420	Pad Mounted Transformer	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E420V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E421	Pad Mounted Transformer Data Sheet	ELEC-1 (TYP)	Vendor	11-Nov-11	Approval
6007-ESP-ATP- 00-46-E422	Pad Mounted Transformer Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-S050	Construction Temporary Power Subcontract	ELEC-1 (TYP)	Vendor	20-Oct-11	Approval
6007-ESP-ATP- 00-47-M120	Synchronous Generator	ELEC-1 (TYP)	Vendor	26-May-11	Approval
6007-ESP-ATP- 00-47-M125	Generator Synchronization Control	ELEC-1 (TYP)	Vendor	26-May-11	Approval
6007-ESP-ATP- 23-38-S030	Substation Construction Scope of Work	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-38-S030V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-38-S050V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	10-Jun-11	Approval
6007-ESP-ATP- 23-48-E330	Substation Circuit Breakers	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E330V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E331	Substation Circuit Breakers Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E340	Disconnect Switches, Instrumentation Transformers, Lightning Arrestors, and Structures	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E341	Substation Disconnect Switch Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E342	Substation Instrumentation Transformer Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E343	Substation Lightning Arrestor Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-S031	Substation Transformer Construction Scope of Work Clarifications	ELEC-1 (TYP)	Vendor		Approval
6007-ESP-ATP- 23-48-S032	242 kV Transmission Line Scope of Work	ELEC-1 (TYP)	Vendor	24-May-11	Approval
6007-ESP-ATP- 26-48-S032V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	24-Mar-11	Approval
6007-ESP-ATP- 27-21-E150	Low Voltage Variable Speed Drive Mounted Outside the MCC	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E150V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E151	Wall Mounted Low Voltage Variable Speed Drive Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E215	Low Voltage Smart Motor Control Centers	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E215V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E260	Unitized Distribution Substation	ELEC-1 (TYP)	Vendor	22-Nov-11	Approval
6007-ESP-ATP- 27-21-E260V	Vendor Data Requirements For Construction Panelboards	ELEC-1 (TYP)	Vendor	22-Nov-11	Approval
6007-ESP-ATP- 27-21-E310	Low Voltage Switchgear	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E310V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E311	Low Voltage Switchgear Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E370	Low Voltage Bus Duct	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E370V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E371	Low Voltage Bus Duct Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E390	Low Voltage Panel Boards	ELEC-1 (TYP)	Vendor	22-Nov-11	Approval

ABENER TEYMA MOJAVE - Specifications List

6007-ESP-ATP- 27-21-E540	Low Voltage Grounding Resistor	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E540V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E541	Low Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E350	Medium Voltage Bus Duct	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E350V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E351	Medium Voltage Iso Phase Bus Duct Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E352	Medium Voltage Bus Duct Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E160	Medium Voltage Variable Speed Drives	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E160V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 23-46-E161	Medium Voltage Variable Speed Drives Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E220	5kV Motor Controllers	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E220V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E221	15kV Contactors	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E221V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E320	Medium Voltage Switchgear	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E320V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E321	Medium Voltage Switchgear Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E325	Medium Voltage Interrupter Switch	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E325V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E326	Medium Voltage Interrupter Switch Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E530	Medium Voltage Grounding Resistor	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E530V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E531	Medium Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	27-Jun-11	Approval
6007-ESP-ATP- 28-46-E532	Medium Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E533	Medium Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	29-Feb-12	Approval
6007-ESP-ATP- 28-47-E130	Diesel Generator	ELEC-1 (TYP)	Vendor	21-Mar-12	Approval
6007-ESP-ATP- 28-47-E130V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	21-Mar-12	Approval
6007-ESP-ATP- 28-47-M135	Generator Synchronization Control	ELEC-1 (TYP)	Vendor	21-Mar-12	Approval
6007-ESP-ATP- 29-62-S112	Electrical Supplement for Well Pumps	ELEC-1 (TYP)	Vendor		Approval
6007-ESP-ATP- 35-30-M110	Induction Motors	ELEC-1 (TYP)	Vendor	28-Jul-11	Approval
6007-ESP-ATP- 35-30-M111	Motor Data Sheet 250hp and below; 250 hp to 400 hp VSD Driven	ELEC-1 (TYP)	Vendor	28-Jul-11	Approval
6007-ESP-ATP- 35-30-M112	Motor Data Sheet 250hp and Above	ELEC-1 (TYP)	Vendor	28-Jul-11	Approval
6007-LIS-AGE- 57-31-00332A	Solar Field Power Cables MTO (Alpha Plant)	ELEC-1 (TYP)	Vendor	5-Apr-12	Purchase
6007-LIS-AGE- 57-31-00332B	Solar Field Power Cables MTO (Beta Plant)	ELEC-1 (TYP)	Vendor	5-Apr-12	Purchase
6007-LIS-AGE- 57-35-2020	Fiber Optic Cable Schedule In Solar Field (Alpha Site)	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-LIS-AGE- 57-35-2030	Control Cable MTO In Solar Field	ELEC-1 (TYP)	Vendor	11-Apr-12	Purchase
6007-LIS-AGE- 57-35-2040	Fiber Optic Cable MTO In Solar Field (Alpha Site)	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-LIS-AGE- 57-35-6020	Fiber Optic Cable Schedule In Solar Field (Beta Site)	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-LIS-AGE- 57-35-6030	Control Cable MTO In Solar Field	ELEC-1 (TYP)	Vendor	11-Apr-12	Purchase
6007-LIS-AGE- 57-35-6040	Fiber Optic Cable MTO In Solar Field (Beta Site)	ELEC-1 (TYP)	Vendor	4/27/2012	Purchase

ABENER TEYMA MOJAVE - Beta Site Drawing List

6007-ESP-ATP-XX-XX-Z-XXXX

Compliance No.: GEN-2
Job: Mojave Solar Project
Date: 10 April 2012
Description: Electrical Site Drawings List - Beta

Drawing Number	Drawing Title	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason For Submittal
6007-PLN-AGE- 57-31-6011	Beta Plant Solar Field LV & FO Cable Trenching Details	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-6105	Beta Plant Solar Field LV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-6106	Beta Plant Solar Field 106 LV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-6107	Beta Plant Solar Field 107 LV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-6108	Beta Plant Solar Field 108 LV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-6109	Beta Plant Solar Field 109 LV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-8105	Beta Plant Solar Field 105 MV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-8106	Beta Plant Solar Field 106 MV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-8107	Beta Plant Solar Field 107 MV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-8108	Beta Plant Solar Field 108 MV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-8109	Beta Plant Solar Field 109 MV & FO Cable Trenching Plan	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-AGE- 57-31-8110	Beta Plant Solar Field MV & FO Cable Trenching Details	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-PLN-ATP- 00-21-O001	Electrical One-Line Diagram Symbol List	ELEC-1 (TYP)	Vendor	29-Nov-11	Approval
6007-PLN-ATP- 00-21-O020	Overall One-Line Diagram-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 18-52-R201	Electrical Layout Building #22 Main Electrical Station-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 18-52-R202	Electrical Layout Building #27 HTF Station-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 18-52-R203	Electrical Layout Building #26 Cooling Water Station-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 18-52-R204	Electrical Layout Building #13 STG2 Station-Beta Site	ELEC-1 (TYP)	Vendor	18-Nov-11	Approval
6007-PLN-ATP- 18-52-R206	Building Layout 105 SUB 001 Solar Field Station-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 18-52-R207	Building Layout 106 SUB 001 Solar Field Station-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 18-52-R208	Building Layout 107 SUB 001 Solar Field Station-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 18-52-R209	Building Layout 108 SUB 001 Solar Field Station-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 18-52-R210	Building Layout 109 SUB 001 Solar Field Station 1-Beta Site	ELEC-1 (TYP)	Vendor	9-Sep-11	Approval
6007-PLN-ATP- 23-21-O106	General One-Line Diagram 230kV Substation-Beta Site	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-PLN-ATP- 23-21-O107	General one-Line Diagram 230kV Substation Utility Interconnection-Alpha/Beta Site	ELEC-1 (TYP)	Vendor		Approval
6007-PLN-ATP- 23-21-O205	General One-Line Diagram 230kV Substation-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 23-21-O208	Metering And Relaying One-Line Key Plan-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-21-O209	Metering And Relaying One-Line Diagram STG2-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-21-O210	Metering And Relaying One-Line Diagram APT2-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-21-O213	Metering And Relaying One-Line 230 KV Transmission Line-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-21-O214	Metering And Relaying Substation Trip/Close Control Logic One-Line-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-22-B206	DC Schematic STG2 Protection-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-22-B208	DC Schematic STG2 Unit Protection-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-22-B209	DC Schematic Excitation Protection STG2-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-22-B210	DC Schematic Aux Power Transformer & Transmission Line Protection-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-22-B216	AC Schematic Syncronization Bus STG2-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-22-B217	DC Schematic Syncronization Bus STG2-Beta Site	ELEC-1 (TYP)	Vendor	6-Jul-11	Approval
6007-PLN-ATP- 23-38-R200	230 KV Substation Layout Plan View-Beta Site	ELEC-1 (TYP)	Vendor	18-Nov-11	Approval
6007-PLN-ATP- 26-01-R101	230KV Transmission Line Layout-Beta Site	ELEC-1 (TYP)	Vendor	24-Mar-11	Approval
6007-PLN-ATP- 26-38-R105	230 KV Substation Layout Alpha/Beta Site	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-PLN-ATP- 27-21-O260	480V Single Line LVSWGR-151 Building #13-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 27-21-O265	480V Single Line LVSWGR-153 Building #10-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 27-21-O270	480V Single-Line LVSWGR-154 Building #26-Beta Site	ELEC-1 (TYP)	Vendor	7-Dec-11	Approval
6007-PLN-ATP- 27-21-O275	480V Single-Line LVSWGR-136 Building #27-Beta Site	ELEC-1 (TYP)	Vendor	18-Nov-11	Approval
6007-PLN-ATP- 27-21-O405	480V Single-Line MCC-1511 Building #13-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 27-21-O425	480V Single-Line MCC-1541 Building #26- Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 27-21-O435	480V Single-Line MCC-1361 WWT Electrical Building #27-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 27-23-P605	Electrical Panel PP-1512 Building #22-Beta Site	ELEC-1 (TYP)	Vendor	3-Oct-11	Approval
6007-PLN-ATP- 27-23-P606	Electrical Panel PP-151206 Building #22-Beta Site	ELEC-1 (TYP)	Vendor	3-Oct-11	Approval
6007-PLN-ATP- 27-23-P610	Electrical Panel PP-1513 Building #13-Beta Site	ELEC-1 (TYP)	Vendor	3-Oct-11	Approval
6007-PLN-ATP- 27-23-P611	Electrical Panel PP-151306 Building #13-Beta Site	ELEC-1 (TYP)	Vendor	3-Oct-11	Approval
6007-PLN-ATP- 27-23-P615	Electrical Panel PP-1531 Building #10-Beta Site	ELEC-1 (TYP)	Vendor	7-Dec-11	Approval
6007-PLN-ATP- 27-23-P620	Electrical Panel PP-1532 Building #10-Beta Site	ELEC-1 (TYP)	Vendor	3-Oct-11	Approval
6007-PLN-ATP- 27-23-P625	Electrical Panel PP-1543 Building #26-Beta Site	ELEC-1 (TYP)	Vendor	7-Dec-11	Approval
6007-PLN-ATP- 27-23-P626	Electrical Panel PP-154306 Building #26-Beta Site	ELEC-1 (TYP)	Vendor	3-Oct-11	Approval
6007-PLN-ATP- 27-23-P635	Electrical Panel PP-1363 Building #27-Beta Site	ELEC-1 (TYP)	Vendor	7-Dec-11	Approval
6007-PLN-ATP- 27-23-P636	Electrical Panel PP-136307 Building #27-Beta Site	ELEC-1 (TYP)	Vendor	7-Dec-11	Approval
6007-PLN-ATP- 28-21-O109	230 KV Metering & Relaying Protection Zone One-Line-Beta Site	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-PLN-ATP- 28-21-O110	230 KV Metering & Relaying One-Line - STG1 (STG2)-Alpha (Beta) Site	ELEC-1 (TYP)	Vendor	5-Dec-11	Approval
6007-PLN-ATP- 28-21-O111	230 KV Metering & Relaying One-Line - APT1 (APT2)-Alpha (Beta) Site	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-PLN-ATP- 28-21-O112	230 KV Metering & Relaying One-Line - TL1 (TL2)-Alpha (Beta) Site	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval

ABENER TEYMA MOJAVE - Beta Site Drawing List

6007-ESP-ATP-XX-XX-Z-XXXX

Compliance No.: GEN-2
Job: Mojave Solar Project
Date: 10 April 2012
Description: Electrical Site Drawings List - Beta

Drawing Number	Drawing Title	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason For Submittal
6007-PLN-ATP- 28-21-O200	One-Line Diagram 15kV Distribution System-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O201	One-Line Diagram 15kV To 5kV VSD System-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O202	One-Line Diagram 5kV Distribution System-Beta Site	ELEC-1 (TYP)	Vendor	9-Nov-11	Approval
6007-PLN-ATP- 28-21-O203	One-Line Diagram 5kV Distribution System-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O241	Solar Field Substation 105 SUB 001-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O242	Solar Field Substation 106 SUB 001-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O243	Solar Field Substation 107 SUB 001-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O244	Solar Field Substation 108 SUB 001-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O245	Solar Field Substation 109 SUB 001-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-21-O250	General One-Line Diagram 15 kV to 480V BOP Distribution System-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B220	AC Schematic MVSWGR-2 Main Breaker 52-10-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B221	DC Schematic Sheet 1 MVSWGR-2 Main Breaker 52-10-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B222	DC Schematic Sheet 2 MVSWGR-2 Main Breaker 52-10-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B225	AC Schematic DG2 Synchronizing Breaker 52-11-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B226	DC Schematic Sheet 2 DG2 Synchronizing Breaker 52-11-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B227	DC Schematic Sheet 1 DG2 Synchronizing Breaker 52-11-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B228	AC & DC Schematic Diesel Generator DG2-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B229	AC Schematic Synchronizing Bus-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B230	DC Schematic DG2 Synchronizing Bus Sheet 1-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B231	DC Schematic DG2 Synchronizing Bus Sheet 2-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B232	AC Schematic MVSWGR 2 Feeder Breaker 52-12 Thru 52-15-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B233	DC Schematic Sheet 1 MVSWGR 2 Feeder Breakers 52-12 Thru 52-15-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B234	DC Schematic Sheet 2 MVSWGR 2 Feeder Breakers 52-12 Thru 52-15-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B235	MVSWGR-2 Communication Schematic-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B236	MVSWGR-2 Digital Clocking Schematic-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B240	AC & DC Schematic Variable Speed Drive VSD-131 Thru VSD-134-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B241	Communication Schematic Variable Speed Drive VSD-131 Thru VSD-134-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B245	AC & DC Schematic Variable Speed Dirve VSD-144	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B246	Communication Schematic Variable Speed Drive VSD-144-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B250	AC & DC Schematic Medium Voltage Switch MVS-130-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B253	Communication Schematic MVS-130-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B255	AC & DC Schematic Medium Voltage Switch MVS-151 - MVS-157-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B260	AC Schematic MVSWGR-14 Feeder Breaker 152-140 Thru 143-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B261	DC Schematic MVSWGR-14 Feeder Breaker 152-140 Thru 143-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B262	DC Schematic Sheet 2 MVSWGR 14 Feeder Breakers 152-140 Thru 152-143-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval
6007-PLN-ATP- 28-22-B263	Communication Schematic MVSWGR-14-Beta Site	ELEC-1 (TYP)	Vendor	23-Sep-11	Approval

ABENER TEYMA MOJAVE - Specifications List

Compliance No.: GEN-2
Job: Mojave Solar Project
Date: 10 April 2012
Description: Specifications List

Specification Number	Specification Title	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason For Submittal
6007-ESP-AGE- 00-35-0002	Cable Data Sheet Alpha & Beta Plant	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-AGE- 00-35-0003	Specification For Fiber Optic Cables In Solar Field	ELEC-1 (TYP)	Vendor	21-Feb-11	Purchase
6007-ESP-AGE- 00-32-C110	Specification For Electrical Construction Solar Field Direct Buried Cable	ELEC-1 (TYP)	Vendor	23-Apr-12	Information
6007-ESP-ATP- 00-30-M100	Electrical and Instrument Systems on Packaged Mechanical Equipment	ELEC-1 (TYP)	Vendor	7-Jun-11	Approval
6007-ESP-ATP- 00-31-C150	Electrical Construction Insulation Resistance Testing	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-31-C155	Electrical Construction High Potential Testing	ELEC-1 (TYP)	Vendor	2-Feb-12	Approval
6007-ESP-ATP- 00-32-C110	Electrical Construction	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C120	Electrical Construction Rigid Conduit Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C121	Electrical Construction Rigid Conduit Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C122	Conduit Installation For Warehouse Only	ELEC-1 (TYP)	Vendor	29-Nov-11	Approval
6007-ESP-ATP- 00-32-C125	Electrical Construction Cable Tray Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-32-C130	Electrical Construction Cable and Wiring Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-33-C105	Electrical Construction Grounding Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-34-C100	General Requirements for Electrical Construction	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-34-C135	Electrical Construction Wiring Device Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-34-E309V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-E310V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-E311V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-E312V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	27-Apr-12	Approval
6007-ESP-ATP- 00-34-S061	Scope of Work-Collector Assembly Building	ELEC-1 (TYP)	Vendor	29-Nov-11	Approval
6007-ESP-ATP- 00-34-S061V	Electrical Vendor Data Requirement	ELEC-1 (TYP)	Vendor		
6007-ESP-ATP- 00-34-S062	Electrical Construction Scope of Work-Warehouse Building	ELEC-1 (TYP)	Vendor	30-Nov-11	Approval
6007-ESP-ATP- 00-38-C115	Electrical Equipment Installation	ELEC-1 (TYP)	Vendor	3-Jun-11	Approval
6007-ESP-ATP- 00-46-E410	Liquid Filled Transformers 230 kV, 100MVA or Less	ELEC-1 (TYP)	Vendor	11-Nov-11	Approval
6007-ESP-ATP- 00-46-E410V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E411	Liquid Filled Transformers 230kv, 100MVA or Less Data Sheet	ELEC-1 (TYP)	Vendor	14-Sep-11	Approval
6007-ESP-ATP- 00-46-E412	Liquid Filled Transformers 10MVA, Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E415	Liquid Filled Transformers Above 100MVA	ELEC-1 (TYP)	Vendor	14-Sep-11	Approval
6007-ESP-ATP- 00-46-E416	Liquid Filled Transformers Above 100MVA Data Sheet	ELEC-1 (TYP)	Vendor	14-Sep-11	Approval
6007-ESP-ATP- 00-46-E420	Pad Mounted Transformer	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E420V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-E421	Pad Mounted Transformer Data Sheet	ELEC-1 (TYP)	Vendor	11-Nov-11	Approval
6007-ESP-ATP- 00-46-E422	Pad Mounted Transformer Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 00-46-S050	Construction Temporary Power Subcontract	ELEC-1 (TYP)	Vendor	20-Oct-11	Approval
6007-ESP-ATP- 00-47-M120	Synchronous Generator	ELEC-1 (TYP)	Vendor	26-May-11	Approval
6007-ESP-ATP- 00-47-M125	Generator Synchronization Control	ELEC-1 (TYP)	Vendor	26-May-11	Approval
6007-ESP-ATP- 23-38-S030	Substation Construction Scope of Work	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-38-S030V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-38-S050V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	10-Jun-11	Approval
6007-ESP-ATP- 23-48-E330	Substation Circuit Breakers	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E330V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E331	Substation Circuit Breakers Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E340	Disconnect Switches, Instrumentation Transformers, Lightning Arrestors, and Structures	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E341	Substation Disconnect Switch Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E342	Substation Instrumentation Transformer Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-E343	Substation Lightning Arrestor Data Sheet	ELEC-1 (TYP)	Vendor	1-Dec-11	Approval
6007-ESP-ATP- 23-48-S031	Substation Transformer Construction Scope of Work Clarifications	ELEC-1 (TYP)	Vendor		Approval
6007-ESP-ATP- 23-48-S032	242 kV Transmission Line Scope of Work	ELEC-1 (TYP)	Vendor	24-May-11	Approval
6007-ESP-ATP- 26-48-S032V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	24-Mar-11	Approval
6007-ESP-ATP- 27-21-E150	Low Voltage Variable Speed Drive Mounted Outside the MCC	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E150V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E151	Wall Mounted Low Voltage Variable Speed Drive Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E215	Low Voltage Smart Motor Control Centers	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E215V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E260	Unitized Distribution Substation	ELEC-1 (TYP)	Vendor	22-Nov-11	Approval
6007-ESP-ATP- 27-21-E260V	Vendor Data Requirements For Construction Panelboards	ELEC-1 (TYP)	Vendor	22-Nov-11	Approval
6007-ESP-ATP- 27-21-E310	Low Voltage Switchgear	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E310V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E311	Low Voltage Switchgear Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E370	Low Voltage Bus Duct	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E370V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E371	Low Voltage Bus Duct Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E390	Low Voltage Panel Boards	ELEC-1 (TYP)	Vendor	22-Nov-11	Approval

