December
Monthly Compliance Report
(COC COMPLIANCE-6)

Genesis Solar Energy Project
Eastern Riverside County, California

Genesis Solar, LLC

December

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The Genesis Solar Energy Project received authorization to construct from the California Energy Commission (CEC) on September 29, 2010 and the US Bureau of Land Management (BLM) on November 4, 2010. In accordance with the California Energy Commission's (CEC) Condition of Certification (COC) number COMPLIANCE-6, please see the following report that summarizes compliance with CEC and BLM's requirements for pre-construction and construction activities for the month of December, 2011.

During the month of December, 2011, Project activities included:

- Ongoing design tasks and agency consultation.
- Continued New Employee site specific Safety Training and Worker's Environmental Awareness Training
- Finish Grading on Unit 1, blocks 5 through 8.
- Began construction on temporary electrical feed to trailer city.
- Grading on Unit 2, block 1 through 4.
- Compaction testing of Unit 1, Blocks 6 through 8
- Compaction testing of Unit 2, Block 4
- Punch list completed on Assembly building.
- Collapsed all kit fox dens, found new den on December 30. 1 den left on site.
- Monitoring of kit fox dens outside plant perimeter.
- Continue Caisson concrete pours on Unit 1, block 5.
- Began Solar Collection Elements (SCE) jig and fixture assembly and receiving materials to support fabrication of SCE structures.
- Began construction of hot wire fencing above tortoise fencing.

All questions or concerns regarding the contents of this report should be directed to Charlyn Mosley at: 760-831-2651 or email charlyn.mosley@nexteraenergy.com

AQ-SC1: Air Quality Construction Mitigation Manager

Requirement: Submit to the CPM for approval the name, resume, and contact information for the on-site AQCMM and all AQCMM delegates.

A replacement AQCMM delegate was submitted on September 30, 2011. No new applications were submitted in December 2011.

AQ-SC3: Construction Fugitive Dust Control; AQCMM Monthly Reporting
Requirement: Submit AQCMM compliance documentation.

Construction of the Genesis Solar Energy Project (Phase 1) continued in November with several operations occurring simultaneously. These operations and their progress between November 1 and 30 are listed below.

Operation	Activity Locations from December 1-31, 2011
Continue grading of Blocks 5, 6, 7 and 8	Genesis Site Task on-going
Block 6 and 8 cut and fill on-going	100% complete.
Begin electrical cable installation for Trailer Row	Genesis Site Task ongoing
Assembly building construction in the final phase. A punch list has been submitted for completion.	99% complete
PSI on site to perform compaction test	Genesis Site Task ongoing
Began construction on temporary electrical feed to trailer city.	Genesis Site Task ongoing
Began Solar Collection Elements (SCE) assembly and receiving materials for SCE structures	Genesis Site Task ongoing
Compaction testing of Unit 1, Blocks 6 through 8	Genesis Site Task ongoing
Unit 2 grading/cut and fill on blocks 1 – 4 is on hold.	Genesis Site Task 50% complete for grading and cut/fill
Grading Unit 1, blocks 5 – 8 continues	98% complete
Kit Fox dens collapsed and filled	Genesis Site Task 100% complete
	Block 1, 2, 3 and 4 are on hold for cultural findings. Discussions regarding work progression in progress.

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

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

- All workers have been instructed in fugitive dust prevention as part of their Workers Environmental Awareness Program training.

- Fugitive dust control mitigation measures have been a topic at contractor tailboard meetings once a week or more, depending upon weather conditions. During the month of December, wind gusts caused work stoppages and equipment slow downs.
- No vehicle shall exceed 10 mile per hour on unpaved areas within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads as long as such speeds do not create visible dust emissions.
- Speed limit signs are posted at the lay-down areas and along the access roads for the full length of the project. Dust and dawn speed limit signs annotating the 35 mph limit were discussed with contractors to remind them of the reduction in speed during the dust and dawn hours.
- As per AQ-SC3 all soil piles have been treated with water and/or tackifier to reduce dust plumes during windy conditions.
- All roads have had water applied to them regularly to reduce dust plumes from moving vehicles.
- Areas where dirt roads intersect asphalt roads have had a 20' X 50' rock pad installed to reduce tracking onto the road.
- All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.
- No diesel equipment has been allowed to idle in excess of 5 minutes.