ABENER TEYMA MOJAVE - Specifications List

6007-ESP-ATP- 27-21-E540	Low Voltage Grounding Resistor	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E540V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 27-21-E541	Low Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E350	Medium Voltage Bus Duct	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E350V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E351	Medium Voltage Iso Phase Bus Duct Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-38-E352	Medium Voltage Bus Duct Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E160	Medium Voltage Variable Speed Drives	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E160V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 23-46-E161	Medium Voltage Variable Speed Drives Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E220	5kV Motor Controllers	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E220V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E221	15kV Contactors	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E221V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E320	Medium Voltage Switchgear	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E320V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E321	Medium Voltage Switchgear Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E325	Medium Voltage Interrupter Switch	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E325V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-43-E326	Medium Voltage Interrupter Switch Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E530	Medium Voltage Grounding Resistor	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E530V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E531	Medium Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	27-Jun-11	Approval
6007-ESP-ATP- 28-46-E532	Medium Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	22-Sep-11	Approval
6007-ESP-ATP- 28-46-E533	Medium Voltage Grounding Resistor Data Sheet	ELEC-1 (TYP)	Vendor	29-Feb-12	Approval
6007-ESP-ATP- 28-47-E130	Diesel Generator	ELEC-1 (TYP)	Vendor	21-Mar-12	Approval
6007-ESP-ATP- 28-47-E130V	Vendor Data Requirements	ELEC-1 (TYP)	Vendor	21-Mar-12	Approval
6007-ESP-ATP- 28-47-M135	Generator Synchronization Control	ELEC-1 (TYP)	Vendor	21-Mar-12	Approval
6007-ESP-ATP- 29-62-S112	Electrical Supplement for Well Pumps	ELEC-1 (TYP)	Vendor		Approval
6007-ESP-ATP- 35-30-M110	Induction Motors	ELEC-1 (TYP)	Vendor	28-Jul-11	Approval
6007-ESP-ATP- 35-30-M111	Motor Data Sheet 250hp and below; 250 hp to 400 hp VSD Driven	ELEC-1 (TYP)	Vendor	28-Jul-11	Approval
6007-ESP-ATP- 35-30-M112	Motor Data Sheet 250hp and Above	ELEC-1 (TYP)	Vendor	28-Jul-11	Approval
6007-LIS-AGE- 57-31-00332A	Solar Field Power Cables MTO (Alpha Plant)	ELEC-1 (TYP)	Vendor	5-Apr-12	Purchase
6007-LIS-AGE- 57-31-00332B	Solar Field Power Cables MTO (Beta Plant)	ELEC-1 (TYP)	Vendor	5-Apr-12	Purchase
6007-LIS-AGE- 57-35-2020	Fiber Optic Cable Schedule In Solar Field (Alpha Site)	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-LIS-AGE- 57-35-2030	Control Cable MTO In Solar Field	ELEC-1 (TYP)	Vendor	11-Apr-12	Purchase
6007-LIS-AGE- 57-35-2040	Fiber Optic Cable MTO In Solar Field (Alpha Site)	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-LIS-AGE- 57-35-6020	Fiber Optic Cable Schedule In Solar Field (Beta Site)	ELEC-1 (TYP)	Vendor	30-Mar-12	Purchase
6007-LIS-AGE- 57-35-6030	Control Cable MTO In Solar Field	ELEC-1 (TYP)	Vendor	11-Apr-12	Purchase
6007-LIS-AGE- 57-35-6040	Fiber Optic Cable MTO In Solar Field (Beta Site)	ELEC-1 (TYP)	Vendor	4/27/2012	Purchase

Compliance No.: GEN-2
Job: Mojave Solar Project
Date: 10 April 2012
Description: Electrical Site Drawings List - Temporary Power

Drawing Number	Drawing Title	Applicable Condition of Certification	Vendor Supplied or EOR	Submittal Date	Reason For Submittal
Alpha Phase 1					
6007-PLN-ATP- 28-21-O001	Construction Temporary Power One-Line Diagram		Vendor	2-Feb-12	
6007-PLN-ATP- 28-21-P002	Construction Temporary Power Distribution Panel Schedules		Vendor	16-Feb-12	
6007-PLN-ATP- 28-21-P007	Construction Temporary Power Distribution Panel Schedules		Vendor	16-Feb-12	
6007-PLN-ATP- 28-34-R001	Construction Tempoary Power Electrical Site Plan		Vendor	2-Feb-12	
6007-PLN-ATP- 28-34-R002	Construction Temporary Power For Alpha Plant		Vendor	2-Feb-12	
Alpha Phase 2 & Beta					
6007-PLN-ATP- 28-21-O001	Construction Temporary Power One-Line Diagram		Vendor	2-Feb-12	
6007-PLN-ATP- 28-21-P002	Construction Temporary Power Distribution Panel Schedules		Vendor	16-Feb-12	
6007-PLN-ATP- 28-21-P003	Construction Temporary Power Distribution Panel Schedules		Vendor	16-Feb-12	
6007-PLN-ATP- 28-21-P004	Construction Temporary Power Distribution Panel Schedules		Vendor	16-Feb-12	
6007-PLN-ATP- 28-21-P005	Construction Temporary Power Distribution Panel Schedules		Vendor	16-Feb-12	
6007-PLN-ATP- 28-34-R001	Construction Tempoary Power Electrical Site Plan		Vendor	2-Feb-12	
6007-PLN-ATP- 28-34-R002	Construction Temporary Power For Alpha Plant		Vendor	2-Feb-12	
6007-PLN-ATP- 28-34-R003	Construction Temporary Power For Alpha Plant		Vendor	2-Feb-12	
VIS-3					
6007-PLN-ATP- 28-34-R004	Construction Temporary Lighting Electrical Site Plan		Vendor	7-Feb-12	

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Project Abengoa Mojave Solar Project

Plans ELEC-1-1.0-Construction Temporary Power-PCF

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General Information

Submittal Title	ELEC-1-1.0-Construction Temporary Power-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	03/19/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.03.08-ELECT-1-1.0_Construction_Temporary_Power_TMT_TO_BV.pdf 2012.05.03-ELECT-1-1.0_Construction_Temporary_Power_TMT_TO_BV.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-ATP-61-33-G003.pdf 6007-PLN-ATP-00-21-0002.pdf 6007-PLN-ATP-00-21-O001.pdf 6007-PLN-ATP-28-21-O001.pdf 6007-PLN-ATP-28-21-P002.pdf 6007-PLN-ATP-28-21-P003.pdf 6007-PLN-ATP-28-21-P004.pdf 6007-PLN-ATP-28-21-P007.pdf 6007-PLN-ATP-28-34-R002.pdf 6007-PLN-ATP-28-34-R003.pdf 6007-PLN-ATP-28-21-P005.pdf 6007-PLN-ATP-28-34-R001.pdf	05/09/2012	CBO Approved PC2

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Review-Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
6007-PSS-ATP-00-50-H001.pdf	05/09/2012	CBO Reference Only - PC2
6007-ESP-ATP-00-50-M001.pdf		

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party	Sanchez, Frances, frances.sanchez@solar.abengoa.com
Send Email to Action Party	Yes
Lead Plan Reviewer	Son, Cristian, cristian.son@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/09/2012
V1 - Last Updated By	
V1 - Last Updated On	
Created By	Shamica Zenn

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Sheet No.	Description Document Name	Applicable Condition of Certification GEN-2	Vendor Supplied or	Submittal Date 5/11/2012	Reason for Submittal
6007-ESP-ATP-00-50-2069	Geotech Report Addendum 7	STRUCTURAL - 1	Vendor	4/17/2012	Construction
6007-CAL-GFG-00-50-0001	10 Feet High Screen Fence Design	STRUCTURAL - 1	Vendor	4/9/2012	Construction
6007-CAL-GFG-00-50-0002	15 Feet High Screen Fence Design	STRUCTURAL - 1	Vendor	4/9/2012	Construction
6007-PLN-ATP-00-50-C001	Anchor Rod Assemblies and Details	STRUCTURAL - 1	EOR	3/20/2012	Construction
6007-PLN-ATP-00-50-S001	General Civil and Structural Notes	STRUCTURAL - 1	EOR	3/20/2012	Construction
6007-CAL-CCI-18-54-1300	Structural Calculations	STRUCTURAL - 1	Vendor	3/19/2012	Construction
6007-CAL-CCI-18-54-1710	Pre-Engineered Metal Building Calculations	STRUCTURAL - 1	Vendor	3/19/2012	Construction
6007-ESP-ATP-00-50-2068	Geotech Report Addendum 6	STRUCTURAL - 1	EOR	3/19/2012	Construction
6007-PLN-GFG-00-50-C800	North Alpha East Solar Array Foundation Plans Cover Sheet	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-C801	Civil Works . General Notes Sheet	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-P002	North Alpha East Solar Array Foundation Plan Foundation Working Points Layout I	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-P003	North Alpha East Solar Array Foundation Plan Foundation Working Points Layout II	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-C804	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data I	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-C805	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data II	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-C806	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data III	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-C807	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data IV	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-P008	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data V	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-P009	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data VI	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-P010	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data VII	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-P011	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data VIII	STRUCTURAL - 1	Vendor	2/7/2012	Construction
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6007-PLN-GFG-00-50-P024	North Alpha East Solar Array Foundation Plan Foundation Piles Location Data XXI	STRUCTURAL - 1	Vendor	2/7/2012	Construction
6007-PLN-GFG-00-50-P025	Middle Alpha East Solar Array Foundation Plans Cover Sheet	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P026	Notes Sheet	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P027	Middle Alpha East Solar Array Foundation Plan Foundation Working Points Layout I	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P028	6007-PLN-GFG-00-50-P028Middle Alpha East Solar Array Foundation Plan Foundation Wo	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P029	Middle Alpha East Solar Array Foundation Plan Foundation Working Points Layout III	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P030	Middle Alpha East Solar Array Foundation Plan Foundation Working Points Layout IV	STRUCTURAL - 1	Vendor	2/6/2012	Construction
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6007-PLN-GFG-00-50-P035	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 4	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P036	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 5	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P037	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 6	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P038	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 7	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P039	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 8	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P040	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 9	STRUCTURAL - 1	Vendor	2/6/2012	Construction
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6007-PLN-GFG-00-50-P044	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 13	STRUCTURAL - 1	Vendor	2/6/2012	Construction
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6007-PLN-GFG-00-50-P057	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 26	STRUCTURAL - 1	Vendor	2/6/2012	Construction

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Sheet No.	Description Document Name	Applicable Condition of Certification GEN-2	Vendor Supplied or	Submittal Date 5/11/2012	Reason for Submittal
6007-ESP-ATP-00-50-2069	Geotech Report Addendum 7	STRUCTURAL - 1	Vendor	4/17/2012	Construction
6007-CAL-GFG-00-50-0001	10 Feet High Screen Fence Design	STRUCTURAL - 1	Vendor	4/9/2012	Construction
6007-CAL-GFG-00-50-0002	15 Feet High Screen Fence Design	STRUCTURAL - 1	Vendor	4/9/2012	Construction
6007-PLN-ATP-00-50-C001	Anchor Rod Assemblies and Details	STRUCTURAL - 1	EOR	3/20/2012	Construction
6007-PLN-ATP-00-50-S001	General Civil and Structural Notes	STRUCTURAL - 1	EOR	3/20/2012	Construction
6007-PLN-GFG-00-50-P058	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 27	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P059	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 28	STRUCTURAL - 1	Vendor	2/6/2012	Construction
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6007-PLN-GFG-00-50-P062	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 31	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P063	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 32	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P064	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 33	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P065	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 34	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P066	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 35	STRUCTURAL - 1	Vendor	2/6/2012	Construction
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6007-PLN-GFG-00-50-P068	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 37	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P069	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 38	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P070	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 39	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P071	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 40	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P072	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 41	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P073	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 42	STRUCTURAL - 1	Vendor	2/6/2012	Construction
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6007-PLN-GFG-00-50-P079	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 48	STRUCTURAL - 1	Vendor	2/6/2012	Construction
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6007-PLN-GFG-00-50-P082	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 51	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-GFG-00-50-P083	Middle Alpha East Solar Array Foundation Plan Foundation Piles Location Data 52	STRUCTURAL - 1	Vendor	2/6/2012	Construction
6007-PLN-CCI-18-54-ALLD	Mirror Building Metal Building All Drawings	STRUCTURAL - 1	Vendor	1/24/2012	Review
6007-CAL-CCI-18-54-VASP	Mirror Building Material Specs	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA10	Mirror Building Code Plan	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA11	Mirror Building Floor Plan	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA12	Mirror Building Trench & Utility Plan	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA13	Mirror Building Equipment Layout (for reference only)	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA14	Mirror Building Crane Layout Plan	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA15	Mirror Building Roof Plan	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA21	Mirror Building Exterior Elevations	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA41	Mirror Building Building Sections	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA51	Mirror Building Details	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VA61	Mirror Building Door Schedule	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VACS	Mirror Building Cover Sheet	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VAS1	Mirror Building Site Plan	ARCHITECTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VS11	Mirror Building General Structural Notes	STRUCTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VS12	Mirror Building Details	STRUCTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VS21	Mirror Building Foundation Plan	STRUCTURAL - 1	Vendor	1/18/2012	Review
6007-PLN-CCI-18-54-VS31	Mirror Building Framing Details	STRUCTURAL - 1	Vendor	1/18/2012	Review
6007-CAL-CCI-18-54-VSCA	Mirror Building Structural Calcs	STRUCTURAL - 1	Vendor	1/6/2012	Review
6007-CAL-CCI-18-54-0001	Mirror Building Metal Building Calcs	STRUCTURAL - 1	Vendor	12/17/2011	Review
6007-ESP-ATP-00-50-3300	Cast-In-Place Concrete	STRUCTURAL - 1	EOR	12/7/2011	Bid/Quote
6007-ESP-ATP-00-50-C014V	Concrete Batch Plant Vendor Spec	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
6007-ESP-ATP-18-54-1331	Warehouse Building Subcontract Package	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
6007-ESP-ATP-18-54-1331V	Vendor Data Requirement Warehouse Building	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
6007-PLN-ATP-18-57-0021	Warehouse Building Floor Plan	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
6007-PLN-ATP-18-57-0022	Warehouse Building Roof Plan	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
6007-PLN-ATP-18-57-0023	Warehouse Building Elevation and Section	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
6007-PLN-ATP-18-57-0024	Warehouse Building Elevations	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
6007-PLN-ATP-18-57-0025	Warehouse Building Sections	STRUCTURAL - 1	EOR	12/5/2011	Bid/Quote
60007-ESP-ATP-00-50-C104	Ready Mix Concrete Production and Delivery	STRUCTURAL - 1	EOR	11/17/2011	Purchase
60007-ESP-ATP-00-50-C105	Particular Comm Condition for Ready Mix Concrete Production and Delivery	STRUCTURAL - 1	EOR	11/17/2011	Purchase
6007-ESP-ATP-18-54-1330	Mirror Building Subcontract Package	STRUCTURAL - 1	EOR	11/4/2011	Purchase
6007-ESP-ATP-18-54-1330V	Vendor Data for Mirror Building Subcontract Package	STRUCTURAL - 1	EOR	11/4/2011	Purchase
6007-ESP-ATP-18-54-3121	Pre-Engineered Metal Building	STRUCTURAL - 1	EOR	11/4/2011	Purchase
6007-PLN-ATP-00-55-LX01	Alpha Warehouse Building Proposed Location	STRUCTURAL - 1	EOR	10/26/2011	Bid/Quote
6007-PLN-ATP-00-55-LX02	Beta Warehouse Building Proposed Location	STRUCTURAL - 1	EOR	10/26/2011	Bid/Quote
6007-ESP-ATP-00-50-2063	Geotech Report Addendum 1	STRUCTURAL - 1	EOR	10/14/2011	Bid/Quote
6007-ESP-ATP-18-54-3122	Pre-Engineered Metal Buildings	STRUCTURAL - 1	EOR	10/12/2011	Bid/Quote
6007-ESP-ATP-00-50-2062	Final Geotech Report	STRUCTURAL - 1	EOR	9/26/2011	Bid/Quote
6007-ESP-ATP-18-52-1332	Concrete Slabs and Foundations For Mirror Building Subcontract Package	STRUCTURAL - 1	EOR	9/26/2011	Bid/Quote
6007-ESP-ATP-18-52-1332V	Vendor Data Concrete Slabs and Foundations For Mirror Building Subcontract Package	STRUCTURAL - 1	EOR	9/26/2011	Bid/Quote
6007-PLN-ATP-18-52-0016	Anchor Bolts Reference Plan	STRUCTURAL - 1	EOR	9/26/2011	Bid/Quote
6007-PLN-ATP-18-52-0017	Slab and Foundation Reference Plan	STRUCTURAL - 1	EOR	9/26/2011	Bid/Quote
6007-PLN-ATP-18-52-0018	Slab and Foundation Reference Details	STRUCTURAL - 1	EOR	9/26/2011	Bid/Quote
6007-PLN-ATP-18-57-0011	Mirror Building Floor Plan	STRUCTURAL - 1	EOR	9/23/2011	Bid/Quote
6007-PLN-ATP-18-57-0015	Mirror Building Sections	STRUCTURAL - 1	EOR	9/23/2011	Bid/Quote
6007-INF-ATP-33-50-0001	Wind Tunnel Clarification	STRUCTURAL - 1	EOR	9/6/2011	Approval
6007-INF-RJK-33-50-0001	Responce to CEC for collector Foundation	STRUCTURAL - 1	Vendor	9/2/2011	Approval
6007-ESP-RJK-33-50-0001	Solar Collector Foundation Design	STRUCTURAL - 1	Vendor	8/31/2011	Approval
6007-PLN-RJK-33-50-0001	Mirrorfield Foundation	STRUCTURAL - 1	Vendor	8/31/2011	Approval
6007-PLN-RJK-33-50-0002	Mirrorfield Foundation	STRUCTURAL - 1	Vendor	8/31/2011	Approval

ABENER TEYMA MOJAVE

Sheet No.	Description Document Name	Applicable Condition of Certification GEN-2	Vendor Supplied or	Submittal Date 5/11/2012	Reason for Submittal
6007-ESP-ATP-00-50-2069	Geotech Report Addendum 7	STRUCTURAL - 1	Vendor	4/17/2012	Construction
6007-CAL-GFG-00-50-0001	10 Feet High Screen Fence Design	STRUCTURAL - 1	Vendor	4/9/2012	Construction
6007-CAL-GFG-00-50-0002	15 Feet High Screen Fence Design	STRUCTURAL - 1	Vendor	4/9/2012	Construction
6007-PLN-ATP-00-50-C001	Anchor Rod Assemblies and Details	STRUCTURAL - 1	EOR	3/20/2012	Construction
6007-PLN-ATP-00-50-S001	General Civil and Structural Notes	STRUCTURAL - 1	EOR	3/20/2012	Construction
6007-PLN-ATP-16-62-0001	Mirror Building Air Supply & Electrical Outlet Locations	STRUCTURAL - 1	EOR	8/9/2011	Purchase
6007-PLN-ATP-18-57-0012	Mirror Building Roof Plan	STRUCTURAL - 1	EOR	8/9/2011	Purchase
6007-PLN-ATP-18-57-0013	Mirror Building Crane Layout Plan	STRUCTURAL - 1	EOR	8/9/2011	Purchase
6007-PLN-ATP-18-57-0014	Mirror Building Elevations and Sections	STRUCTURAL - 1	EOR	8/9/2011	Purchase
6007-INF-ATP-00-50-0001	Geo-Tech Report	STRUCTURAL - 1	EOR	7/18/2011	Construction
6007-INS-ATP-32-52-0003	Collector Support Dimensions	STRUCTURAL - 1	EOR	7/18/2011	Approval
6007-ESP-ATP-00-50-3100	Concrete Forms and Accessories	STRUCTURAL - 1	EOR	6/1/2011	Purchase
6007-ESP-ATP-00-50-3200	Concrete Reinforcement	STRUCTURAL - 1	EOR	6/1/2011	Purchase
6007-ESP-ATP-00-50-5120	Structural Steel	STRUCTURAL - 1	EOR	6/1/2011	Bid/Quote
6007-ESP-ATP-00-50-2001V	Specification for Vendor data requirement Structural, Geotechnical study	STRUCTURAL - 1	EOR	5/26/2011	Approval
6007-PLN-ATP-00-55-0001	Soil boring location plan for alpha plant solar field	STRUCTURAL - 1	EOR	5/26/2011	Purchase
6007-PLN-ATP-00-55-0002	Soil boring location plan for beta plant solar field	STRUCTURAL - 1	EOR	5/26/2011	Purchase
6007-PLN-ATP-00-55-0003	Soil boring location plan for alpha power island	STRUCTURAL - 1	EOR	5/26/2011	Purchase
6007-PLN-ATP-00-55-0004	Soil boring location plan for beta power island	STRUCTURAL - 1	EOR	5/26/2011	Purchase
6007-ESP-ATP-00-50-2001	Engineering standards and practices specifications for subsurface exploration and geotec	STRUCTURAL - 1	EOR	5/20/2011	Purchase
6007-ESP-ATP-57-52-1351	Parabolic Solar Collector Steel Foundation Design-Build Subcontract	STRUCTURAL - 1	EOR	5/8/2011	Construction
6007-ESP-ATP-57-52-1351V	Vendor Data Requirements Parabolic Triugh Solar Collector Foundation Design-Build Sub	STRUCTURAL - 1	EOR	5/8/2011	Construction
6007-INS-ATP-00-50-0002	Preliminary Foundation Recommendation	STRUCTURAL - 1	EOR	5/8/2011	Construction
6007-INS-ATP-32-50-0004	Solar Collector Foundation Loads	STRUCTURAL - 1	EOR	5/8/2011	Construction
6007-ESP-ATP-00-50-2061	Preliminary Geo-Tech Report	STRUCTURAL - 1	EOR	5/6/2011	Approval
6007-ESP-UTE-16-62-0002	Air Compressor Package	STRUCTURAL - 1	EOR	4/27/2011	Approval
6007-PLN-ATP-18-54-0016	General Location of Mirror Building	STRUCTURAL - 1	EOR	4/11/2011	Purchase
6007-INS-ATP-32-50-0001	Exterior Solar Collector Foundation Loads	STRUCTURAL - 1	EOR	4/8/2011	Approval
6007-INS-ATP-32-50-0002	Interior Solar Collector Foundation Loads	STRUCTURAL - 1	EOR	4/8/2011	Approval
6007-PLN-ATP-00-50-S001	General Civil and Structural Notes	STRUCTURAL - 1	EOR	1/6/2011	Bid/Quote
6007-PLN-ATP-00-50-S002	Typical Ladder and Safety Cage Details	STRUCTURAL - 1	EOR	1/6/2011	Bid/Quote
6007-PLN-ATP-00-50-S003	Typical Pipe Handrail, Stairway and Grating Details	STRUCTURAL - 1	EOR	1/6/2011	Bid/Quote
6007-PLN-ATP-00-50-S004	Standard Base Plate Details and Standard Shear Key Details	STRUCTURAL - 1	EOR	1/6/2011	Bid/Quote
Compliance No.:	GEN-2				
Job :	Mojave Solar Project				
Date: 5/11/12	Description: Structural Master Drawing List				

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS
TRANSPORTATION PERMITS

ROAD EXCAVATION PERMIT

825 East Third Street
San Bernardino, CA 92415
(909)387-8046

PERMITTEE COPY

DIST: 12 **MAP:** 15S00 **ROAD NAME:** HARPER LAKE ROAD
ACCOUNT NO.: **PARCEL NUMBER:**

Permittee ABENER TEYMA MOJAVE
11391 PARK AVE, SUITE 208
VICTORVILLE, CA 92392

Permit Number:T12000831
Permit Date: 05/07/2012
Permit Expires: 05/07/2013
Start Work: 05/07/2012

Contact: LEONARDO BRUNO
Phone:949-572-9254

In accordance with your application dated 03/14/2012 , and subject to the provisions and requirements of County Code Code No. 51.011-51.059 and/or Provisions as may be attached hereto, PERMISSION IS HEREBY GRANTED TO encroach within County road right-of-way for the purpose of performing the following work:

DESCRIPTION:

42134 HARPER LAKE RD IN THE AREA OF HINKLEY. CONSTRUCT 2 CELL 10'x6' PRECAST CONC. BOX CULVERT FOR PROP CHANNEL CROSSING UNDER LOCKHART RD. CONC. BOX CULVERT SHALL MEET MIN. CALTRANS DESIGN STANDARDS. **ALL STREET REPAIRS MUST BE COMPLETED PER THE SAN BERNARDINO CO. DEPT. OF PUBLIC WORKS GENERAL PERMIT CONDITIONS AND TRENCH SPECIFICATIONS.**

Contact Don Bowen at (760) 995-8222 24 hours before start of work DBowen@dpw.sbcounty.gov

CONSTRUCTION ITEMS:

Driveway: **Number:**0 **Curb&Gutter:** 0 **Sidewalk:** 0 **Paving:** 0 **Drainage:** **Wall:** **Other:** $0.00

UTILITY:

Electric: **Sewer:** **Telephone:** **Water:** **CATV:** **Gas:** **Fiber Optic:** **Other:** 2 CONC BOX CULVERTS

Length: 0 **Width:** **Size and Material:** **Work Order:**

ENCROACHMENT:

Driveway: **Parking Deck:** **Retaining Wall:** **Tree Removal:** **Other:**

(SEE REVERSE AND ATTACHED FOR PERMIT CONDITIONS)

This permit is to be strictly construed and no work other than that specifically mentioned above is authorized hereby. Performance of the work deemed to be acceptance by the permittee of all terms and conditions of this permit.

Exempt	N	RECEIPT NO.	2505677	
Charge	Y	APPLICATION/ISSUANCE	$150.00	
Cash	N	INSPECTION FEE	$439.40	
			$0.00	
		TOTAL PERMIT FEE	$1,589.40	Permit Engineer
		DEPOSIT	$1,000.00	Transportation Department

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS
TRANSPORTATION PERMITS

825 East Third Street
San Bernardino, CA 92415
(909)387-8046

ROAD EXCAVATION PERMIT

PERMITTEE COPY
T12000831

GENERAL PROVISIONS

NOTIFICATIONS: Permittee shall notify the Inspection Section on a form provided by the County Transportation Department (1) Date work is to start. (2) Date work has been completed.

COMPLIANCE WITH STATE CONSTRUCTION SAFETY ORDERS: Permittee and/or it's contractor where applicable shall obtain a permit from Division of Industrial Safety, State of California, prior to trench excavation if the excavation is over five feet in depth or workmen will be endangered by moving ground.

UNDERGROUND UTILITIES LOCATION: Prior to beginning any activity authorized in this permit, the Permittee and/or Permittee's authorized agent, shall notify Underground Service Alert (USA) at 1-800-422-4133 at least 48 hours in advance to coordinate the permit activity.

SURVEY MONUMENTS: Where there is a possibility of a survey monument or monuments being disturbed or destroyed, they shall be located, referenced and a Corner Record filed with the County Surveyor prior to the start of construction. Survey monuments shall be reset in the surface of the new construction, a suitable monument box placed thereon, or permanent witness monuments set and a Corner Record filed with the County Surveyor prior to final project clearance. All work shall be performed under the direction of a licensed Land Surveyor or registered Civil Engineer at the expense of the permittee.

PROTECTION OF TRAVELING PUBLIC: Permittee shall take adequate precautions for the protection of the traveling public at all times. Barricades, flashing amber lights, and warning signs together with flagmen, where necessary, shall be placed and maintained in accordance with the current Department of Public Works, State of California, publication entitled 'Manual of Traffic Controls' until the excavation is refilled, the obstruction removed, and the roadway is made safe for the use of the traveling public.

ROAD CLOSURE: Closure can only be granted by formal application to the County Transportation Department. Allow one week to process request for overnight closure. Permittee shall notify the Fire Department, California Highway Patrol and County Sheriff's Office prior to any period of road closure.

TRENCHING ACROSS ROADWAY: Unless formal approval has been granted for full road closure, excavation of trenches across any roadway shall be progressive. Not more than ½ of the width of a traveled way shall be closed at one time and the remaining width of traveled way shall be kept open to traffic by bridging or backfilling.

ROAD RESTORATION: Trench repair and replacement of pavement shall be accomplished according to attached Special Provisions for utility trench work within County road right-of-way. If permittee fails or refuses to refill any excavation which he has made, or replace any pavement he has removed or damaged, or remove any obstruction which he has placed in any County roadway, the County Transportation Department may take corrective action as necessary to protect the roadway and traveling public and the Permittee shall reimburse the County Transportation Department for any costs thereof.

PAYMENT OF COSTS: Permittee is liable for and shall pay upon demand all County Transportation Department costs related to the permit including but not restricted to the costs of repairing or restoring the County roads to the same or equal condition that they were in before being cut or damaged as a result of Permittee's activities.

HOLD HARMLESS CLAUSE: Permittee agrees to indemnify County, it's officers, agents, and employees against and hold them harmless of and from all claims and liabilities of any kind arising out of, in connection with or resulting from negligence on part of Permittee, it's officers, agents, contractor, and employees in connection with work undertaken under this permit, and defend County and it's officers, commissions, agents and employees from any suits or actions at law or in equity from damages, and pay all court costs and counsel fees.

RELOCATION CLAUSE: Permittee may be required to remove or relocate the permitted facility at his own cost should the road need to be widened or reconstructed or for any other reason as determined by the County Transportation Department. The removal and/or relocation of said improvements shall be accomplished at no expense to San Bernardino County Transportation Department.

EXCAVATION PERMIT

1. All trench backfill and pavement repairs shall be accomplished to comply with the attached General Permit Conditions and Trench Specifications. Any survey monuments damaged or removed by Permittee's activities shall be restored or replaced at Permittee's expense.

2. Upon completion of the work, all brush, timber, scraps, and material shall be entirely removed and the right-of-way left in as presentable condition as before work started.

3. Notify Inspector 24 hours prior to beginning of work.

4. Traffic Control shall be in accordance with the Cal Trans "Manual of Traffic Controls for Construction and Maintenance Work Zones" or as directed by the inspector.

5. Road Closure: Closure can only be granted by formal application to the Department of Public Works. Allow fifteen (15) working days to process the request for closure. Permittee shall be required to notify all residents and businesses at least 7 days prior to road closure. A letter will be provided as a guide by the Department of Public Works for Permittee to mail out. Permittee shall notify Fire Department, California Highway Patrol, County Sheriff's, Department and local School District at least 72 hours prior to any period of road closure.

MAINTENANCE GUARANTEE

Under the provisions of San Bernardino County Code Section 51.0210 adopted by the Board of Supervisors on September 17, 1979, the highway surface excavated or damaged shall be replaced by the Permittee to as good or better condition as the same was in before such work was begun and shall be maintained for the life of the utility encroaching in the public road after the completion of the work performed under the permit, during which life time period the Permittee shall repair and make good any injury or damage to any portion of the highway which occurs as a result of work done under the permit.

PROTECTION OF SURFACE AND UNDERGROUND FACILITIES

Permittee shall receive an inquiry identification number from Underground Service Alert, telephone number 1-800-227-2600 prior to performing any work authorized by this permit; including all surface and underground excavation operations. Permit shall not be valid until the inquiry number is received. Underground Service Alert requires a minimum of 48 hours notice prior to the beginning of work to verify the location and ties of survey monuments, valve covers, meter boxes, manholes, hand holes and underground facilities.

SEDIMENT & EROSION CONTROL

All earth material remaining on the roadway pavement, at the completion of permit work, shall be removed by brooming and/or sweeping to reduce the possibility of this material being carried by runoff ad/or deposited in a stream, drainage course, natural water course, lake or other area. This work is required per Section 810.0511 (b) of Ordinance No. 2872 adopted by the Board of Supervisors March 12, 1984. National Pollutant Discharge Elimination System, Federal law, State law and local ordinance shall be strictly enforced.

Revised: May 4, 2009

ROAD PERMIT SECTION

Permit No.: T12000831

Date Issued: 5-7-12

Initials: SG

Transportation Permit Section

6007-LIS-ATP-00-60-G127
GEN-2
Job: Mojave Solar Project
Date: 9 May 2012
Description: Mechanical Master Document List
Rev 2
By: JWP
App'd: MZA

Doc Number	Description	Type of Document	Rev. No	Vendor Supplied or EOR	Applicable Condition of Certification	Submittal Date	Reason For Submittal
6007-ESP-ATP-00-00-GW001	Groundwater Well Reconnaissance & Abandonment	Spec	0	SP	GEN-2	Field	Approval
6007-ESP-ATP-00-60-G100	Project Design Criteria	Spec	3	HED	GEN-2	30-Aug-2012	Approval
6007-ESP-ATP-00-60-G103	Quantitative Risk Analysis	Spec	1	KH	GEN-2	19-Apr-2012	Approval
6007-ESP-ATP-00-60-G120	Equipment Modeling Vendor Requirements	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-G121	Shipping Preparation	Spec	2	CK	GEN-2	25-Aug-2011	Approval
6007-ESP-ATP-00-60-G130	Required Allowable Nozzle Loads	Spec	1	CK	GEN-2	27-Jan-2011	Approval
6007-ESP-ATP-00-60-I100	Mineral Fiber Insulation	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-I150	Aluminum Jacket Cover for Insulaton	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-I152	Removable - Reusable Jacketing for Insulation	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-I153	Installation of Insulation and Jacketing on Piping	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-I180	Miscellaneous Insulation Materials	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-N101	Two Coat System for Low Temperature Non-Primed Carbon Steel	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-N102	Two Coat System for High Temperature Non-Primed Carbon Steel	Spec	1	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-N103	Safety and Hazards Paint	Spec	1	UR	GEN-2	30-Jun-2011	Approval
6007-ESP-ATP-00-60-N105	Hot Dip Galvanizing	Spec	1	UR	GEN-2	30-Jun-2011	Approval
6007-ESP-ATP-00-60-N106	Touch-up for Galvanized Steel	Spec	1	UR	GEN-2	30-Jun-2011	Approval
6007-ESP-ATP-00-60-N180	Shop Applied Paint	Spec	2	CK	GEN-2	31-Jan-2012	Approval
6007-ESP-ATP-00-60-N185	Field Applied Paint	Spec	0	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-60-N190	Tank Lining	Spec	0	UR	GEN-2	17-Feb-2011	Approval
6007-ESP-ATP-00-60-Q101	Hydrostatic Pressure Test of Metallic Equipment	Spec	0	CK	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-61-G113	Pipe Index	Spec	2	JWP	GEN-2	17-Jan-2012	Approval
6007-ESP-ATP-00-62-M900	Safety Showers	Spec	0	SMR	GEN-2	17-Jan-2011	Approval
6007-ESP-ATP-00-62-U500	Steam Turbine Generator	Spec	0	GENERAL ELECTRIC	GEN-2	31-May-2011	Approval
6007-ESP-ATP-00-62-U501	Steam Turbine Generator	Spec	1	GENERAL ELECTRIC	GEN-2	10-Feb-2012	Approval
6007-ESP-ATP-00-62-U502	Steam Turbine	Spec	0	GENERAL ELECTRIC	GEN-2	31-May-2011	Approval
6007-ESP-ATP-00-62-U503	Turbine Generator Auxiliaries	Spec	0	GENERAL ELECTRIC	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-00-62-U504	Steam Turbine Generator Instrumentation and Controls	Spec	0	GENERAL ELECTRIC	GEN-2	7-Jun-2011	Approval
6007-ESP-ATP-00-62-U505	Steam Turbine Generator Engineering Coordination and Services	Spec	0	GENERAL ELECTRIC	GEN-2	6-Jun-2011	Approval
6007-ESP-ATP-12-62-W200	Water Treatment System	Spec	2	RS	GEN-2	30-Nov-2011	Approval
6007-ESP-ATP-14-60-G176	Cooling Water Analysis	Spec	0	RS	GEN-2	24-Aug-2011	Approval
6007-ESP-ATP-14-62-P205	Cooling Tower Pumps	Spec	0	WMP	GEN-2	16-Aug-2011	Approval
6007-ESP-ATP-14-62-P401	CWT Pumps	Spec			GEN-2	1-May-2012	Approval
6007-ESP-ATP-14-62-P415	Cooling Tower Auxiliary Pumps	Spec	0	WMP	GEN-2	24-Aug-2011	Approval
6007-ESP-ATP-14-62-U300	Cooling Towers	Spec	1	SPX COOLING TECHNOLOGIES	GEN-2	16-Mar-2012	Approval
6007-ESP-ATP-14-62-X401	Cooling Water Tower	Spec			GEN-2	1-Jun-2012	Approval
6007-ESP-ATP-15-81-S103	Fire Protection Subcontract	Spec	0	KH	GEN-2	28-Feb-2012	Approval
6007-ESP-ATP-16-62-0002	Air Compressor Package	Spec	2	ZRW	GEN-2	17-Oct-2011	Approval