AQ-SC4: Dust Plume Response Requirement

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

As per AQ-SC4 a policy of fugitive dust monitoring has been put into place. In addition to the AQCMM, two biological monitors have been made Air Quality Construction Mitigation Manager Delegates. They have been given the authority to shut down work temporarily to inform the operators if they are creating excessive fugitive dust and to suggest ways to prevent further excessive fugitive dust generation. They are further instructed to inform the AQCMM of all such stoppages, and to follow up with further communications as to the measures the contractor has taken. If no measures are taken, they are to inform the AQCMM who will then shut the crew down. All slowdowns or work stoppages due to air quality concerns are recorded below, along with response taken to ameliorate Air Quality concerns.

Air Quality Construction Mitigation Plan : Fugitive Dust Response Record			
Date	**Activity**	**Response**	**Duration**
12/23/2001	Work stoppage due to high winds	Work stopped in morning due to extreme high winds	8 hours
12/25/2001	No work today	Holiday	8 hours
12/24/2011	Work limited to 4 scrapers	Wind gust, work slow down	8 hours
12/24/2011	Work stoppage	Due to wind gust	4 hours

AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting

Requirement: Submit compliance documentation for diesel emissions.

All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.

A list of all pieces of equipment used on this project is presented below. The equipment complies with the California Tier 3 standards for equipment above 50 hp.

No diesel equipment has been allowed to idle in excess of 5 minutes.

Please see attachment A for equipment lists and rating.

BIO-2: Designated Biologist

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

Weekly Biological Summary, 11/27/2011 – 12/03/2011

Ponding water issues were noted this week with mitigation measures enforced to prevent future ponding water. Control valve on Well Pad 1 stuck but was repaired and mitigated within the hour. This tank was moved to another location for use in Unit 2 solar field.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. Monitoring of off site dens began this week.

Weekly inspection of the tortoise exclusion fence was performed. Sporadic raven sightings continue in the solar fields. No nesting birds, burrowing owls, MFTL'S or desert tortoises were observed during this reporting period.. No road kill observed.

Weekly Biological Summary, 12/4/2011 – 12/10/2011

Ponding water issues were mitigated by assigning a tractor and operator to perform standing water mitigation permanently this week. This operator goes to each well continuously to mitigate any water issues by scraping, filling or laying rip-rap to prevent standing/ponding water issues.

A biological Monitor has been assisting the DB throughout the week due to elevated activity on site and to continue monitoring of the fox dens. A sick kit fox was found and taken to the Living Desert Zoo for observation. Blood was drawn and then the euthanized carcass was taken to UC Davis, San Bernardino for necropsy.

No nesting birds, Burrowing owls, MFTL's, or Desert tortoises were observed.

100% weekly exclusion fence perimeter was performed.

Weekly Biological Summary, 12/11/2011 – 12/17/2011

The DB and BM conducted daily wildlife clearance foot transects ahead of cut and operations per the schedule through block 8, 9 and 10 ahead of sprinkler crew.

Fugitive fluid leaks and ponding water were mitigated this week resulting in no leaks or spills, or ponding water.

On 12-12 a dead kit fox was found near Well # 1. The dead carcass was shipped to UC Davis per Dr. Clifford's protocol. Dens 19 and 17 were dug down, only den 18 remains.

Daily checks of kit fox dens continued. Collection of remote camera memory cards and photo documentation continues.

The tortoise perimeter exclusion fence was 100% checked.

No nesting birds, Burrowing owls, MFTL's, or Desert tortoises were observed.

Weekly Biological Summary, 12/18/2011 – 12/24/2011

Due to the holiday, shutdowns occurred on December 25 and 26.

There were no significant fugitive leaks found this week. Numerous pieces of equipment are being repaired for hydraulic hoses and O rings.

Off-site kit fox mortality was found this week. As a courtesy to the agencies, off-site monitoring of kit fox dens are performed daily. The remains of the kit fox consisted of one leg and some pelage.

DB and BM continue to ensure avoidance buffers and perform daily monitoring activities.

The tortoise perimeter exclusion fence was 100% checked.

No nesting birds, Burrowing owls, MFTL's, or Desert tortoises were observed.

Weekly Biological Summary, 12/25/11 – 12/31/2011

Due to the holiday, shutdowns occurred on December 30 and 31.

Off-site kit fox mortality was found this week. As a courtesy to the agencies, off-site monitoring of kit fox dens are performed daily. Den 18 was back filled and den 20 was dug up. No new mortalities were found this week.

DB and BM continue to ensure avoidance buffers and perform daily monitoring activities.

The tortoise perimeter exclusion fence was 100% checked.

No nesting birds, Burrowing owls, MFTL's, or Desert tortoises were observed.

BIO-4: Biological Monitors

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

See Appendix B.

BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan

And

BIO-8: Impact Avoidance and Minimization Measures

Requirement: Submit compliance documentation for implementation of BRMIMP measures.

In order to remain in compliance with mitigation measures the Designated Biologist has been with construction crews at all times. Construction activity consisted of final UXO surveys, Geotechnical core sampling, backfilling with a small dozer rain erosion repairs to the integrity of the tortoise exclusion fence grounds, and placement of wildlife caution signs with required speed limit signs. Construction crews were reminded daily of environmental concerns. The temporary Centerline Road inside the exclusion fence as well as the access road in the linear corridor was checked daily for road kill.

Compliance activities have included:

- Advising the Project Owner and Contractors on the implementation of the Biological Resource Conditions of Certification;
- Schedule and deploy the appropriate number of qualified biological monitors
- Supervising or conducting monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources and special status species;
- Conducting biological clearance surveys;
- Informing the Project Owner and Contractors of any remedial measures necessary;
- Surveying ahead of construction to identify sensitive resources and clear the area prior to construction equipment entry;
- Monitoring construction activities in specific areas for biological resource issues,
- Maintaining a daily log of monitoring events;
- Inspect areas of active construction at beginning and end of day for trapped animals;
- Inspect areas of high traffic activity for animals in harm's way;
- Evaluating new temporary use areas for biological resources;
- Notifying Owner of any observed incidents and problem areas; and
- Temporarily halting construction activities as needed to protect animals in the path of equipment.

Included in Appendix B

BIO-9: Desert Tortoise Clearance Surveys and Fencing

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

No repairs to the fence itself were required. Currently the DB and the BM are onsite during construction activity, surveying ahead of any equipment where monitoring is required.

No tortoises were observed within the fenced site and a 100% perimeter exclusion fence check was conducted as required weekly in November.

BIO-11: Desert Tortoise Compliance Verification

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

All mitigation management measures have been complied with. Compliance with BIO -4 and BIO-8 is achieved by monitoring all site mobilization activities, construction-related ground disturbance, and other construction activities. All construction workers are reminded regularly of the need to check under vehicles, do not litter or cast off food, and to look out for sensitive species while driving in the access roads.

BIO-13:

The monthly raven observations count was conducted on December 21st.

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

The 30 day pre-construction nest survey requirement expired on July 31st for migratory birds. No nests were discovered in the month of November so avoidance measures were not applicable.

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

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

Monitoring of the Desert Kit Fox (*Vulpes macrotis*) dens is on-going. There are currently 1 den in the solar fields.

Individual Den Status:
Den 21 located southeast of Power Block 2 is believed inactive.

No Desert Tortoises (Gopherus agassizi) or sign was observed during construction activities.