6007-ESP-ATP-16-62-Z480	Compressed Air System	Spec			GEN-2	1-Aug-2012	Approval
6007-ESP-ATP-17-62-U601	Steam Moisture Separator (Post High Pressure Turbine)	Spec	1	CK	GEN-2	5-Mar-2012	Approval
6007-ESP-ATP-21-62-B315	Moisture Separator	Spec			GEN-2	1-May-2012	Approval
6007-ESP-ATP-21-62-P208	Boiler Feedwater Pumps	Spec	1	FLOWSERVE	GEN-2	8-Mar-2012	Approval
6007-ESP-ATP-21-62-P302	BFW Pumps	Spec			GEN-2	15-Jun-2012	Approval
6007-ESP-ATP-21-62-P306	TG Condensate Pumps	Spec			GEN-2	15-Jun-2012	Approval
6007-ESP-ATP-21-62-P315	Pwr Gen Condensate Receiver Pumps	Spec			GEN-2	15-Jun-2012	Approval
6007-ESP-ATP-21-62-SG01	Steam Generator Package Scope of Supply	Spec	0	FOSTER WHEELER	GEN-2	29-Apr-2011	Approval
6007-ESP-ATP-21-62-U200	Auxiliary Boiler	Spec	1	KH	GEN-2	19-Oct-2011	Approval
6007-ESP-ATP-21-62-U201	Deaerators	Spec	3	STERLING	GEN-2	15-Mar-2012	Approval
6007-ESP-ATP-21-62-V315	Power Gen Condensate Receiver	Spec			GEN-2	15-Jun-2012	Approval
6007-ESP-ATP-21-62-X355	Boiler Blowdown Cooler	Spec	0	JWP	GEN-2	27-Feb-2012	Approval
6007-ESP-ATP-21-62-X400	Boiler Feedwater Heaters	Spec	4	FOSTER WHEELER	GEN-2	12-Dec-2011	Approval
6007-ESP-ATP-21-62-Z309	Boiler Chemical Feed System	Spec			GEN-2	15-Jul-2012	Approval
6007-ESP-ATP-25-62-P301	Condensate Pump	Spec	1	CK	GEN-2	18-Nov-2011	Approval
6007-ESP-ATP-25-62-P302	Reciever Pump Station	Spec	1	CK	GEN-2	18-Nov-2011	Approval
6007-ESP-ATP-25-62-U555	Steam Condenser Vacuum System Specification	Spec	1	CK	GEN-2	12-Aug-2011	Approval
6007-ESP-ATP-25-62-U600	Steam Surface Condenser Specification	Spec	1	CK	GEN-2	12-Aug-2011	Approval
6007-ESP-ATP-25-62-X313	Steam Condenser	Spec			GEN-2	1-Jul-2012	Approval
6007-ESP-ATP-29-60-G175	Well Water Analysis	Spec	1	UR	GEN-2	30-Aug-2011	Approval
6007-ESP-ATP-29-60-W601	Water Well Development	Spec	0	LAYNE CHRISTENSEN COMPANY	GEN-2	17-Oct-2011	Approval
6007-ESP-ATP-29-62-P405	Centrifugal Water Pumps	Spec	0	JWP	GEN-2	4-Apr-2012	Approval
6007-ESP-ATP-29-62-S112	Production Wells	Spec	2	LAYNE CHRISTENSEN COMPANY	GEN-2	18-Jan-2012	Approval
6007-ESP-ATP-29-62-T201	Field Fabricated Tank	Spec	1	PASO ROBLES TANK INC	GEN-2	20-Jan-2012	Approval
6007-ESP-ATP-29-62-T402D	Raw-Fire Water Tank	Spec	0	PASO ROBLES TANK INC	GEN-2	26-Aug-2011	Approval
6007-ESP-ATP-29-62-T424D	Cooling Tower Blow Down Tank	Spec	0	PASO ROBLES TANK INC	GEN-2	26-Aug-2011	Approval
6007-ESP-ATP-29-62-T444D	Process Water Tank	Spec	0	PASO ROBLES TANK INC	GEN-2	26-Aug-2011	Approval
6007-ESP-ATP-29-62-T451D	Polisher Feed Tank	Spec	0	PASO ROBLES TANK INC	GEN-2	26-Aug-2011	Approval
6007-ESP-ATP-29-62-T453D	Polished Water Tank	Spec	0	PASO ROBLES TANK INC	GEN-2	26-Aug-2011	Approval
6007-ESP-ATP-37-62-0001	Overhead Bridge Cranes	Spec	3	COLTON	GEN-2	19-Oct-2011	Approval
6007-ESP-ATP-44-62-F206	Carbon Filters	Spec	0	WMP	GEN-2	29-Mar-2012	Approval
6007-ESP-ATP-44-62-V208	HTF Scrubbers	Spec	0	WMP	GEN-2	21-Oct-2011	Approval
6007-ESP-ATP-53-00-G190	Site Chemicals Storage	Spec	0	UR	GEN-2	17-Jan-2011	Approval
6007-ESP-ATP-57-68-M450	Flexible Hoses for HTF Piping to/from Solar Collectors	Spec	0	ZRW	GEN-2	22-Feb-2012	Approval
6007-ESP-ATP-58-62-F201	HTF Strainers	Spec	0	JWP	GEN-2	27-Feb-2012	Approval
6007-ESP-ATP-58-62-P200	Main HTF Pumps	Spec	1	FLOWSERVE	GEN-2	27-Jan-2012	Approval
6007-ESP-ATP-58-62-P201	HTF Standby Pump	Spec	0	RGTD	GEN-2	9-Sep-2011	Approval
6007-ESP-ATP-58-62-P204	HTF Fill_Discharge Pump	Spec	1	RGTD	GEN-2	16-Jan-2012	Approval
6007-ESP-ATP-58-62-P221	HTF Degradations Recycle Pumps	Spec	1	RGTD	GEN-2	16-Jan-2012	Approval
6007-ESP-ATP-58-62-T204	HTF Overflow Tanks	Spec	1	PASO ROBLES TANK INC	GEN-2	30-Jan-2012	Approval
6007-ESP-ATP-58-62-V200	HTF Expansion Vessels	Spec	2	RGTD	GEN-2	6-Mar-2012	Approval
6007-ESP-ATP-58-62-V206	HTF/Steam Flash Vesssel	Spec			GEN-2		Approval
6007-ESP-ATP-58-62-V207	Low Boiler Condensate Receiver Vessels	Spec	1	WMP	GEN-2	23-Mar-2012	Approval
6007-ESP-ATP-58-62-X205	HTF Tank Coolers	Spec	0	WMP	GEN-2	4-Jan-2012	Approval
6007-ESP-ATP-58-62-X206	Nitrogen Ullage Coolers	Spec	1	WMP	GEN-2	6-Apr-2012	Approval
6007-ESP-ATP-58-62-X208	HTF Antifreeze Heater	Spec	0	RGTD	GEN-2		Approval
6007-ESP-ATP-64-62-X207	Nitrogen Electric Heater	Spec	0	SMR	GEN-2	10-Feb-2012	Approval
6007-ESP-ATP-64-62-Z208	Nitrogen System	Spec			GEN-2	1-May-2012	Approval
6007-HDD-ATP-58-62-C103	Therminol VP-1	Spec	0	HED	GEN-2	3-Feb-2012	Approval

6007-HDD-ATP-58-62-X204	HTF Electric Tank Resistors	Datashet	0	SMR	GEN-2	9-May-2012	Approval
6007-LIS-ATP-00-60-G110	Equipment Motor List	List	1	WMP	GEN-2	24-Jan-2012	Approval
6007-LIS-ATP-00-60-G113	Equipment Parameter List	List	0	EOR/WMP	GEN-2	17-Feb-2012	Approval
6007-LIS-ATP-00-60-G114	Line List	List	0	EOR/WMP	GEN-2	21-Feb-2012	Approval
6007-LIS-ATP-00-60-G127	Mechanical Master Document List	List	2	JWP	GEN-2	15-Mar-2012	Approval
6007-LIS-ATP-00-60-G181	Vacuum Breaker List	List	0	HED	GEN-2	9-May-2011	Approval
6007-LIS-ATP-00-60-G182	Check Valve list	List	0	HED	GEN-2	9-May-2011	Approval
6007-LIS-ATP-00-60-G183	Relief and Safety Valve List	List	0	WMP	GEN-2	12-May-2011	Approval
6007-LIS-ATP-00-60-G184	Filter List	List	0	WMP	GEN-2	12-May-2011	Approval
6007-PLN-ATP-00-02-L001	Layout For Alpha Plant	Drawing	5	MJS/ERD	GEN-2	16-Mar-2012	Approval
6007-PLN-ATP-00-02-L002	Layout For Beta Plant	Drawing	5	MJS/ERD	GEN-2	16-Mar-2012	Approval
6007-PLN-ATP-00-02-L003	Central Plant Layout - Alpha Plant	Drawing	5	MJS/ERD	GEN-2	16-Mar-2012	Approval
6007-PLN-ATP-00-02-L004	Central Plant Layout - Beta Plant	Drawing	5	MJS/ERD	GEN-2	16-Mar-2012	Approval
6007-PLN-ATP-00-02-L010	Site Plan	Drawing	3	MJS/ERD	GEN-2	16-Mar-2012	Approval
6007-PLN-ATP-00-70-I001C	Drawing Index P&ID	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-00-70-N001C	Nomenclature Sheet 1 P&ID	Drawing	2	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-00-70-N002C	Nomenclature Sheet 2 P&ID	Drawing	1	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-00-70-N003C	Nomenclature Sheet 3 P&ID	Drawing	2	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-00-71-CL02A	Expansion System - Alpha plant Pressure & Level Control Complex Logic Diagram	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-00-71-CL03A	Total HTF Flow Control - Alpha Plant Branch Flow Balance Trim Control Complex Logic Diagram	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-00-71-CL08C	Overflow System Pressure, Temp, and Minimum Flow Control	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-21-51-0001	Steam Generation Area Layout	Drawing	0	CK	GEN-2	9-Jun-2011	Approval
6007-PLN-ATP-21-71-P301C	Steam Generation - Preheater P&ID	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-21-71-P302C	Steam Generation - Evaporator P&ID	Drawing	1	WMP/JTP	GEN-2	23-Sep-2012	Approval
6007-PLN-ATP-21-71-P303C	Steam Generation - Superheater P&ID	Drawing	1	WMP/JTP	GEN-2	23-Sep-2012	Approval
6007-PLN-ATP-21-71-P304C	Steam Generation - Reheaters System P&ID	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-21-71-P305C	Steam Generation - Blowdown System P&ID	Drawing	1	WMP/JTP	GEN-2	23-Sep-2011	Approval
6007-PLN-ATP-21-71-P306C	Steam Generation - Sampling System P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-25-71-P309C	Auxiliary I.P. Steam System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P310C	HP Steam Turbine P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P311C	LP Steam Turbine P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P312C	Condensate System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P313C	Turbine Drain Flash Tank System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P315C	Condenser Air Removal System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P316C	Turbine Seal And Drain System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P317C	Boiler Feedwater Heater #5 P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P321C	LP Feedwater Heater System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P322C	Dearator System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P323C	Feedwater Pumps P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P324C	HP Feedwater Heater System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P325C	Boiler Feedwater Chemical Feed System P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-25-71-P330C	TG Machine Monitoring System P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-25-71-P335C	TG Lube Oil Skid P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-25-71-P336C	TG Lube Oil System P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-25-71-P340C	Cooling Water - TG Area P&ID	Drawing	2	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-25-71-P350C	Auxiliary Boiler P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval

6007-PLN-ATP-57-71-P100A	Solar Field - Alpha Plant P&ID	Drawing	1	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-57-71-P100B	Solar Field - Beta Plant P&ID	Drawing	1	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-57-71-P102A	Solar Field Piping Loops - Alpha Plant P&ID	Drawing	2	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-57-71-P102B	Solar Field Piping Loops - Beta Plant P&ID	Drawing	2	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-57-71-P104C	Solar Field Collector Detail - 2 Loops P&ID	Drawing	2	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P401C	Cooling Tower P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P402C	Cooling Tower Chemical Feed System P&ID	Drawing	1	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P405C	Auxiliary Cooling Water System P&ID	Drawing	3	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P410C	Raw/Fire Water Storage Tank P&ID	Drawing	2	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P411C	Central Plant Potable Water System P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P413C	Magnesium Carbonate Storage, Mix and Delivery System P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P414C	Sodium Carbonate Storage, Mix and Delivery System P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P415C	Lime Storage, Mix and Delivery System P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P416C	Ferric Chloride Feed System P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P424C	Cooling Tower Blowdown Tank P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P426C	CLS Parallel Reaction Tanks P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P427C	Clarifier System P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P428C	Filter Press P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P430C	Filtrate Recycle P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P431C	Sulfuric Acid P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P432C	Clearwell P&ID	Drawing	1	WMP/JTP	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P437C	Primary Ro Pumps P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P438C	Primary RO System - Unit A P&ID	Drawing	0	WMP/MJS	GEN-2	24-Jan-2012	Approval
6007-PLN-ATP-67-71-P439C	Primary RO System - Unit B P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P441C	Primary RO System - Unit C P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P442C	Primary RO System - Unit D P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P444C	Process Makeup Water Storage Tank P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P446C	Polishing Mirror RO P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P448C	Concentrated RO System - Unit A P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P449C	Concentrated RO System - Unit B P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P450C	Concentrated RO System - Unit C P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P451C	RO Water Storage Tank P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P452C	Polishing Exchangers P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P453C	Polished Water Storage Tank P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P454C	RO Clean-in-Place P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P455C	Water: Oil Separator P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P456C	Waste Water Tank P&ID	Drawing	0	WMP/MJS	GEN-2	9-May-2011	Approval
6007-PLN-ATP-67-71-P470C	Fire Protection Loop P&ID	Drawing	2	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P471C	Underground Fire Protection Loop P&ID	Drawing	1	WMP/JTP	GEN-2	23-Sep-2011	Approval
6007-PLN-ATP-67-71-P480C	Compressed Air Instrument and Service P&ID	Drawing	1	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P481C	Instrument Air Distribution P&ID	Drawing	1	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P482C	Steam Gneration - Instrument Air System P&ID	Drawing	1	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-67-71-P483C	Natural Gas Distribution P&ID	Drawing	2	ERD	GEN-2	6-Mar-2012	Approval
6007-PLN-ATP-68-71-P200A	Central Plant HTF Distribution - Alpha Plant P&ID	Drawing	3	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-68-71-P200B	Central Plant HTF Distribution - Beta Plant P&ID	Drawing	3	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-68-71-P202A	HTF Circulation Pumps - Alpha Plant P&ID	Drawing	2	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-68-71-P202B	HTF Circulation Pumps - Beta Plant P&ID	Drawing	3	ERD/JTP	GEN-2	9-Mar-2012	Approval

6007-PLN-ATP-68-71-P204C	HTF Expansion System P&ID	Drawing	3	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-68-71-P206C	HTF Overflow System P&ID	Drawing	3	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-68-71-P208C	HTF Ullage Vent System P&ID	Drawing	3	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-68-71-P210C	Nitrogen Generation And Distribution P&ID	Drawing	1	ERD/JTP	GEN-2	9-Mar-2012	Approval
6007-PLN-ATP-68-11-F000C	Solar Field	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F001A	HTF-Alpha Plant	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F001B	HTF-Beta Plant	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F002C	HTF Expansion Vent And Overflow Material Balance Tables	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F003C	HTF Vents and Overflow Material Balance Tables	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F004C	Steam Generation	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F005C	Steam Turbine Generator	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F007C	Water Treatment	Drawing	2	WMP/JTP	GEN-2	17-Jan-2012	Approval
6007-PLN-ATP-68-11-F008C	Water Treatment Material Balance Table	Drawing	1	WMP/JTP	GEN-2	19-Oct-2011	Approval
6007-PLN-ATP-68-11-F009C	Cooling Water System	Drawing	1	WMP/JTP	GEN-2	19-Oct-2011	Approval

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans MECH-1-1.00- IFP Steam Generation Area Reheaters Foundations-PCF

General Information

Submittal Title	MECH-1-1.00- IFP Steam Generation Area Reheaters Foundations-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	04/06/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	
Expedite Instructions	
Letter of Transmittal	2012.03.22_IFP_Steam_Generation_Area_Reheaters_Foundations_TMT.pdf 2012.04.27_IFP_Steam_Generation_Area_Reheaters_Foundations_TMT2.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-AGE-21-52-6001.pdf 6007-PLN-AGE-21-52-6002.pdf 6007-PLN-AGE-21-52-6003.pdf 6007-PLN-AGE-21-52-6004.pdf 6007-PLN-AGE-21-52-6005.pdf 6007-PLN-AGE-21-52-6006.pdf 6007-PLN-AGE-21-52-6007.pdf 6007-CAL-AGE-21-52-2001.pdf 6007-CAL-AGE-21-52-6001.pdf	05/03/2012	CBO Approved PC2

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-AGE-21-52-2000.pdf		
6007-PLN-AGE-21-52-2001.pdf		
6007-PLN-AGE-21-52-2002.pdf		
6007-PLN-AGE-21-52-2003.pdf		
6007-PLN-AGE-21-52-2004.pdf		
6007-PLN-AGE-21-52-2005.pdf		
6007-PLN-AGE-21-52-2006.pdf		
6007-PLN-AGE-21-52-2007.pdf		
6007-PLN-AGE-21-52-6000.pdf		

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
High_Temperature_Concrete.pdf	05/03/2012	CBO Reference Only PC2

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party	Sanchez, Frances, frances.sanchez@solar.abengoa.com
Send Email to Action Party	No
Lead Plan Reviewer	Danandeh, Sid, sid.danandeh@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	

Email Notification

Send Email to Plan Checker?	No

Processing Information

Modified By	Susan Coddington-Allen
Last Modification Date	05/03/2012
V1 - Last Updated By	
V1 - Last Updated On	
Created By	Shamica Zenn

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans MECH-1-3.00-MT-402 Mojave Plant Tank Drawings-PCF

General Information

Submittal Title	MECH-1-3.00-MT-402 Mojave Plant Tank Drawings-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	04/24/2012
Due Date	
Due Date Comments	5/16/12 - BT; Additional documents uploaded per request of SA.
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.04.26_MT-402_Alpha_Plant_Tank_Drawings_TMT2.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-PRI-39-62-1228_(DS_05-15-12).pdf 0187P-A1&2_-_MT-402_Raw-Fire_Water_Tank_-_Structural_Calculations_r2_(DS_05-09-12).pdf 6007-PLN-PRI-39-62-1101_(DS_05-15-12).pdf 6007-PLN-PRI-39-62-1102_(DS_04-22-12).pdf 6007-PLN-PRI-39-62-1103_(DS_04-22-12).pdf 6007-PLN-PRI-39-62-1104_(DS_04-22-12).pdf 6007-PLN-PRI-39-62-1105_(DS_05-15-12).pdf 6007-PLN-PRI-39-62-1106_(DS_04-22-12).pdf 6007-PLN-PRI-39-62-1107_(DS_04-22-12).pdf	05/17/2012	CBO Approved PC1

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-PRI-39-62-1108_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1109_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1110_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1111_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1112_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1113_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1114_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1115_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1116_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1117_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1118_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1119_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1120_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1121_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1122_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1123_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1124_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1125_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1128_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1201_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1202_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1203_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1204_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1205_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1206_(DS_04-22-12).pdf		

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-PRI-39-62-1207_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1208_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1209_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1210_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1211_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1212_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1213_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1214_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1215_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1216_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1217_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1218_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1219_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1220_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1221_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1222_(DS_05-15-12).pdf		
6007-PLN-PRI-39-62-1223_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1224_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1225_(DS_04-22-12).pdf		
6007-PLN-PRI-39-62-1227_(DS_05-15-12)-kl.pdf		
6007-PLN-PRI-39-62-1126_(DS_05-15-12)-kl.pdf		
6007-PLN-PRI-39-62-1127_(DS_05-15-12)-kl.pdf		
6007-PLN-PRI-39-62-1226_(DS_05-15-12)-kl.pdf		

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Conditionally Approved

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party	Taylor, Arpan, arpan.tailor@abener.abengoa.com Redell, Frederick, frederick.redell@solar.abengoa.com Stuckey, Matt, 415-391-1685, matt.stucky@solar.abengoa.com Tomajic, Barbara, barbara.tomajic@us.bureauveritas.com Alhalabi, Mike, mohamad.alhalabi@abener.abengoa.com Rundquist, Dale, 916.651.2072, drundqui@energy.state.ca.us Sullivan, Kathleen, 303-928-8500, kathleen.sullivan@solar.abengoa.com Sanchez, Frances, frances.sanchez@solar.abengoa.com Leeming, Vernon, vernon.leeming@teyma.abengoa.com Potrovitza, Nicholas, nicholas.potrovitza@solar.abengoa.com Pochmara, Steven, steven.pochmara@teyma.abengoa.com Klinkebiel, Ron, ron.klinkebiel@abener.abengoa.com Santucci, Kristy, kristy.santucci@us.bureauveritas.com
Send Email to Action Party	No
Lead Plan Reviewer	Amirazizi, Saeed, saeed.amirazizi@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	LONG, Keith, keith.long@us.bureauveritas.com
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/18/2012
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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans MECH-1-2.00X1- MT-402 Alpha Plant Foundation-PCF