The Desert Tortoise, Desert Kit Fox, and American Badger Plant Site Clearance Survey Report were submitted to the CEC.

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

Requirement: Submit burrowing owl mitigation compliance documentation.

No Burrowing Owls (*Athene cunicularia*) or sign was observed at the project site or during construction activities.

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

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

No special status plants have been observed during construction monitoring. ESA's were checked to ensure stakes and signs are in place. Revegetation of the south access road was completed by the designated biologist, Alice Karl. Continued monitoring of the plant status and road access is completed weekly.

BIO-22: Mitigation for Impacts to State Waters

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

Construction of the well site access road has crossed several ephemeral drainages. At the drainage location, soil piles are removed and/or leveled to prevent disruption of any potential flow. No rain events have resulted in flow of any channel to date during construction. Erosion control devices (silt fence, straw waddles, etc) are stock piled on site and will be installed as needed.

BIO-6, CUL-7, and PAL-4: Worker Environmental Awareness Program (WEAP)

Requirement: Submit past 30d of training records.

Workers Environmental Awareness Program
Every person employed or present on the ROW, including specialty subcontractor personnel, has been instructed in environmental compliance through the Workers Environmental Awareness Program; which includes a training video and verbal instruction. In each case the new employee has signed a roster providing proof of his/her participation and received a hard-hat sticker to provide job-site training verification. In the month of September, 30 people participated in the WEAP training. Training rosters are maintained at the project environmental office.

See Appendix C

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

There were no noncompliance events this month.

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

All other ground disturbing activities on site were observed by our resident Cultural Resources Monitor and Native American Monitors. There were no historic/prehistoric isolates observed in the month of December, items are being cataloged and curate as per the CRMMIP.

CUL-13: Flag and Avoid

Requirement: Submit compliance documentation regarding flagging inspections.

Exclusion zones associated with cultural resource locations have been re-flagged as necessary and are inspected regularly for integrity.

SOIL&WATER-1: Drainage Erosion and Sedimentation Control Plan

Requirement: Submit documentation regarding compliance with DESCP.

Disturbance activity associated with fence installation; all drainages crossed are located, soil removed and/or leveled to allow potential flow in the event of rain event. No other activity at this time.

TRANS-2: Vehicle Weight Limits

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

No oversize or special permitted loads delivered to the site for the reporting period.

TRANS-3: Public ROW Encroachment

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

Continued meetings with Caltrans to reach resolution with the entrance road tie in at the Wiley's Well Rest Area. A resolution has not been reached with Caltrans, the project is moving forward to design and develop the encroachment area in question. Three options were given to Caltrans to choose from, they are still reviewing the designs.

TRANS-4: Hazmat Transport Permits/Licenses

Requirement: Report hazardous material transport permits received.

Earliest delivery anticipated fall 2012.

WASTE-6: Hazardous Waste Generator Identification Number

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

Application and request is currently being processed

WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment

Requirement: Submit compliance documentation and inspection approvals.

A Construction Safety Supervisor has been assigned and continues to provide safety training, monitoring, and inspections. There was a reportable incident during this work period. The incident occurred on December 12, 2011.
A site visit and audit was conducted by the Bureau Veritas Safety Supervisor. Weekly bulletins and contractor audit inspection sheets are enclosed in Attachment F.

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

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

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

GEN-3: CBO Payments

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

No fees were paid to the CBO during this reporting period.

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

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

No additional inspectors have been approved during this reporting period.

GEN-7: Facility Design Discrepancy Documentation

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

No discrepancies reported this month.

GEN-8: As-builts, CBO Notification of Completion and Compliance

Requirement: Submit a copy of statement of work completed.

See Appendix D

CIVIL-1: CBO Submittals- Drainage and Grading, Statement of Submittal

Requirement: Submit a copy of CBO approval.

See Appendix D

CIVIL-3: CBO Inspection of 2007 CBC Compliance

Requirement: Submit list of noncompliance reports.

See Appendix D

CIVIL-4: Final Grading Plans - CBO Submittal

Requirement: Submit a copy of CBO approval of grading plans.

See Appendix D

STRUC- 1: CBO Submittals - Major Structure or Facility Design Component, Statement of Submittal

Requirement: Submit a copy of a statement from CBO that structural plans, specifications, and calculations have been approved and comply with engineering LORS.

See Appendix D

STRUC-3: CBO Submittal - Design Changes, Revised Drawings, Specifications, Calculations

Requirement: Submit notification that the CBO has approved the revised plans.

See Appendix D

STRUC-4: 2007 CBC Compliance for Toxic or Hazardous Materials

Requirement Submit copies of the CBO approvals of plan checks.

See Appendix D

MECH-1: CBO Submittal - Plan Piping and Plumbing System, Final Design Specifications and Calculations

Requirement: Submit a copy of transmittal letter to CBO.

See Appendix D

MECH-2: CBO and Cal-OSHA Submittal - Pressure Vessel

Requirement: Submit a copy of CBO inspection approvals.

See Appendix D

ELEC-1: CBO Submittal - Electrical Equipment and Systems

Requirement: Submit:
1. Receipt or delay of major electrical equipment;
2. Testing or energization of major electrical equipment; and
3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission decision.

No Permanent Electrical activities have taken place in the month of December.

PAL-5: PRS Monitoring and Stop Work Authority

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

SWCA's Paleontological Resources Monitor (PRM) monitored geotechnical boring activities, scraping and grading in the Common Area and Assembly Building excavations occurring deeper than 1.5 feet. SWCA's PRM was on-site December 1st through December 30. There were a few

paleontological resources discovered, causing stop work issues and sensitive findings which resulted in 2 days of work stoppages. Discussions and meetings between the Native American Tribes and the agencies occurred. No resolve has resulted in December. Continued discussions will be planned in January.

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

Requirement: Submit schedule updates.

See Appendix D

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

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

No activities have taken place.

Requirement: Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.