Edit Add Copy

General Information

Submittal Title	MECH-1-2.00X1- MT-402 Alpha Plant Foundation-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	05/11/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	Yes
Expedite Instructions	
Letter of Transmittal	2012.05.11_MT-402_Mojave_Water_Tank_Foundations_TMT2.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-PRI-39-52-1205_(DS_05-11-12).pdf	05/14/2012	CBO Approved PC1

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
0187P-A2_-_Memo_(DS_05-11-12).pdf	05/14/2012	CBO Reference Only PC1

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

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srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party

Pochmara, Steven, steven.pochmara@teyma.abengoa.com
Potrovitza, Nicholas, nicholas.potrovitza@solar.abengoa.com
Sanchez, Frances, frances.sanchez@solar.abengoa.com

Email Notification

	Tomajic, Barbara, barbara.tomajic@us.bureauveritas.com
Send Email to Action Party	No
Lead Plan Reviewer	Amirazizi, Saeed, saeed.amirazizi@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/17/2012
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V1 - Last Updated On	
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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans MECH-1-2.00-MT-402 Mojave Water Tank Foundations-PCF

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General Information

Submittal Title	MECH-1-2.00-MT-402 Mojave Water Tank Foundations-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	04/10/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.03.23_MT-402_Mojave_Water_Tank_Foundations_TMT.pdf 2012.05.09_MT-402_Mojave_Water_Tank_Foundations_TMT2.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
6007-PLN-PRI-39-52-1104_(DS_05-09-12).pdf	05/10/2012	CBO Approved PC3
6007-PLN-PRI-39-52-1105_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1106_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1201_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1202_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1203_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1204_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1205_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1206_(DS_05-09-12).pdf		
0187P-A1&2_-_MT-402_Raw-Fire_Water_Tank_-_Structural_Calculations_r2_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1101_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1102_(DS_05-09-12).pdf		
6007-PLN-PRI-39-52-1103_(DS_05-09-12).pdf		

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
0187P-A1&2_-_Response_To_BV_Foundation_Comments_(DS_05-09-12).pdf	05/10/2012	CBO Reference Only - PC3

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

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srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party	Sanchez, Frances, frances.sanchez@solar.abengoa.com
Send Email to Action Party	No
Lead Plan Reviewer	Amirazizi, Saeed, saeed.amirazizi@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/17/2012
V1 - Last Updated By	
V1 - Last Updated On	
Created By	Shamica Zenn

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

619.233.1454 tel
619.233.0952 fax

June 13, 2012

Mr. Dale Rundquist, CPM
(09-AFC-5C)
California Energy Commission
Siting, Transmission & Environmental Protection (STEP) Division
1516 Ninth Street (MS-2000)
Sacramento, CA 95814

RE: Monthly Compliance Report for Biological Resources for the Mojave Solar Project (MSP) for May 2012

Dear Mr. Rundquist:

This letter summarizes the status of compliance activities for biological resources for the Mojave Solar Project (MSP or Project) in May 2012. Attached is the May Monthly Compliance Report (MCR) for biological resources that describes the Project's compliance with the following Conditions of Certification for biological resources:

- BIO-1: Designated Biologist Selection
- BIO-2: Designated Biologist Duties
- BIO-3: Biological Monitor Selection, Qualifications, and Duties
- BIO-4: Designated Biologist and Biological Monitor Authority
- BIO-5: Worker Environmental Awareness Program (WEAP)
- BIO-6: Biological Resource Mitigation Implementation and Monitoring Plan (BRMIMP) Development and Compliance
- BIO-7: Impact Avoidance and Minimization Measures
- BIO-11: Desert Tortoise (DT) Exclusion Fencing, Clearance Surveys, and Translocation Plan
- BIO-14: American Badger and Desert Kit Fox Impact Avoidance and Minimization Measures
- BIO-21: U.S. Fish and Wildlife Service (USFWS) Biological Opinion

During May 2012, five compliance activities occurred on the MSP site:

- WEAP training occurred on 21 days, with 208 owner contractors and sub-contractors attending
- Biological and compliance monitoring took place for construction activities
- DT exclusion fence inspections and maintenance occurred
- Raven monitoring occurred and sightings were documented

- American Badger and Desert Kit Fox Impact Avoidance and Minimization Measures implemented

The attached MCR describes the above activities that occurred during May 2012.

If you have any questions, please Ron Walker or me at AECOM.

Sincerely,

Peggy Wood
Designated Biologist

60249161 MSP MCR Bio May 2012 Cvr Ltr_6-13-2012.doc

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans FAB-1-20.00-Hine Hydraulics Application for Approved Fabricator-PCF

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General Information

Submittal Title	FAB-1-20.00-Hine Hydraulics Application for Approved Fabricator-PCF
Submittal Description	CBO Approved
Transmittal Number	
Client Submittal Date	05/29/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.05.29_Hine_Hydraulics__Application_for_Approved_Fabricator-TMT.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
Hine Hydraulics - BV Form.pdf	05/31/2012	CBO Approved PC1

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
Hine Hydraulics - Quality Manual.pdf	05/31/2012	CBO Reference Only PC1
2012.05.29_Hine_Hydraulics__Application_for_Approved_Fabricator-TMT.pdf		
Hine Hydraulics - ISO 9001.pdf		
Hine Hydraulics - ISO Certification (exp 19Dec2011).pdf		

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

Saved Responses & Superseded Files

srsf Documents	srsf Date	srsf Comments

Saved Responses & Superseded Files

Email Notification

Action Party	Potrovitza, Nicholas, nicholas.potrovitza@solar.abengoa.com Bradley, Erin, 303-928-8500, erin.bradley@solar.abengoa.com Pochmara, Steven, steven.pochmara@teyma.abengoa.com Lozano, Juan, juan.lozano@teyma.abengoa.com Stuckey, Matt, 415-391-1685, matt.stucky@solar.abengoa.com Tomajic, Barbara, barbara.tomajic@us.bureauveritas.com Clark, Dave, 314-275-1196, david.clark@abener.abengoa.com Santucci, Kristy, kristy.santucci@us.bureauveritas.com Rundquist, Dale, 916.651.2072, drundqui@energy.state.ca.us Sullivan, Kathleen, 303-928-8500, kathleen.sullivan@solar.abengoa.com
Send Email to Action Party	No
Lead Plan Reviewer	Schoppe, Ted, ted.schoppe@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

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Modified By	Barbara Tomajic
Last Modification Date	05/31/2012
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V1 - Last Updated On	
Created By	Barbara Tomajic

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PLANS

Segmentation Selection

Project Abengoa Mojave Solar Project

Plans FAB-1-18.00-Ram Jack Manufacturing LLC Application for Approved Fabricator-PCF

General Information

Submittal Title	FAB-1-18.00-Ram Jack Manufacturing LLC Application for Approved Fabricator-PCF
Submittal Description	CBO Approved and Reference
Transmittal Number	
Client Submittal Date	04/27/2012
Due Date	
Due Date Comments	
Client Date	
Expedite	No
Expedite Instructions	
Letter of Transmittal	2012.04.27_Ram_Jack_Manufacturing_LLC_Application_for_Approved_Fabricator-TMT.pdf

Plan Checks - Pending

pcp Date	pcp Documents	pcp Comments

Plan Checks - Reviewed

pcr Date	pcr Documents	pcr Comments

CBO Approved

cboa Documents	cboa Date	cboa Comments
Fabrication app.PDF	05/01/2012	CBO Approved PC1

CBO Conditionally Approved

cboca Documents	cboca Date	cboca Comments

CBO Review-Comments

cborc Documents	cborc Date	cborc Comments

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
WPS & Certs.PDF	05/01/2012	CBO Reference PC1
WeldingCert2012.pdf		

CBO Reference Only

cboro Documents	cboro Date	cboro Comments
QA QC Manual.pdf		

Incomplete

incomplete Documents	incomplete Date	incomplete Comments

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srsf Documents	srsf Date	srsf Comments

Email Notification

Action Party	Bradley, Erin, 303-928-8500, erin.bradley@solar.abengoa.com Clark, Dave, 314-275-1196, david.clark@abener.abengoa.com Lozano, Juan, juan.lozano@teyma.abengoa.com Pochmara, Steven, steven.pochmara@teyma.abengoa.com Potrovitza, Nicholas, nicholas.potrovitza@solar.abengoa.com Rundquist, Dale, 916.651.2072, drundqui@energy.state.ca.us Santucci, Kristy, kristy.santucci@us.bureauveritas.com Stuckey, Matt, 415-391-1685, matt.stucky@solar.abengoa.com Sullivan, Kathleen, 303-928-8500, kathleen.sullivan@solar.abengoa.com Tomajic, Barbara, barbara.tomajic@us.bureauveritas.com
Send Email to Action Party	No
Lead Plan Reviewer	Schoppe, Ted, ted.schoppe@us.bureauveritas.com
Send Email to Lead Plan Reviewer	No
Plan Checker	
Send Email to Plan Checker?	No

Processing Information

Modified By	Barbara Tomajic
Last Modification Date	05/01/2012
V1 - Last Updated By	
V1 - Last Updated On	
Created By	Barbara Tomajic

ABENGOA SOLAR

Abengoa Solar Inc.

Matt Stucky
05/14/2012 12:16 PM

Send To	Steven Pochmara/Teyma/Abengoa@ABENGOA, Vernon Leeming/Teyma/Abengoa@Abengoa
cc	
bcc	
Subject	Fw: Visual Resources 1, Revised Paint Spec, 09-AFC-5C

FYI

Matt Stucky, PE
Abengoa Solar Inc.
235 Pine Street, Suite 1800
San Francisco, CA 94104
Office: 415-391-1685
Cell: 303-319-3478

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----- Forwarded by Matt Stucky/Solar/Abengoa on 05/14/2012 12:16 PM -----

"Rundquist, Dale@Energy"
05/11/2012 02:30 PM

Send To:	"holmes.bassette@solar.abengoa.com" <holmes.bassette@solar.abengoa.com>
cc:	"frances.sanchez@solar.abengoa.com" <frances.sanchez@solar.abengoa.com>, "Matt.Stucky@solar.abengoa.com" <Matt.Stucky@solar.abengoa.com>
Subject:	RE: Visual Resources 1, Revised Paint Spec, 09-AFC-5C

Hi Trey,
The Submittal for VIS-1-01-02, Surface Treatment of Project Structures and Buildings has been reviewed and approved by staff.
Thank you,
Dale R.

From: holmes.bassette@solar.abengoa.com [mailto:holmes.bassette@solar.abengoa.com]
Sent: Wednesday, May 02, 2012 9:27 AM
To: Rundquist, Dale@Energy
Cc: frances.sanchez@solar.abengoa.com; Matt.Stucky@solar.abengoa.com
Subject: Visual Resources 1, Revised Paint Spec, 09-AFC-5C

Dale,

Attached you will find the Visual Resources 1 technical memo regarding the revised paint specs.

An electronic version is also available on the ftp site.

ftp://extranet.telventcanada.com/
User name: Abengoa
Password: MSP

Thanks.

Thank you and kind Regards,

Holmes Bassette - (Trey)

Abengoa Solar Inc.
11500 W.13th Avenue, Lakewood, CO 80215
Phone: 760-962-9200 Cell: 720-289-5542
Holmes.Bassette@solar.abengoa.com
Eco-Tip: Printing e-mails is usually a waste.

Appendix G

Compliance Matrix

Date Modified: 5/11/2012		ABENGOA SOLAR	Document	COMPLIANCE MATRIX	
			Project	MOJAVE SOLAR PROJECT	
			Location	Harper Lake, California	
Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
COMPLIANCE-1	PC, CONS, COMM, OPS	The CPM, responsible Energy Commission staff, and delegated agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained onsite, for the purpose of conducting audits, surveys, inspections, or general site visits. Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.	As required		Ongoing
COMPLIANCE-2	PC, CONS, COMM, OPS	Maintain project files on-site or at an alternative site approved by the CPM for the life of the project, unless a lesser period of time is specified by the Conditions. The files shall contain copies of all "as-built" drawings, documents submitted as verification for Conditions, and other project-related documents. Energy Commission staff and delegate agencies shall, upon request, be given unrestricted access to the files maintained pursuant to this Condition.	As required	As required	Ongoing
COMPLIANCE-3	PC, CONS, COMM, OPS	Verification and Submittal Instructions	As required		Ongoing
COMPLIANCE-5	PC, CONS, COMM, OPS	A compliance matrix shall be submitted to the CPM along with each monthly and annual compliance report.	MCR/ACR	Monthly, Annually	Ongoing
COMPLIANCE-6	PC, CONS, COMM, OPS	The first MCR is due one month following the Energy Commission business meeting date upon which the project was approved, unless otherwise agreed to by the CPM. The first MCR shall include the AFC number and an initial list of dates for each of the events identified on the Key Events List found at the end of this section of the Decision. During pre-construction and construction of the project, submit an original and an electronic searchable version of the MCR within 10 working days after the end of each reporting month. MCR shall be clearly identified for the month being reported.	10 working days after end of each month	Monthly	Ongoing
COMPLIANCE-7	COMM, OPS	ACR: After construction is complete, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports. The reports are for each year of commercial operation and are due to the CPM each year at a date agreed to by the CPM. Annual Compliance Reports shall be submitted over the life of the project unless otherwise specified by the CPM.	ACR	Annually	Not Started
COMPLIANCE-9	PC, CONS, COMM, OPS	Annual Energy Facility Compliance Fee: Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay an annual compliance fee, which is adjusted annually.	Day of Comm. Dec., Annually thereafter by July 1	Sept. 16, 2010; Annually thereafter by July 1	Ongoing
COMPLIANCE-10	PC, CONS, COMM, OPS	The telephone number shall be posted at the project site and made easily visible to passersby during construction and operation. All recorded complaints shall be responded to within 24 hours.	within 24 hours of receipt	within 24 hours of receipt	
COMPLIANCE-10	PC, CONS, COMM, OPS	Any changes to the telephone number shall be submitted immediately to the CPM, who will update the web page.	As required		
COMPLIANCE-10	PC, CONS, COMM, OPS	The project owner shall report and provide copies to the CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations, within 10 days of receipt. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the NOISE Conditions of Certification. All other complaints shall be recorded on the complaint form located at the end of this section.	within 10 days of receipt	within 10 days of receipt	Ongoing
COMPLIANCE-11	OPS	Planned closure: In order to ensure that a planned facility closure does not create adverse impacts, a closure process that provides for careful consideration of available options and applicable laws, ordinances, regulations, standards, and local/regional plans in existence at the time of closure, will be undertaken. To ensure adequate review of a planned project closure, the project owner shall submit a proposed facility closure plan to the Energy Commission for review and approval at least 12 months (or other period of time agreed to by the CPM) prior to commencement of closure activities. The project owner shall file 120 copies (or other number of copies agreed upon by the CPM) of a proposed facility closure plan with the Energy Commission.	12 months (or other period of time agreed to by the CPM) prior to commencement of closure activities		Not Started
COMPLIANCE-11	OPS	Prior to submittal of the proposed facility closure plan, a meeting shall be held between the project owner and the Energy Commission CPM for the purpose of discussing the specific contents of the plan. In the event that there are significant issues associated with the proposed facility closure plan's approval, or the desires of local officials or interested parties are inconsistent with the plan, the CPM shall hold one or more workshops and/or the Energy Commission may hold public hearings as part of its approval procedure.	Prior to submittal of closure plan		Not Started

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
COMPLIANCE-12	COMM	Unplanned Temporary Closure/On-Site Contingency Plan: In order to ensure that public health and safety and the environment are protected in the event of an unplanned temporary facility closure, it is essential to have an on-site contingency plan in place. The on-site contingency plan will help to ensure that all necessary steps to mitigate public health and safety impacts and environmental impacts are taken in a timely manner. The project owner shall submit an on-site contingency plan for CPM review and approval. The plan shall be submitted no less than 60 days (or other time agreed to by the CPM) prior to commencement of commercial operation. The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times.	60 days prior to COD		Not Started
COMPLIANCE-12	OPS	Other Unplanned Closure Instructions	Various	Various	When Needed
COMPLIANCE-13	OPS	Unplanned Permanent Closure/On-Site Contingency Plan: The on-site contingency plan required for unplanned temporary closure shall also cover unplanned permanent facility closure. All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure. In addition, the on-site contingency plan shall address how the project owner will ensure that all required closure steps will be successfully undertaken in the event of abandonment. In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan. The project owner shall keep the CPM informed of the status of all closure activities.	within 24 hours of unplanned temporary closure	within 24 hours of unplanned temporary closure	When Needed
COMPLIANCE-14	PC, CONS, COMM, OPS	Amendments, Ownership Changes, Staff Approved Project Modifications and Verification Change Instructions	As required		NA
AQ-SC3	CONS	Provide the CPM the following to demonstrate control of fugitive dust emissions: A summary of all actions taken to maintain compliance with this condition; Copies of any complaints filed with the District in relation to project construction; and Any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk.	MCR	Monthly	Ongoing
AQ-SC4	CONS	Provide a summary of all actions taken to maintain compliance with this condition; copies of any complaints filed with the District in relation to project construction; and any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition.	MCR	Monthly	Ongoing
AQ-SC5	CONS	Include the following to demonstrate control of diesel construction-related emissions: summary of all actions taken to control diesel construction related emissions; list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that equipment has been properly maintained; and any other documentation deemed necessary by the CPM or AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk.	MCR	Monthly	Ongoing
AQ-SC6	COMM	Submit to the CPM a copy of the plan that identifies the size and type of the on-site vehicle and equipment fleet and the vehicle and equipment purchase orders and contracts and/or purchase schedule.	30 days prior to COD		Not Started
AQ-SC6	OPS	The plan shall be updated every other year.	ACR	Biennially	Not Started
AQ-SC7	COMM	Submit to CPM for review and approval a copy of site ODCP that identifies the dust and erosion control procedures including effectiveness and environmental data for the proposed soil stabilizer, that will be used during operation of the project and that identifies all locations of the speed limit signs.	30 days prior to COD		Not Started
AQ-SC7	OPS	Provide CPM a report indentifying the locations of all speed limit signs and a copy of the project employee and contractor training manual that clearly identifies that project employees and contractors are required to comply with the dust and erosion control procedures and on-site speed limits.	60 days after COD		Not Started
AQ-SC8	CONS & OPS	Submit any ATC, PTO, and proposed federal air permit modifications to the CPM within five working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency. Submit all modified ATC/PTO documents and all federal air permits to the CPM within 15 days of reciept.	Within 5 days of its submittal or receipt		When Needed
AQ-SC9	CONS	Provide documentation regarding any requests from the residents to be relocated for longer periods during construction and the actions taken to evaluate those requests.	MCR	Monthly	When Needed
AQ-1	COMM & OPS	Aux Boilers, operation: Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission upon request.	As required		
AQ-2	COMM & OPS	Aux Boilers, fuel: Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission upon request.	As required		
AQ-3	OPS	Aux Boilers: Include information demonstrating compliance with boiler emission rates.	ACR	Annually	