No delay submissions have taken place this month

COMPLIANCE-5 - Compliance Matrix

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

The Compliance Matrix is enclosed

COMPLIANCE-6 - Compliance Matrix

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

Compliance Matrix

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
AQ-SC1	Assign Air Quality Construction Mitigation Manager	Fluor	> 30d pt gd	17-Dec-10	11/16/2010 1/13/11			Approved 12/2/2010	
AQ-SC1	AQCMM remain onsite to monitor construction activities	Fluor	Ongoing						
AQ-SC2	Prepare Air Quality Construction Mitigation Plan (AQCMP)	Fluor	> 30d pt gd	17-Dec-10	23-Nov-10			Approved 12/2/2010	
AQ-SC3	AQCMM to submit compliance documentation to the CPM in	Fluor	Monthly						
AQ-SC3	Implement Dust Control BMPs	Fluor		17-Jan-11	1-Nov-10			Approved 1/13/2011	
AQ-SC3	Stabilize all disturbed areas after construction activities.	Fluor	Construction Completion	1-Jul-14					
AQ-SC4	Implement Dust Plume Response Requirement	Fluor		17-Jan-11	1-Nov-10			Approved 1/13/2011	
AQ-SC4	Submit information on dust plume observations, response, and	Fluor	Monthly	Monthly	Ongoing				
AQ-SC4	Monitor all construction activities for visible dust plumes. If	Fluor	Ongoing						
AQ-SC5	Implement Diesel-Fueled Engine Control	Fluor		17-Jan-11					
AQ-SC5	Submit compliance documentation in Monthly Compliance	Fluor	Monthly	Monthly	Ongoing				
AQ-SC5	AQCMM to inspect and tag all diesel-fueled engines	Fluor	Ongoing		Ongoing				
AQ-SC6	Update Fleet Plan every other year. Submit the Fleet Plan with	Operations	Annually	1-May-13					
AQ-SC6	Submit to the CPM a Fleet Plan for vehicles dedicated to mirror	Fluor	> 30d pt operation	31-Mar-13					
AQ-SC7	Submit Operations Dust Control Plan.	Fluor	> 30d pt operation	31-Mar-13					
AQ-SC7	Implement all requirements of the Operations Dust Control Plan	Operations	Ongoing	1-May-13					
AQ-SC7	Submit report identifying locations of all speed limit signs, and a	Fluor	< 60d after start of operation	29-Jun-13					
AQ-SC8	Submit all modified or revised ATC/PTO documents and all	Tetra Tech	< 15d of receipt	ongoing	10/1/2010 - Initial			10/2011 - 1st annual	
AQ-SC8	Submit copies of District Issued Authority to Construct & Permit to Operate Documents	Tetra Tech	< 5d from date of submittal or receipt		12-Dec-10			Approved 1/17/11	
AQ-1	Operate NG boilers in compliance with all data and specifications submitted with application.	Operations	Ongoing						
AQ-2	Fuel equipment only with NG. Operate and maintain in accordance with manufacturer recommendations.	Operations	Ongoing						
AQ-3	Emissions shall not exceed the following hourly emission limits (see full text)	Operations	Ongoing						
AQ-3	Submit emissions compliance documentation in Annual Compliance Report.	Operations	Annually						
AQ-4	Maintain an operations log on-site and current for a minimum of five (5) years.	Operations	Ongoing, 5 yrs						
AQ-4	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing						
AQ-6	Submit test results within 180 days of initial start up.	Fluor	< 180d after initial start up	28-Oct-13					
AQ-6	Notify agencies within fifteen working days before the initial MDAQMD compliance test.	Fluor	< 15d prior to test						
AQ-7	Perform annual MDAQMD compliance tests.	Operations	Annually						
AQ-7	Submit results report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit						
AQ-9	Ullage tanks - This system shall store only HTF.	Operations	Ongoing						
AQ-10	Monitor VOC output, sample weekly. Calibrate FID on day of use. Maintain log of weekly sampling results and keep log onsite.	Operations	Weekly	1-May-13					
AQ-10	Operate ullage tanks system with the carbon adsorption system. *[VOC and Benzene emissions cap, see full text]*	Operations	Ongoing						
AQ-10	Submit compliance documentation in Annual Compliance Report.	Operations	Annually						
AQ-10	Submit a yearly summary report of all VOC emissions.	Operations	Jan-31 Annually						
AQ-10	Submit a monitoring and change-out plan for the system.	Fluor	pt initial start up	30-Apr-13					
AQ-10	Submit initial test results within 180 days after startup.	Fluor	< 180d after initial start up	28-Oct-13					

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
AQ-11	Submit an HTF Ullage/Exp. Tanks vent release Inspection, Maintenance and Monitoring Plan.	Fluor	> 30d pt taking delivery of the HTF	13-Dec-12					
AQ-12	Establish an HTF Piping and Exp Tank Inspection and Maintenance Program. Provide documentation to District staff	Fluor	> 30d pt taking delivery of the HTF	13-Dec-12					
AQ-12	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing						
AQ-12	Submit to CPM an HTF Ullage/Exp. Tanks - Inspection,	Fluor	> 30d pt taking delivery of the HTF	13-Dec-12					
AQ-12	Submit volume of HTF removed and added in Annual Report.	Operations	Annually						
AQ-13	Submit a report of test results to the District.	Fluor	< 45d after test						
AQ-13	Notify District prior to testing.	Fluor	10d prior to test						
AQ-13	Provide a written test plan for District review and approval.	Fluor	30d prior to test						
AQ-13	Submit to the District a compliance test protocol.	Operations	< 60d after initial start up	29-Jun-13					
AQ-14	Perform initial compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual. Submit test	Operations	< 180d after initial start up	28-Oct-13					
AQ-15	Make the site available to the District, ARB, and the Energy Commission for inspection of records.	Operations	Ongoing						
AQ-15	Perform annual compliance tests in accordance with the MDAQMD Compliance Test Procedural Manual.	Operations	Annually						
AQ-15	Submit test results and report to the District no later than six weeks prior to the expiration date of this permit.	Operations	< 6w pt expiration of permit						
AQ-15	Retain all annual test records for 5 yrs.	Operations	Ongoing, 5 yrs						
AQ-16	Include Ullage/tank emission rate caps compliance documentation in Annual Report.	Operations	Annually						
AQ-16	Maintain emission rates below specified volumes.	Operations	Ongoing						
AQ-17	Submit a Compliance Plan of the toxic or hazardous substances if current non-criteria substances in the HTF become regulated	Fluor / Operations	Ongoing						
AQ-18	Operate cooling towers in compliance with all data and specifications submitted in application.	Operations	Ongoing						
AQ-19	Operate cooling towers in compliance with all manufacturer specifications.	Operations	Ongoing						
AQ-20	Comply with drift rate emissions cap *(see full text)*.	Operations	Ongoing						
AQ-20	Submit manufacturer guarantee data for the drift eliminator.	Fluor	> 30d pt cooling tower operation	31-Mar-13					
AQ-20	Submit compliance documentation on operating emission rates with Annual Report.	Operations	Annually						
AQ-22	Submit a test and emissions calculation protocol.	Fluor	> 30d pt testing						
AQ-23	Submit compliance documentation with Annual Report.	Operations	Annually						
AQ-23	Do not operated for more than 3,200 hours per rolling twelve month period and more than 15 hours per calendar day.	Operations	Ongoing						
AQ-24	Maintain operations log onsite for 5 years.	Operations	Ongoing						
AQ-24	Make site available for inspection of records and equipment by representatives of the District, ARB, and the Energy	Operations	Ongoing						
AQ-25	Make available compliance documentation for inspection by representatives of the District, ARB, and the Energy Commission	Operations	Ongoing						
AQ-26	Operate generators in compliance with all manufacturer specifications.	Operations	Ongoing						
AQ-27	Use only ultra-low sulfur diesel fuel. Retain fuel purchase records.	Operations	Ongoing						

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
AQ-28	Install a non-resettable hour meter on the unit to indicate elapsed engine operating time. Submit to District and CPM the	Fluor	> 30d pt installation						
AQ-29	Use limited to emergency power. Operate no more than 50hr/yr for testing and maintenance.	Operations	Ongoing						
AQ-30	Maintain a operations log for a minimum of two years.	Operations	Ongoing 2 yrs after start of operations						
AQ-30	Make records available to the District for three years.	Operations	Ongoing 3 yrs after start of operations						
AQ-30	Submit compliance documentation in Annual Report.	Operations	Annually						
AQ-30	Make site and records available for inspection by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing						
AQ-31	Do not use generators during a voluntary power outage or reduction.	Operations	Ongoing						
AQ-32	Operate generators <30 minutes pt ordered outage. Shut down immediately after advised that the outage is no longer imminent	Operations	Ongoing						
AQ-33	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing						
AQ-34	Submit the engine specifications regarding NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase	30-Jun-11					purchase schedule assumed June, (TP)
AQ-34	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition	Operations	Ongoing						
AQ-35	Install, operate and maintain equipment in accordance with manufacture recommendations and with all data and	Fluor / Operations	Ongoing						
AQ-36	Use only ultra-low sulfur diesel fuel for equipment.	Operations	Ongoing						
AQ-37	Install a non-resettable hour meter on this unit to indicate elapsed engine operating time. Provide the District and the CPM	Fluor	> 30d pt installation						
AQ-38	Limit use for emergency power. Operate < 50hrs/yr for testing.	Operations	Ongoing						
AQ-39	Maintain an operations log for this unit current and on-site, for three years.	Operations	3 yrs after start of operations	1-May-13					
AQ-39	Submit compliance documentation in Annual Report.	Operations	Annually						
AQ-40	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing						
AQ-41	Operate and maintain equipment in compliance with requirements of the NSPS for Stationary Compression Ignition	Operations	Ongoing						
AQ-41	Submit the engine specifications demonstrating compliance with NSPS and ARB ATCM emission limit requirements.	Fluor	> 30d pt purchase	30-Jun-11					purchase schedule assumed June, (TP)
AQ-42	Post the required toll-free number on the equipment.	Fluor / Operations	Ongoing						
AQ-43	Maintain an inspection, repair and maintenance log onsite for at least two years.	Operations	2 yrs after start of operations	1-May-13					
AQ-44	Submit any modification to the piping or control fitting of the vapor recovery system for review and approval.	Fluor / Operations	Ongoing						
AQ-45	Equipt the vapor vent pipes with Husky 5885 pressure relief valves or as otherwise allowed by EO	Fluor	Ongoing						
AQ-46	Perform pressure, leak and liquid removal tests annually. Document test data on a Form similar to EO VR-401-A Form 1	Operations	< 60d after construction completion	29-Aug-14					
AQ-46	Submit results of pressure checks.	Operations	< 30d after test						
AQ-46	Perform pressure, leak and liquid removal tests within 60 days of construction completion. Document test data on a Form similar	Fluor	Annually						
AQ-46	Make test results available to CPM upon request.	Operations	Ongoing						
AQ-46	Notify District pt testing. (initial and annual)	Fluor	> 10d prior to test						
AQ-46	Submit passing test reports to District.	Operations	< 6w pt expiration of permit						
AQ-47	Install and maintain aboveground storage tank and vapor recovery system in compliance with California Health and Safety	Fluor / Operations	Ongoing						
AQ-48	Maintenance and repair of system components shall be performed by CARB Certified Technicians	Operations	Ongoing						