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
AQ-4	OPS	Aux Boilers, tuning: Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Prior to expiration date annually	Annually	
AQ-5	OPS	Aux Boilers, operations log: Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-6	COMM	Aux Boilers, initial compliance tests: Notify the District and CPM prior to execution of test.	15 working days prior to test		
AQ-6	COMM	Submit test results to the District and CPM.	Within 180 days of initial startup		
AQ-7	OPS	Aux Boilers, annual compliance tests: Notify District of intention to perform tests.	15 business days prior to Annual test	15 business days prior to Annual test	
AQ-7	OPS	Test results submitted to the District and CPM.	6 weeks prior to expiration of permit		
AQ-8	OPS	Aux Boilers: Include information demonstrating compliance with boiler annual fuel use limit.	ACR	Annually	
AQ-9	OPS	HTF Ullage/Expansion System, operation: Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-10	OPS	Only HTF in system: Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-11	OPS	N2 blanket: Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-12	CONS & OPS	Temp. of N2 venting coolers: Provide the District and CPM manufacturer design specifications showing compliance with this condition . Have active temperature gauges that can be inspected to show compliance with this condition.	30 days prior to installation of ullage/expansion vent system		
AQ-13	CONS & OPS	HTF Storage Tank Temp./Cooler: Provide the District and CPM manufacturer design specifications showing compliance. Active temp. gauges should be available to be inspected to show compliance.	30 days prior to installation of HTF storage tanks		
AQ-14	CONS & OPS	Provide the District and CPM manufacturer design specifications showing compliance. Have active temperature gauges that can be inspected to show ongoing compliance.	30 days prior to installation of nitrogen condensing tanks		
AQ-15	CONS & OPS	Provide the District for review and approval and the CPM for review the required Inspection, Monitoring and Maintenance plan.	30 days prior to installation of HTF storage tanks and vent systems		
AQ-16	CONS	The inspection and maintenance plan shall be submitted to the CPM for review and approval .	30 days before delivery of HTF		
AQ-16	OPS	Provide the quantity of used HTF fluid removed from the system and the amount of new HTF fluid added to the system each year.	ACR	Annually	
AQ-16	OPS	Make the site available for inspection of HTF piping Inspection and Maintenance Program records and HTF system equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-17	COMM	Provide a compliance test protocol to the District for approval and CPM for review	Less than 60 days after startup		
AQ-17	COMM	Submit a test plan to the District for approval and CPM for review.	30 days prior to the compliance tests		
AQ-17	COMM	Notify the District and the CPM before the execution of the compliance tests required in AQ-18 and AQ-19.	10 working days prior to tests		
AQ-17	COMM	Test results shall be submitted to the District and to the CPM.	within 45 days after tests conducted		
AQ-18	COMM	Submit the test results to the District and to the CPM.	within 180 days after initial startup		
AQ-19	OPS	Include the test results demonstrating compliance with this condition.	ACR	Annually	
AQ-19	OPS	Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-20	OPS	Include the test results demonstrating compliance with this condition.	ACR	Annually	
AQ-20	OPS	Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-21	OPS	Submit a compliance plan of the toxic or hazardous substances for District approval and CPM review if current non-criteria substances in the HTF become regulated as toxic or hazardous substances.	As required		
AQ-22	OPS	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required	Annually	
AQ-23	OPS	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-24	COMM	The manufacturer guarantee data for the drift eliminator, showing compliance with this condition, shall be provided to the CPM and the District.	30 days prior to cooling tower operation		
AQ-24	OPS	Include information on operating emission rates to demonstrate compliance with this condition.	ACR	Annually	
AQ-25	COMM & OPS	The cooling tower recirculation water TDS content test results shall be provided to representatives of the District, ARB, and the Energy Commission upon request.	As required		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
AQ-26	COMM	Provide an emissions calculation and water sample testing protocol to the District for approval and CPM for review.	30 days prior cooling tower water test		
AQ-27	OPS	Submit to the CPM the cooling tower operating data demonstrating compliance with this condition.	ACR	Annually	
AQ-28	OPS	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required	As required	
AQ-29	OPS	Make available at request the written drift eliminator maintenance procedures for inspection by representatives of the District, ARB, and the Energy Commission.	As required	As required	
AQ-30	OPS	Make site available for inspection of equipment and records by representatives of the District, ARB, and the Energy Commission.	As required	As required	
AQ-31	OPS	Make site available for inspection of equipment and fuel purchase records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-32	CONS	Provide the District and the CPM the specification of the hour meter.	30 days prior to installation of engine		
AQ-33	OPS	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-34	OPS	Submit records required by this condition that demonstrating compliance with the sulfur content and engine use limitations of conditions AQ-28 and AQ-30 including a photograph showing the annual reading of engine hours.	ACR		
AQ-34	OPS	Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-35	OPS	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-36	OPS	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-37	OPS	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-38	COMM	Make site available for inspection of equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-39	OPS	Not necessary			
AQ-40	CONS	Submit engine specifications for review and approval demonstrating that the engines meet NSPS and ARB ATCM emission limit requirements at the time of engine purchase.	30 days prior to purchase		
AQ-41	COMM & OPS	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-42	OPS	Make site available for inspection of equipment and fuel purchase records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-43	OPS	Provide the District and the CPM the specification of the hour timer.	30 days prior to installation of engine		
AQ-44	OPS	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-45	OPS	Submit records required by this condition that demonstrating compliance with the sulfur content and engine use limitations of conditions AQ-42, AQ-44 and AQ-46 including a photograph showing the annual reading of engine hours.	ACR	Annually	
AQ-45	OPS	Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-46	COMM & OPS	Make the site available for inspection of records and equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-47	COMM	Make site available for inspection of equipment by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-48	OPS	Not necessary	None		
AQ-49	CONS	Submit the engine specifications for review and approval demonstrating that the engines meet NSPS and ARB ATCM emission limit requirements at the time of engine purchase.	30 days prior to purchase		
AQ-50	CONS	Toll free number 1-800-635-4617 must be posted. Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		Ongoing
AQ-51	OPS	Maintain a log of all inspections, repairs and maintenance on equipment subject to Rule 461. Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-52	CONS	Any modifications or changes to the piping or control fitting of the vapor recovery system requires prior approval from the District. Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-53	CONS	Vapor vent pipes are to be equipped with Husky 5885 pressure relief valves or as otherwise allowed by EO. Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-54	COMM	Perform tests. Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks, Phase I Adapters, Emergency Vents, Spill Container Drain Valve etc, Liquid Removal Test.	60 days after construction completion		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
AQ-54	OPS	Perform tests. Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks, Phase I Adapters, Emergency Vents, Spill Container Drain Valve etc, Liquid Removal Test.	ACR	Annually	
AQ-54		Notify the District prior to performing the required tests.	10 days prior to testing		
AQ-54	COMM & OPS	The test results shall be submitted to the District after completion of the tests and shall be made available to the CPM if requested.	30 days after completion of testing		
AQ-55	CONS & OPS	Shall be installed and maintained in accordance with EO VR-401-A for EVR Phase I, and standing loss requirements. Phase II Vapor Recovery System shall be installed and maintained per G-70-116-F with the exception that hanging hardware shall be EVR Balance Phase II type hanging hardware. Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-56	COMM & OPS	Maintenance and repair of system components, including removal and installation of such components in the course of any required test, shall be performed by OPW Certified Technicians. Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-57	OPS	Maintenance and repairs conducted by an OPW trained technician annually. Make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-58	OPS	Submit to the CPM gasoline throughput records demonstrating compliance.	ACR	Annually	
AQ-58	OPS	Maintain on site the annual gasoline throughput records and shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
AQ-59	CONS & OPS	Install, maintain, and operate EVR Phase I in compliance with CARB EO VR-401-A, and Phase II vapor recovery in accordance with G-70-116-F. In the event of conflict between these permit conditions and/or the referenced EO's the more stringent requirements shall govern. Make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	As required		
BIO-2	CONS	Submit to the CPM copies of all written reports and summaries that document biological resource compliance activities, including those conducted by Biological Monitors.	MCR	Monthly	Ongoing
BIO-4	CONS	Notify the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. Also notify the CPM of the circumstances and actions being taken to resolve the problem.	Immediately as required		When Needed
BIO-4	CONS	Whenever corrective action is taken, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	Immediately as required		When Needed
BIO-5	CONS	Provide the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	MCR	Monthly	Ongoing
BIO-5	CONS, COMM & OPS	Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least six months after the start of commercial operation. During operation signed statements for operational personnel shall be kept on file for 6 months following termination of employment.	As required		Ongoing
BIO-6	CONS	Implementation of BRMIMP measures will be reported.	MCR	Monthly	Ongoing
BIO-6	COMM	Provide to the CPM, for review and approval, a written construction closure report identifying which items of the BRMIMP have been completed etc. (see COC)	30 days after completion of construction		Not Started
BIO-7	OPS	Provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. Additional copies shall be provided to CDFG and USFWS.	30 days after completion of construction		Not Started
BIO-8	PC	Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Migratory Birds: Provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no-disturbance buffer zone around the nest. Additional copies shall be provided to CDFG and USFWS.	10 days prior to site mobilization		Ongoing
BIO-13	PC	An addendum to the plan, which includes the pre-construction survey results and the CDFG approved amount of compensatory mitigation, shall be submitted.	10 days after completing burrowing owl surveys		In Progress

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
BIO-14	PC	American Badger and Desert Kit Fox Impact Avoidance and Minimization Measures: Submit report to CPM and CDFG after completion of badger and kit fox surveys. The report shall describe survey methods, results, mitigation measures implemented, and the results of the measures.	within 30 days of completion of surveys		In Progress
BIO-15	PC	Provide written verification to the CPM that the compensation lands or conservation easements have been aquired and recorded in favor of the approved recipients.	30 days prior to ground disturbance		Ongoing
BIO-15	COMM	Provide to the CPM verification that disturbance to desert tortoise and MGS habitat did not exceed 430 acres, and that construction activities did not result in impacts to desert tortoise, MGS, and burrowing owl habitat adjacent to work areas. If habitat disturbance exceeds that described in this analysis, the CPM shall notify of any additional funds required or lands that must be purchased.	90 days after construction completion		Not Started
BIO-15	PC	If electing to use an in-lieu fee provision, request from the Energy Commission a determination that the project's in-lieu fee proposal meets CEQA and CESA requirements.	As required		When Needed
BIO-16	CONS, COMM, OPS	The Designated Biologist shall submit annual reports to the CPM and CDFG describing the dates, durations and results of monitoring. Reports shall fully describe any actions taken to remedy regrowth. [Monitoring and maintenance of the site shall be conducted for five years unless less monitoring can be justified. Following the first year of monitoring, if the project owner petitions to terminate the monitoring program, staff and CDFG will determine whether more years are of monitoring are needed.]	ACR	Annually (for 1-5 years)	Not Started
BIO-16	CONS, OPS	The CPM and CDFG shall verify compliance with protective measures to ensure the accuracy of the PO's mitigation, monitoring and reporting efforts; and review relevant documents maintained by the project owner, interview the project owner's employees and agents, inspect the work site and take other actions as necessary to assess compliance with or effectiveness of protective measures.	None	Annually	Not Started
BIO-17	PC	Monitoring Impacts of Solar Collection Technology on Birds: Submit to the CPM, USFWS, and CDFG a draft Bird Monitoring Study.	60 days prior to ground disturbance		Verification Change
BIO-17	PC	Provide CPM with the final version of the Bird Monitoring Plan that has been reviewed and approved by the CPM, in consultation with CDFG and USFWS.	30 days prior to ground disturbance		Verification Change
BIO-17	OPS	Reports to the CPM, CDFG and USFWS describing the dates, durations and results of monitoring. Reports shall provide a detailed description of any project related bird or wildlife deaths or injuries detected.	Quarterly after COD, for at least 2 years		Not Started
BIO-17	OPS	Annual Report summarizing the year's data, analyzes any Project-related bird fatalities or injuries detected, and provides recommendations for future monitoring and any adaptive management actions needed. Provided to the CPM, CDFG, and USFWS.	ACR	Annually	Not Started
BIO-17	OPS	Quarterly reports shall continue until the CPM, in consultation with CDFG and USFWS, determine whether more years of monitoring are needed, and whether mitigation and/or adaptive management measures are necessary.	As required		Not Started
BIO-17	OPS	Prepare a paper describing the study design and monitoring results to be submitted to a peer-reviewed scientific journal. Proof of submittal provided to the CPM within one year of concluding the monitoring study.	1 year after conclusion of study		Not Started
BIO-18	COMM & OPS	Provide to the CPM for review and approval a report identifying which items of the Raven Plan have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which items are still outstanding.	30 days after completion of construction		
BIO-19	COMM & OPS	Submit a draft Evaporation Pond Monitoring and Adaptive Management plan to the CPM that incorporates the guidance in this condition.	90 days prior to operation of evaporation ponds		
BIO-19	COMM & OPS	Provide the CPM, USFWS, RWQCB and CDFG with the final version of the Plan that has been reviewed and approved by the CPM in consultation with USFWS, RWQCB, and CDFG.	30 days prior to operation of evap ponds		
BIO-20	CONS	Provide proof, to the satisfaction of the CPM, that the alternate well is completed and able to effectively convey a minimum of 75 acre feet per year to the Harper Dry Lake Marsh. Proof shall include, but not be limited to, a description of the well parameters, as constructed.	15 days prior to decomissioning well		
CUL-1	PC	If additional CRMs are obtained during the project, the CRS shall provide additional letters to the CPM identifying the CRMs and attesting to the qualifications of the CRMs.	5 days prior to CRMs beginning on-site duties		When Needed
CUL-1	PC	Resumes of specialists provided to CPM for review and approval.	10 days prior to specialists begin work		When Needed
CUL-2	PC	If there are changes to any project-related footprint, revised maps and drawings shall be provided.	15 days prior to ground disturbance		When Needed
CUL-2	PC	If project construction is phased, if not previously provided, submit the subject maps and drawings.	15 days prior to each phase		Ongoing
CUL-2	CONS	Current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail or fax.	Weekly during ground disturbance		
CUL-2	CONS	Provide written notice of any changes to scheduling of construction phase.	within 5 days of identifying changes		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
CUL-4	CONS	Submit the Cultural Resources Report (CRR) to the CPM for review and approval. If any reports have previously been sent to the California Historical Resource Information System (CHRIS), then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix.	90 days after completion of ground disturbance (including landscaping)		Not Started
CUL-4	CONS	Provide copy of agreement with, or other written commitment from, a curation facility that meets the standards stated in the CA State Historical Resources Commissions *Guidelines for the Curation of Archeological Collections*, to accept cultural materials, if any, from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	90 days after completion of ground disturbance (including landscaping)		Not Started
CUL-4	CONS	Provide documentation to the CPM confirming that copies of the CRR have been provided to the SHPO, the CHRIS and the curating institution, if archaeological materials were collected.	within 10 days of CPM approval		Not Started
CUL-4	CONS	Submit a draft CRR to the CPM for review and approval.	within 30 days after requesting a suspension of construction activities		Not Started
CUL-5	COMM	On a monthly basis, until ground disturbance is completed, the project owner shall provide in the MCR the WEAP Training Acknowledgement forms of workers at the project site and on the linear facilities who have completed training in the prior month and a running total of all persons who have completed training to date.	MCR	Monthly	Ongoing
CUL-6	CONS	While monitoring is on-going, include a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS.	MCR	Monthly	Ongoing
CUL-6	CONS	Daily, 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 acceptable to the CPM. If the CRS concludes that daily reporting is no longer necessary, a letter or e-mail providing a detailed justification for the decision to reduce or end daily reporting shall be provided to the CPM for review and approval at least 24 hours prior to reducing or ending daily reporting.	Daily logs emailed to CPM		
CUL-6	CONS	Following the discovery of any Native American cultural materials, submit to the CPM copies of the information transmittal letters sent to the Chairperson of the Native American tribes or groups who requested the information. Additionally, submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records and any comments or information provided in response by the Native Americans.	30 days after discovery of Native American Artifacts		When Needed
CUL-7	CONS	Completed DPR 523 forms for resources newly discovered during construction shall be submitted to the CPM for review and approval no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	24 hours following the notification of the CPM,		When Needed
HAZ-1	OPS	Provide to the CPM a list of hazardous materials contained at the facility.	ACR	Annually	
HAZ-2	CONS	At least 60 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final Hazardous Materials Business Plan, Spill Prevention, Control, and Countermeasure Plan, and a Process Safety Management Plan to the CPM for approval.	60 days prior to receiving hazardous material for COMM or OPS		
HAZ-3	PC	Provide a Safety Management Plan as described to the CPM for review and approval.	60 days prior to delivery of any liquid hazardous materials to facility		
HAZ-4	CONS	Provide the design drawings as described in COC HAZ-4 to the CPM for review and approval. [The project owner shall place an adequate number of isolation valves in the Heat transfer Fluid (HTF) pipe loops so as to be able to isolate a solar collector loop in the event of a leak of fluid.]	60 days prior to commencement of solar array construction		
HAZ-6	COMM	The project owner shall notify the CPM that a site-specific operations site security plan is available for review and approval.	30 days prior to initial receipt of hazardous materials on-site		
HAZ-6	COMM & OPS	In the annual compliance report, the project owner shall include a statement that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan. In the annual compliance report, the project owner shall include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	ACR	Annually	
HAZ-7	CONS	Provide the design drawings as described in COC HAZ-7 to the CPM for review and approval. [The project owner shall ensure that all pipes carrying heat transfer fluid (HTF), all command and control systems, and the fire water loop that are required to cross Harper Lake Road or Lockhart Road will be placed underground for the crossing.]	60 days prior to commencement of solar array piping construction		
LAND-1	OPS	Provide to the CPM updates on the status of farmland/easement purchase(s).	ACR	Annually	

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
LAND-2	OPS	Consistent with the requirements of COMPLIANCE-11, incorporate the applicable requirements of the San Bernardino County Development Code section 84.29.060, Decommissioning Requirements, into the AMS Facility Closure Plan, to the extent feasible, and in as much as the county requirements do not conflict with the California Energy Commission's requirements and standards related to the closure of power generating facilities. Consistent with the requirements of COMPLIANCE-11, submit the Facility Closure Plan to the CPM.	12 months prior to planned closure/decommissioning		
NOISE-2	CONS & OPS	The project owner shall file a Noise Complaint Resolution Form, shown below, with both the local jurisdiction and the CPM, that documents the resolution of the complaint. If mitigation is required to resolve the complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	within 5 days of receiving complaint		When Needed
NOISE-4	OPS	Conduct a 25 hour survey at LT-1 on a windy day, it shall include measurement of one-third octave band sound pressure levels to ensure no new pure-tone noise components have been caused by the project.	within 90 days of project achieving sustained output >= 90% of rated capacity		Not Started
NOISE-4	OPS	Submit a summary report to the CPM. Include a description of any additional mitigation measures necessary to achieve compliance with the listed noise limit, and a schedule for implementing these measures. When the measures are in place the survey shall be repeated.	within 30 days of completing survey		Not Started
NOISE-5	OPS	The project owner shall conduct an occupational noise survey to identify any noise hazardous areas in the facility.	after achieving sustained output >= 90% of rated capacity		Not Started
NOISE-5	OPS	Submit noise survey report to the CPM. Make the report available to OSHA and Cal-OSHA on request.	within 30 days of completing survey		Not Started
NOISE-7	COMM	Notify all residents and business owners within two miles of the project site. The notification may be in the form of letters, phone calls, fliers, or other effective means as approved by the CPM. The notification shall include a description of the purpose and nature of the steam blow(s), the planned schedule, expected sound levels, and explanation that it is a one-time activity and not part of normal plant operation. During steam blow activities, noise levels will be monitored at receptor locations LT-1, ST-1 and ST-2 and the results reported to the CPM.	15 days prior to the first steam blow		Not Started
PUBLIC HEALTH-1	COMM	The Cooling Water Management Plan shall be provided to the CPM for review and approval.	60 days prior to commencement of cooling tower operations		Not Started
SOIL&WATER-1	PC	Submit a copy of the Drainage, Erosion, and Sediment Control Plan (DESCP) to the County of San Bernadino and the RWQCB for review and comment. CPM shall consider comments from county and RWQCB and approve the DESCP based upon comments as appropriate.	60 days prior to site mobilization		Approved as "living document"
SOIL&WATER-1	CONS	Provide an analysis on the effectiveness of the drainage, erosion, and sediment control measures and the results of monitoring and maintenance activities.	MCR	Monthly	Ongoing
SOIL&WATER-1	OPS	Provide information on the results of storm water BMP monitoring and maintenance activities. Also indicate what maintenance activities were completed to maintain the project's on-site storm water flow.	ACR	Annually	Ongoing
SOIL&WATER-2	COMM	Provide documentation to the CPM, with copies to the Lahontan RWQCB, demonstrating compliance with the WDRs established in Appendices C, D, and E.	60 days prior to wastewater or stormwater discharge or use of land treatment units		
SOIL&WATER-2	OPS	The project owner shall pay the annual waste discharge permit fee associated with this facility to the Water Boards.	Annually		
SOIL&WATER-3	COMM	Submit to the CPM a Channel Maintenance Plan for review and approval.	60 days prior to commercial operation		
SOIL&WATER-3	CONS & OPS	Ensure that the AMS project Construction and Operations Managers receive training on the Channel Maintenance Plan.	As required		
SOIL&WATER-3	OPS	Submit an Annual Channel Maintenance Report that specifies which maintenance activities were completed during the year including type of work, location, and measure of the activity (e.g. cubic yards of sediment removed).	ACR	Annually	
SOIL&WATER-4	CONS	Submit to the CPM a copy of the water well abandonment and construction packet submitted to the County of San Bernardino for review and comment.	60 days prior to the abandonment and const. of the on-site groundwater wells		Ongoing
SOIL&WATER-4	CONS	Submit a copy of any written comments received from the County of San Bernardino indicating whether the proposed well abandonment and construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program.	30 days prior to construction of on-site water supply wells		
SOIL&WATER-4	CONS	Provide to the CPM copies of the Well Completion Reports submitted to the DWR by the well driller. Submit to the CPM, together with the Well Completion Report, a copy of well drilling logs, water quality analyses, and any inspection reports.	60 days after installation of each well		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
SOIL&WATER-4	OPS	Provide the CPM with 2 copies of all monitoring and other reports required for compliance with the County of San Bernardino water well standards and operation requirements.	As required		
SOIL&WATER-4	CONS	Submit documentation to the CPM confirming that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any on-site drilling sumps used for project drilling activities were removed in compliance with 23 CCR section 2511(c).	15 days after completion of wells		
SOIL&WATER-5	CONS	Prepare a semi-annual summary report of the amount of water used for construction purposes. The summary shall include the monthly range and monthly average of daily water usage in gallons per day.	6 months after start of construction & ea. 6 mos. of construction	Semiannually	
SOIL&WATER-5	CONS & OPS	Prepare an annual summary report, which will include the maximum daily and monthly usage in gallons per day and the total monthly and annual usage in acre-feet. Following the first year of operation, the annual summary report will summarize the annual usage in tabular form. For calculating the total water use, the term "year" will corrsepond to the date established for the ACR submittal.	ACR	Annually	
SOIL&WATER-6	CONS	Submit to the CPM quarterly reports presenting all the data and information required in Item B above. Submit to the CPM all calculations and assumptions made in development of the report data and interpretations.	Quarterly during construction		Ongoing.
SOIL&WATER-6	OPS	Provide to the CPM, for review and approval, documentation showing that any mitigation to private well owners during project construction was satisfied, based on the requirements of the property owner as determined by the CPM.	60 days after commercial operation		
SOIL&WATER-6	OPS	Submit to CPM, applicable quarterly, semi-annual, and annual reports presenting all the data and information required in Item C above. Submit to the CPM all calculations and assumptions made in development of report data and interpretations, calculations, and assumptions used in development of any reports.	As required		
SOIL&WATER-6	OPS	Submit to the CPM for review and approval all documentation and calculations describing necessary compensation for energy costs associated with additional lift requirements.	30 days after CPM approval of well drawdown analysis		
SOIL&WATER-6	OPS	Submit to the CPM all calculations, along with any letters signed by the well owners indicating agreement with the calculations, and the name and phone numbers of those well owners that do not agree with the calculations.	As required		
SOIL&WATER-6	OPS	If mitigation includes monetary compensation, provide documentation to the CPM that compensation payments have been made by March 31 of each year of project operation or, if a lump-sum payment is made, payment shall be made by March 31 of the following year. Within 30 days after compensation is paid, submit to the CPM a compliance report describing compensation for increased energy costs necessary to comply with the provisions of this condition.	As required		
SOIL&WATER-6	OPS	After the first 5-year operational and monitoring period, and every subsequent 5-year period, submit a 5-year monitoring report to the CPM for review and approval. This report shall contain all monitoring data collected and provide a summary of the findings and a recommendation about whether the frequency of water level measurements should be revised or eliminated.	Every 5 years		
SOIL&WATER-7	CONS & OPS	Semi-annually, by March 31 and September 31, submit Groundwater Quality Reports in compliance with Item D to the CPM for review and approval and to the BLM for review.	Semi-annually	03/31/20XX & 9/30/20XX	
SOIL&WATER-7	OPS	After the first 5-year operational and monitoring period, and every subsequent 5-year period, submit a 5-year monitoring report to the CPM, for review and approval, that contains all groundwater quality data collected and provides a summary of the findings and a recommendation about whether the frequency of groundwater quality data collection should be revised or eliminated.	Every 5 years		
SOIL&WATER-8	COMM & OPS	Prior to transport and offsite disposal of any facility operation wastewaters that are not suitable for treatment and reuse on-site, test and classify the stored wastewater to determine proper management and disposal requirements. All records of this testing and classification shall be maintain at the project site. Ensure that the wastewater is transported and disposed of in accordance with the wastewater's characteristics and classification and all applicable LORS (including any CCR Title 22 Hazardous Waste and Title 23 Waste Discharges to Land requirements).	As required		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
SOIL&WATER-9	COMM	Submit to the County of San Bernardino appropriate fees and plans for review and comment for the construction and operation of the project's sanitary waste septic system and leach field. A copy of these plans shall be simultaneously submitted to the CPM for review and approval. These plans shall demonstrate compliance with the sanitary waste disposal facility requirements of County of San Bernardino Codes Title 3, Division 3, Chapter 8, Waste Management, Article 5, Liquid Waste Disposal and Title 6, Division 3, Chapter 3, and the Uniform Plumbing Code.	60 days prior to commercial operation		Submitted to SBC and approved. Submitted to CPM.
SOIL&WATER-10	PC	Obtain a permit to operate a non-transient, noncommunity water system with the County of San Bernardino .	60 days prior to construction		Verification Change
SOIL&WATER-10	COMM & OPS	Supply updates annually for all monitoring requirements and submittals to County of San Bernardino related to the permit, and proof of annual renewal of the operating permit.	ACR	Annually	
SOIL&WATER-11	OPS	The volume of FPA sequestered shall be documented and submitted to the CPM and Watermaster. This documentation shall include a table showing the annual and cumulative total FPA sequestered.	ACR	Annually	
SOIL&WATER-12	OPS	Submit to the CPM a copy of the receipt from the MWA for the annual contribution; and an accounting of the following: i. The annual and cumulative volume of groundwater used by the project in acre-feet per year; ii. The annual and cumulative volume of FPA sequestered by the project in acre-feet per year; iii. The numerical difference between annual and cumulative totals in Items i and ii above; and iv. The annual and cumulative monetary contribution and estimated annual and cumulative volume of water conserved by the project owner's contribution to MWA's turf replacement program, high-efficiency toilet program, or other water conservation program approved by the CPM.	ACR	Annually	
SOIL&WATER-12	OPS	If owner proposes to reduce the amount of the annual contribution based on the water conservation achieved through previous contributions, provide a plan demonstrating how the adjusted amount will ensure the water conservation program meets the requirements of this condition. The plan shall be provided for CPM review and approval 60 days prior to the annual contribution anniversary date.	60 days prior to the annual contribution anniversary date		When Needed
TRANS-1	PC	Notify the County of San Bernardino and the CPM that the park-and-ride lot(s) are ready for usage and available for inspection.	30 days prior to site mobilization		
TRANS-3	COMM	Submit an analysis of the roadway pavement conditions to San Bernardino County and Caltrans for review and comment and to the CPM for review and approval. The review will include photographs, the visual analysis of pavement and sub-surface conditions and a schedule for repair.	60 days after the end of construction activities		
TRANS-3	COMM	Submit a letter to San Bernardino County, Caltrans, and the CPM indicating such repairs are finished and ready for inspection.	After completion of repairs		When Needed
TRANS-5	COMM & OPS	A record of hazardous deliveries shall be provided to the CPM as required in HAZ-3.	As required		
TSLN-2	OPS	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.	ACR	Annually	
TSLN-3	CONS	File copies of the pre-and post-energization measurements with the CPM after completion of the measurements.	60 days after completion of the measurements		
TSLN-4	OPS	During the first five years of operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the rights-of-way and provide such summaries in the ACR for transmission line safety and nuisance-related requirements.	ACR, for first 5 years of operation		
TSLN-5	COMM & OPS	The project owner shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership. Transmit to the CPM a letter confirming compliance with this condition.	30 days before lines are energized		
VIS-1	COMM	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and they are ready for inspection and shall submit one set of electronic color photographs from key observation points 1, 2, 3, 4, 5, 6, 7, and 8 analyzed in the Staff Assessment.	Prior to COD		
VIS-1	OPS	Provide a status report regarding surface treatment maintenance. Specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year.	ACR	Annually	
VIS-2	COMM	The screening plan shall be submitted to the CPM for review and approval.	90 days prior to installation		
VIS-2	CONS	Completed DPR 523 forms for resources newly discovered during construction shall be submitted to the CPM for review and approval no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recover	7 days after completing screening		
VIS-2	OPS	Report maintenance activities, including replacement of plants that fail to thrive for the previous year of operation.	ACR, for first 5 years of operation	Annually	

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
VIS-3	CONS	Contact the CPM to show compliance with all of the above requirements. This shall include: final lighting plans, fixture and control schedules, fixture and control cut sheets and specifications, a photometric plan showing vertical and horizontal footcandles at all property lines to a height of 20 feet, and the proposed time clock schedule.	90 days prior to ordering exterior lighting		Submitted and approved for temporary lighting
VIS-3	PC, CONS, & COMM	Notify the CPM that the temporary and permanent lighting has been completed and is ready for inspection. If after inspection the CPM says that modifications to the lighting are needed, within 30 days of receiving that notification owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	Prior to construction/Prior to operation		
VIS-3	CONS & OPS	Provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions, including a proposal to resolve the complaint, and a schedule for implementation. A copy of the complaint resolution form report shall be submitted to the CPM within 30 days and included in the Annual Report.	within 48 hours of receiving lighting complaint		
VIS-4	CONS	Notify the CPM that the screening is ready for inspection.	7 days after completing screening install		
VIS-4	OPS	Report maintenance activities, including replacement of damaged or destroyed screening for the previous year of operation.	ACR	Annually	
WASTE-2	PC & CONS	Obtain a hazardous waste genereator identification number form the USEPA prior to generating any hazardous waste during project construction and operations.	Prior to Haz Waste generation	Prior to Haz Waste generation	
WASTE-2	CONS & OPS	Project owner shall keep a copy of the identification number on file at the project site and provide documentation of the hazardous waste generation notification and receipt of the number to the CPM 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.	MCR		
WASTE-2	CONS & OPS	Documentation of any new or revised hazardous waste generation notifications or changes in identification number shall be provided to the CPM.	As required		
WASTE-4	PC	Submit any final reports filed by the professional engineer or professional geologist to the CPM.	within 5 days of receipt		
WASTE-4	PC	Notify the CPM within 24 hours of any orders issued to halt construction.	within 24 hours of orders to halt construction		
WASTE-7	CONS & OPS	Identify permitted solid waste facilities or recycling centers that receive construction waste and maintain copies of weigh tickets and manifests showing the type and volume of waste disposed. This information shall be maintained at the project site and made accessible to CPM and the San Bernardino County Environmental Health Service Department Solid Waste Program.	As required		
WASTE-9	COMM	Submit the Operation Waste Management Plan to the CPM for approval.	30 days prior to commercial operation		
WASTE-9	COMM	Submit any required revisions to the CPM.	20 days of notification from the CPM revisions required		
WASTE-9	OPS	Document the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan; and update the Operation Waste Management Plan, as necessary, to address current waste generation and management practices.	ACR	Annually	
WASTE-10	OPS	HTF Release and Spill Cleanup and Reporting Instructions	As required		When Needed
WASTE-11	COMM & OPS	Report the results of filter cake testing to the CPM. If two consecutive tests show that the sludge is non-hazardous, may apply to the CPM to discontinue testing.	within 30 days of sampling		
WASTE-11	OPS	The test results and method and location of sludge disposal shall reported in the ACR as required in Condition of Certification WASTE-9.	ACR	Annually	
WASTE-12	CONS & OPS	Document all unauthorized releases and spills of hazardous substances, materials, or wastes that are in excess of reportable quantities that occur on the project property or transmission corridors during construction and on the project property during operation.	As required		
WASTE-12	CONS & OPS	Copies of the unauthorized spill documentation shall be provided to the CPM.	within 30 days of the date the release was discovered		
WORKERSAFETY-2	COMM	Submit to the SBCFD the final Operations Fire Prevention Plan and Emergency Action for review and the final Project Operations and Maintenance Safety and Health Program to the CPM for approval.	30 days prior to start of commissioning		
WORKERSAFETY-3	CONS	The CSS shall submit in the MCR a monthly safety inspection report	MCR	Monthly	Ongoing

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
WORKERSAFETY-6	CONS	(1) A copy of the individual agreement with the SBCFD or, if the owner joins a power generation industry association, a copy of the group's bylaws and a copy of the group's agreement with the SBCFD; and evidence in each January Monthly Compliance Report that the project owner is in full compliance with the terms of such bylaws and/or agreement; or (2) A protocol, scope and schedule of work for the independent study and the qualifications of proposed contractor(s) for review and approval by the CPM; a copy of the completed study showing the precise amount the project owner shall pay for mitigation; and documentation that the amount has been paid.	five (5) days before construction of permanent aboveground structures		In Progress
WORKERSAFETY-6	OPS	Annually thereafter, the owner shall provide the CPM with verification of funding to the SBCFD if annual payments were approved or recommended under either of the above-described funding resolution options.	ACR	Annually	
WORKERSAFETY-9	COMM	Submit to the CPM proof that the joint training with the SBCFD is established.	10 days prior to commissioning		
WORKERSAFETY-9	OPS	Submit to the CPM proof that the joint training with the SBCFD was conducted. Include the date, list of participants, training protocol, and location in the yearly compliance report to the CPM.	ACR	Annually	
GEN-1	COMM	Submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design. Provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO.	30 days of receipt of certificate of occupancy		
GEN-1	OPS	Once the certificate of occupancy has been issued, inform the CPM prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	30 days prior to start of any activity listed requiring CBO approval		
GEN-2	PC	Submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO 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.	60 days prior to start of grading		Approved as "living document"
GEN-2	CONS	Provide schedule updates in the monthly compliance report.	MCR		
GEN-3	PC	Make the required payments to the CBO in accordance with the agreement. Send a copy of the CBO's receipt of payment to the CPM indicating that applicable fees have been paid. A copy of the contract between the project owner and the CBO shall be submitted to the CPM for review.	In next MCR		
GEN-4	PC	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s).	within 5 days of CBO's approval		Approved but ongoing
GEN-5	PC	Notify the CPM of the CBO's approvals of the responsible engineers.	within 5 days of the CBO's approval		Approved but ongoing
GEN-5	CONS	If the designated responsible engineer is subsequently reassigned or replaced, submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	within 5 days of replacement		
GEN-6	CONS	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above.	15 days prior to start of activity requiring special inspection		Approved but ongoing
GEN-6	CONS	Also submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors.	in next MCR		
GEN-7	CONS	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM.	MCR		
GEN-7	CONS	If any corrective action is disapproved, advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	within 5 days of disapproval by CBO		
GEN-8	CONS	Submit to the CBO, with a copy to the CPM, in the next monthly compliance report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans.	within 15 days of completion of CBO-approved work		
GEN-8	CONS	Submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	After storing the final approved engineering plans etc		
GEN-8	COMM	Provide to the CBO three sets of electronic copies of the above documents at the project owner's expense. These are to be provided in the form of "read only" (Adobe .pdf 6.0) files, with restricted (password-protected) printing privileges, on archive quality compact disks.	within 90 days of completion of construction		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
CIVIL-1	PC	Submit the 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications, signed and stamped by the responsible civil engineer; and 4. Soils, geotechnical, or foundation investigations reports required by the 2007 CBC to the CBO for design review and approval.	15 days prior to site grading	following approval	Approved but ongoing
CIVIL-1	PC	Submit a written statement certifying that the documents have been approved by the CBO.	in the next MCR		Ongoing
CIVIL-2	CONS	Notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, provide to the CPM a copy of the CBO's approval.	24 hours following stop of construction; & within 24-hours of CBO's approval to resume		
CIVIL-3	CONS	RE shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval.	within 5 days of discovery of discrepancies		
CIVIL-3	CONS	Owner shall submit the details of the corrective action to the CBO and CPM.	within 5 days of resolution of NCR		
CIVIL-3	CONS	A list of NCRs, for the reporting month, shall be included in MCR.	monthly in MCR		
CIVIL-4	CONS	Submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, along with a copy of the transmittal letter to the CPM.	30 days of completion of erosion and sediment control work		
CIVIL-4	CONS	Submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	In the next MCR following approval		
STRUC-1	PC	At least 60 days (or project owner and CBO approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list, the project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	60 days prior to the start of construction of listed major structure		Approved but ongoing
STRUC-1	PC	Submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	In the next MCR following approval		Approved but ongoing
STRUC-2	CONS	If a discrepancy is discovered in any of the above data, prepare and submit an NCR describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	within 5 days of discovery of discrepancies		
STRUC-2	CONS	Submit a copy of the corrective action to the CBO and the CPM.	within 5 days of resolution of NCR		
STRUC-2	CONS	Transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM .	within 15 days of CBO decision		
STRUC-2	CONS	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	within 5 days of disapproval by CBO		
STRUC-3	PC & CONS	Notify the CBO of the intended filing of design changes, and submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM.	on a schedule suitable to the CBO		
STRUC-3	PC & CONS	Notify the CPM, via monthly compliance report, when the CBO has approved the revised plans.	In the next MCR following approval		
STRUC-4	CONS	Prior to the start of installation of the tanks or vessels containing the specified quantities of toxic or hazardous materials, submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	30 days prior to installation		
STRUC-4	CONS	Send copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report. Also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	In the next MCR following approval		
MECH-1	CONS	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list, the project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS.	30 days prior to the start of any increment of major piping or plumbing construction		
MECH-1	CONS	Send the CPM a copy of the transmittal letter.	in the next MCR		
MECH-1	CONS	Transmit to the CPM following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	In the next MCR following inspection		
MECH-2	CONS	For all pressure vessels installed in the plant: Submit to the CBO for design review and approval, the listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	30 days prior to the start of PV on-site fabrication or installation		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
MECH-2	CONS & COMM	Transmit to the CPM, following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	In the next MCR following inspection		
MECH-3	CONS	Prior to the start of construction of any HVAC or refrigeration system, submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	30 days prior to construction of any HVAC or refrigeration system		
ELEC-1	CONS	Prior to the start of each increment of electrical construction, submit to the CBO for design review and approval the above listed documents. Include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.	30 days prior to start of each increment of electrical construction		
ELEC-1	CONS	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	in the next MCR		
PAL-1	CONS	Prior to the termination or release of a PRS, submit the resume of the proposed new PRS to the CPM for review and approval.	As required		When Needed
PAL-2	PC	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM.	15 days prior to ground disturbance		When Needed
PAL-2	PC	If there are changes to the scheduling of the construction phases, submit a letter to the CPM.	within 5 days of identifying changes		When Needed
PAL-4	PC	If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.	As necessary	As necessary	When Needed
PAL-4	CONS	Provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or other approved presentation format) offered that month. Also include a running total of all persons who have completed the training to date.	MCR	Monthly	
PAL-5	CONS	Ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR.	MCR		
PAL-5	CONS	When feasible, the CPM shall be notified 10 days in advance of any proposed changes in monitoring different from the plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	10 days in advance of proposed monitoring changes, or ASAP		
PAL-6	OPS	Maintain in compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. Maintain these files for a period of three years after project completion and approval of the CPM-approved paleontological resource report (see Condition of Certification PAL-7). Shall be responsible for paying any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	maintain for 3 years after project completion and CPM-approval of PR Report		
PAL-7	CONS	Submit the PRR under confidential cover to the CPM.	within 90 days of completion of ground disturbance		
TSE-1	PC	Submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. Additions and deletions shall be made to the table only with CPM and CBO approval.	60 days prior to start of construction		Approved as "living document"
TSE-1	CONS	Provide schedule updates in the MCR.	MCR	Monthly	
TSE-2	PC	Notify CPM of the CBO's approval.	within 5 days of CBO approval		Approved but ongoing
TSE-2	PC & CONS	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	within 5 days of change in RE		
TSE-3	CONS	Submit a copy of CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	within 15 days of receipt		
TSE-3	CONS	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	within 5 days of CBO disapproval		
TSE-4	CONS	Prior to the start of each increment of construction, submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS.	30 days prior to start of each increment of construction		
TSE-4	CONS	Send the CPM a copy of the transmittal letter.	in the next MCR		

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
TSE-5	CONS	To ensure the proposed transmission facilities will conform to all applicable LORS, submit to the CBO for approval: Items A through G listed in the COC, including Design drawings, specifications and calculations, with design criteria, Electrical one-line diagrams, the Special Protection System (SPS) sequencing and timing if applicable, a letter stating the mitigation measures or projects selected by the transmission owners for each reliability criteria violation are acceptable, an Operational study report based on the expected or current COD from the California ISO and/or SCE, and a copy of the executed LGIA signed by the California ISO and the project owner.	60 days prior to construction of transmission facilities		
TSE-6	CONS	Inform the CBO and the CPM of any impending changes that may not conform to requirements of TSE-5 and request approval to implement such changes.	60 days prior to construction of transmission facilities		
TSE-7	COMM	Provide copies of the CAISO letter to the CPM when it is sent to the CAISO.	1 week prior to initial synchronization with grid		
TSE-7	COMM	Contact CAISO Outage Coordination Department, Mon thru Fri, btwn 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the CAISO shall be provided electronically to the CPM one day before synchronizing the facility with the CA transmission system for the first time.	1 day prior to initial synchronization with grid		
TSE-8	COMM	Transmit to the CPM and CBO: "As Builts" and one-line drawings of the electrical portion; "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities they shall be maintained at the power plant and made available if requested for CPM Audit; A summary of inspections of the completed transmission facilities. [See COC]	within 60 days after first synchronization		

Completed Conditions

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
COMPLIANCE-4	PC	Prior to commencing construction, a compliance matrix addressing only conditions that must be fulfilled before the start of construction shall be submitted to the CPM. This matrix will be included in the first compliance submittal or prior to the first pre-construction meeting, whichever comes first. It will be submitted in the same format as the compliance matrix.	Prior to construction	9/2/2010	Complete
COMPLIANCE-8	PC, CONS, COMM, OPS	Confidential Information Instructions	As required		NA
COMPLIANCE-10	PC, CONS, COMM, OPS	Reporting of Complaints, Notices, and Citations: Prior to the start of construction, the project owner must 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. If the telephone is not staffed 24 hours per day, it shall include automatic answering with date and time stamp recording.	Prior to construction	Prior to construction	Complete
AQ-SC1	PC	Submit to the CPM for approval the name, resume, qualifications and contact information for the onsite AQCMM and all Delegates.	30 days prior to ground disturbance		Complete
AQ-SC2	PC	Submit AQCMP to CPM for approval. Include effectiveness and environmental data for the proposed soil stabilizer. CPM will notify of any necessary modifications to the plan within 15 days from the date of reciept.	30 days prior to ground disturbance		Complete
AQ-SC9	PC	Provide to the CPM, a statement signed by the project owner's project manager stating that the owner or residents of the properties affected by this condition have been notified and that the residents have been offered paid relocation during the affected period of the initial grading/site preparation phase of construction. The statement shall list affected property owners/residents notified and the means of notification.	Prior to initial grading		Complete
BIO-1	PC	Submit the resume. The CPM, CDFG, and USFWS have 30 days to approve or deny proposed Designated Biologists. No site or related facility activities shall commence until an approved Designated biologist is available to be on site.	60 days prior to site mobilization		Complete
BIO-3	PC	Submit the specified information to the CPM, CDFG, and USFWS for approval. The CPM, CDFG, and USFWS have 30 days to approve or deny proposed Biological Monitor(s). Submit a written statement to the CPM confirming that Biological Monitor(s) have been trained.	60 days prior to site mobilization		Complete
BIO-5	PC	Worker Environmental Awareness Program: Provide the CPM the proposed WEAP and all supporting materials prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program. The CPM shall review and provide written comments within 15 days of receipt.	45 days prior to site mobilization		Complete
BIO-5	PC	Prior to site and related facilities mobilization submit two copies of the CPM-approved materials.	10 days prior to site mobilization		Complete

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
BIO-6	PC	Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) Development and Compliance: Provide the specified document prior to start of any site (or related facilities) mobilization. The CPM will determine the BRMIMP's acceptability within 30 days of receipt. If there are any permits that have not yet been received when the BRMIMP is first submitted, these permits shall be submitted to the CPM within 5 days of their receipt, and the BRMIMP shall be revised or supplemented to reflect the permit condition within 10 days of their receipt by the project owner. Ten days prior to pre-construction site mobilization the revised BRMIMP shall be resubmitted to the CPM.Site mobilization will not occur without an approved BRMIMP.	45 days prior to site mobilization		Complete
BIO-7	PC	All mitigation measures and their implementaion methods shall be included in the BRMIMP.	45 days prior to site mobilization		Complete
BIO-9	PC	Golden Eagle Territory-Specific Management Plan: Submit a report to the CPM, CDFG, and USFWS. This report shall document the results of the inventory and monitoring as described in Pagel et al. 2010.	within 30 days of completion of GOEA breeding-season surveys		Complete
BIO-9	PC	Submit a report to the CPM, CDFG, and USFWS. This report shall document the results of the protocol surveys as described in Pagel et al. 2010 or more recent guidance by USFWS (e.g., Pagel et al, in prep).	within 30 days of completion of GOEA non-breeding-season surveys (late-summer/early winter 2010)		Complete
BIO-9	PC	Provide the CPM, CDFG, and USFWS with the final version of the Golden Eagle Territory-Specific Management Plan, based on breeding-season inventory results. This final Plan shall have been reviewed and approved by the CPM in consultation with USFWS. [or (see next entry below)]	30 days prior to site mobilization		Not Required
BIO-9	PC	If disturbance to eagles would not occur and a Plan is not warranted, a letter from USFWS documenting this determination shall be submitted to the CPM at least 10 days prior to the start of any pre-construction site mobilization.	10 days prior to site mobilization	As required	Complete
BIO-10	PC	Documentation of Bald and Golden Eagle Act Compliance: Submit to the CPM documentation that the project is in compliance with the Bald and Golden Eagle Protection Act (Title 16, United States Code, sections 668-668d). This shall include documentation from the USFWS in the form of written or electronic transmittal indicating the status of the permit, if required, and any follow up actions required by the project owner. Any additional actions shall be added to the BRMIMP and implemented.	10 days prior to site mobilization		Complete
BIO-11	PC	Provide the CPM with the final version of the Desert Tortoise Translocation Plan that has been approved by the Energy Commission staff, USFWS, and CDFG. The CPM will determine the plan's acceptability within 15 working days of receipt of receipt of the final plan.	45 days prior to site mobilization		Complete
BIO-11	PC	Desert Tortoise Exclusion Fencing, Clearance Surveys, and Translocation Plan: The entire project site shall be fenced with desert tortoise exclusion fence. To avoid impacts to desert tortoise during fence construction, the proposed fence alignment shall be flagged and the alignment surveyed within 24 hours prior to fence construction.	Prior to ground disturbance		Complete
BIO-11	PC	Submit report to the CPM, USFWS, and CDFG describing how each of the mitigation measures described have been satisfied. The report shall include the desert tortoise survey results, capture and release locations of any translocated desert tortoises, and any other information needed to demonstrate compliance with the measures described.	30 days of completing Desert Tortoise clearance surveys		Complete
BIO-12	PC	Mohave Ground Squirrel Clearance Surveys: Submit a report to the CPM and CDFG describing how the measures described were implemented. The report shall include the MGS survey results, capture and release locations of any relocated squirrels, and any other information needed to demonstrate compliance with the measures described. [Survey required to be conducted after the installation of the desert tortoise exclusion fence and immediately prior to any ground disturbance.]	Report due within 30 days of completing MGS clearance surveys [Survey required after DT fencing, immed. prior to ground disturbance]		Complete
BIO-13	PC	Provide CPM and CDFG with the final version of the Burrowing Owl Monitoring and Mitigation Plan that has been reviewed and approved by the CPM in consultation with CDFG.	45 days prior to site mobilization		Complete
BIO-15	PC	Submit a formal acquisition proposal to the CPM, CDFG and USFWS describing the parcels intended for purchase or title/easement transfer.	90 days prior to acquisition of property		Complete
BIO-15	PC, CONS	Provide CPM with a management plan for review and approval, in consultation with CDFG, for the compensation lands and associated funds.	within 6 months of land purchase		Complete
BIO-16	PC	Project owner shall submit to the CPM a copy of the Energy Commission staff- and CDFG-approved Tamarisk Eradication Monitoring and Reporting Plan, including success criteria.	30 days prior to ground disturbance		Complete
BIO-18	PC	Submit to the CPM verification of payment to the REAT Account to support the regional raven monitoring plan. Payment shall be included in the AMS project's land management enhancement fund, pursuant to Condition of Certification BIO-15 (5(D)).	Prior to ground disturbance		Complete
BIO-18	PC	Provide CPM, USFWS and CDFG with the final version of the Raven Management Plan that has been reviewed and approved by USFWS and CDFG. CPM shall determine the plan's acceptability within 10 days of receipt of the final plan.	30 days prior to ground disturbance		Complete

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
BIO-21	PC	Submit to CPM copy of USFWS Biological Opinion. Verify that the permit terms and conditions of the Biological Opinion are incorporated into the BRMIMP and will be implemented.	45 days prior to site mobilization		Complete
CUL-1	PC	Submit resume for Cultural Resources Specialist (CRS), and alternates if desired, for review and approval.	45 days prior to ground disturbance		Complete
CUL-1	PC	CRS shall provide a letter naming anticipated CRMs for the project and stating that they meet the minimum requirements for cultural resource monitoring.	20 days prior to ground disturbance		Complete
CUL-1	PC	Project owner shall confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement the cultural resources conditions.	10 days prior to ground disturbance		Complete
CUL-2	PC	The project owner shall provide the AFC, data responses, and confidential cultural resources documents to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.	40 days prior to ground disturbance		Complete
CUL-3	PC	Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP) to the CPM for review and approval.	30 days prior to ground disturbance		Complete
CUL-3	PC	Letter provided to the CPM indicating that the owner agrees to pay curation fees for any materials collected as a result of the archaeological investigations.	30 days prior to ground disturbance		Complete
CUL-5	PC	The CRS shall provide the training program draft text and graphics and the informational brochure to the CPM for review and approval. The CPM will provide to the project owner a WEAP Training Acknowledgement form for each WEAP-trained worker to sign.	30 days prior to ground disturbance		Complete
CUL-6	PC	CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log.	30 days prior to ground disturbance		Complete
CUL-7	PC	Provide the CPM and CRS with a letter confirming that the CRS, alternate CRS and CRMs have the authority to halt construction activities in the vicinity of a cultural resource discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	30 days prior to ground disturbance		Complete
HAZ-5	PC	Notify the CPM that a site-specific Construction Security Plan is available for review and approval.	30 days prior to construction		Complete
LAND-1	PC	Provide a mitigation fee payment to an agricultural land trust such as the Transition Habitat Conservancy or any other land trust that has been previously approved by the CPM prior to the start of construction. The fee payment will be determined by an independent appraisal conducted on available, comparable, farmland property on behalf of the agricultural land trust. The project owner shall pay all costs associated with the appraisal.	prior to the start of construction		Complete
LAND-1	OPS	Provide documentation to the CPM that the fee has been paid and that the 128 acres of farmland and/or easements shall be purchased within three years of start of operation as compensation for the 128 acres of FMMP designated Important Farmland to be converted by the AMS project. The documentation also shall guarantee that the land/easements purchased by the trust will be located in San Bernardino County and will be available in perpetuity for productive agricultural use. If no available land or easements can be purchased in San Bernardino County, then the purchase of lands/easements in other areas within western Mojave or adjacent counties, such as Kern County or Riverside County, is acceptable.	3 years after commercial operation		Complete
LAND-3	PC	Submit evidence to the CPM, indicating approval of the merger of parcels by San Bernardino County, or written approval of another process that is acceptable to the county. Shall include evidence of compliance with all conditions and requirements associated with the approval of the Certificate of Merger and/or Notice of Lot Line Adjustment by the county. If all parcels or portions of parcels are not owned by the PO at the time of the merger, a separate deed shall be executed and recorded with the county recorder. A copy of the recorded deed shall be submitted to the CPM, as part of the compliance package.	30 days prior to construction		Complete
NOISE-1	PC	The project owner shall transmit to the compliance project manager (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. This communication shall also verify that the telephone number has been established and posted at the site, and shall provide that telephone number.	15 days prior to ground disturbance		Complete
NOISE-3	PC	Submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	30 days prior to ground disturbance		Complete
NOISE-6	PC	Transmit to the CPM a statement acknowledging that the restrictions will be observed throughout the construction of the project.	Prior to ground disturbance		Complete
SOIL&WATER-4	CONS	Submit a Groundwater Monitoring and Management Plan to the County of San Bernardino for review and comment (see Condition of Certification SOIL&WATER-6).	60 days prior to construction of on-site groundwater wells		Complete

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
SOIL&WATER-5	PC	Submit to the CPM a copy of evidence that metering devices have been installed and are operational.	60 days prior to start of construction		Complete
SOIL&WATER-6	PC	Submit to the CPM, for review and approval, a comprehensive plan (Groundwater Level Monitoring and Reporting Plan) presenting all the data and information required in Item A above.Submit to the both the CPM all calculations and assumptions made in development of the plan.	60 days prior to construction		Complete
SOIL&WATER-7	PC	Groundwater Quality Monitoring and Reporting Plan in compliance with Item A shall be submitted to the CPM for review and approval.	60 days prior to construction		Complete
SOIL&WATER-7	PC	Pre-construction groundwater quality report in compliance with Item B shall be submitted to the CPM for review and approval.	30 days prior to construction		Complete.
TRANS-1	PC	Propose new park-and-ride lot(s) to the County of San Bernardino for review and comment and the CPM for review and approval. The proposal shall include a rationale for the location of the lot(s) based upon the expected geographic distribution of employees and availability of suitable sites.	90 days prior to site mobilization		Complete
TRANS-2	PC	Provide to the County of San Bernardino for review and comment and the CPM for review and approval a copy of the construction traffic control plan. The plan must document consultation with Caltrans.	60 days prior to site mobilization		Complete
TRANS-3	PC	Submit a review of existing roadway pavement conditions to San Bernardino County and Caltrans for review and comment and the CPM for review and approval. This review will include photographs and the visual analysis of pavement and sub-surface conditions. The CPM will need to approve the summary of existing pavement conditions prior to commencement of construction.	90 days prior to site mobilization		Complete
TRANS-4	PC	Include these restrictions in the construction traffic control plan required by TRANS-2	60 days prior to site mobilization		Complete
TSLN-1	CONS	Submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the condition.	30 days prior to construction of transmission line or related structures and facilities		Complete
VIS-1	PC	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture, the project owner shall submit the proposed treatment plan to the CPM for review and approval. If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval. The review of any subsequent revisions shall be completed by the CPM within 15 days of receipt of the revisions.	90 days prior to specifying colors to vendor		Complete
VIS-4	PC	The screening plan shall be submitted to the CPM for review and approval.	90 days prior to installation		Complete
WASTE-1	PC	Provide the plans to remove the underground storage tanks to the CPM for review and approval.	60 days prior to site mobilization		Complete
WASTE-1	PC	Inform the CPM of the data when all USTs were removed from the site.	MCR	after removal	Complete
WASTE-3	PC	Submit to the CPM copies of all pertinent correspondence, work plans, agreements, and authorizations between the AMS Project and DTSC regarding Voluntary Site Cleanup Program requirements and activities at the AMS project site. The CPM shall revew and comment on the proposed Cleanup Program requirements and activities. Provide to the CPM written notice from DTSC that the AMS site has been investigated and remediated, as necessary, for compliance with the Voluntary Cleanup Program.	60 days prior to site mobilization		Complete
WASTE-5	PC	Submit the resume to the CPM for review and approval.	30 days prior to site mobilization		Complete
WASTE-6	PC	Submit the Construction Waste Management Plan to the CPM for approval.	30 days prior to site mobilization		Complete
WASTE-8	PC	Provide the Asbestos Demolition Notification Form to the CPM for review and approval.	60 days prior to commencement of structure demolition		Complete
WASTE-8	CONS	Inform the CPM of the data when all ACM is removed from the site.	MCR	after removal	Complete
WORKERSAFETY-1	PC	Submit to the SBCFD a copy of the Construction Fire Prevention Plan and Emergency Action Plan for review and comment and a copy of the Project Construction Safety and Health Program to the CPM for review and approval.	30 days prior to start of construction		Complete
WORKERSAFETY-3	PC	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.	60 days prior to site mobilization		Complete
WORKERSAFETY-4	PC	Provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	60 days prior to start of construction		Complete
WORKERSAFETY-5	PC	Submit to the CPM proof that a portable automatic external defibrillator exists on site and a copy of the training and maintenance program for review and approval.	30 days prior to site mobilization		Complete
WORKERSAFETY-7	PC	Provide a $200,000 payment to San Bernardino County Fire Department prior to the start of construction. Provide documentation of the payment described above to the CPM. The CPM shall adjust the payments initially required by WORKER SAFETY-6 based upon the accounting provided by the SBCFD.	5 days prior to start of construction		Complete
WORKERSAFETY-8	PC	Enhanced Dust Control Plan shall be provided to the CPM for review and approval.	60 days prior to site mobilization		Complete

Cond. #	Sort Code	Verification/Action/Submittal Required by Project Owner	Timeframe	Date Due to CEC CPM	Status
GEN-4	PC	Submit to the CBO for review and approval, the resume and registration number of the resident engineer (RE) and any other delegated engineers assigned to the project. 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.	30 days prior to start of grading		Complete
GEN-5	PC	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.	30 days prior to start of grading		Complete
GEN-5	PC	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.	30 days prior to start of construction		Complete
PAL-1	PC	Submit a resume and statement of availability of its designated paleontological resource specialist (PRS) for on-site work.	60 days prior to ground disturbance		Complete
PAL-1	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. If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM. The letter shall be provided to the CPM no later than one week prior to the monitor's beginning on-site duties.	20 days prior to ground disturbance		Complete
PAL-2	PC	Provide the maps and drawings to the PRS and CPM.	30 days prior to ground disturbance		Complete
PAL-3	PC	Provide a copy of a paleontological resources monitoring and mitigation plan (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.	30 days prior to ground disturbance		Complete
PAL-4	PC	Submit the proposed Worker Environmental Awareness Program (WEAP), including the brochure, with the set of reporting procedures for workers to follow.	30 days prior to ground disturbance		Complete
PAL-4	PC	Submit the training program presentation/ materials to the CPM for approval if planning to use a presentation format other than an in-person trainer for training.	30 days prior to ground disturbance		Complete
TSE-2	PC	Submit to CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project.	30 days prior to rough grading		Complete