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
AQ-49	Maintenance Intervals shall be conducted by an OPW trained technician annually.	Operations	Annually						
AQ-51	Maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-401-A, and Phase II vapor recovery in	Operations	Ongoing						
BIO-1	Assign Designated Biologist	Tetra Tech	> 30d pt gd	17-Dec-10	9/27/2010 2/18/11			Approved 11/30/10	
BIO-2	Include documentation of biological resource compliance in the Monthly Compliance Reports.	Tetra Tech	Monthly	Monthly					
BIO-2	Des Bio to submit bio compliance documentation through operations, unless approved by the CPM.	Tetra Tech	Annually						
BIO-2	Des Bio Pre-con: Consult on the preparation of the BRMIMP;	Tetra Tech		n/a	n/a			n/a	
BIO-2	Submit BRMIMP compliance summary reports in Annual Compliance Report.	Tetra Tech	Ongoing						
BIO-2	Des Bio Const: Advise Construction and Operation Managers on bio resources	Tetra Tech	Ongoing						
BIO-3	Assign Bio Monitors and submit training verification	Tetra Tech	> 30d pt gd	17-Dec-10	10-Dec-10			Approved (various dates)	
BIO-3	Submit information on additional bio monitors, if needed	Tetra Tech	> 10d pt monitoring activity	On-going					
BIO-4	Employ a Bio Mon during operations if any action could affect a sensitive bio resource.	Tetra Tech	Ongoing						
BIO-4	Assist with surveys and in monitoring of site mobilization activities.	Tetra Tech	pt construction	Ongoing					
BIO-4	Include BIO-4 compliance documentation in Monthly Compliance Report.	Tetra Tech	Monthly	Monthly					
BIO-4	Bio Mons assist DB with surveys and monitoring disturbance activities.	Tetra Tech	Ongoing						
BIO-5	Des Bio to notify agencies if there a stop work order.	Tetra Tech	Ongoing						
BIO-6	Prepare and Submit WEAP (including trainer resume)	Tetra Tech	> 30d pt gd	17-Dec-10	3-Dec-10			Comments received 12/08/10	
BIO-6	Conduct training annually for perm. Employees and within one week of arrival for new staff	Operations	Annually						
BIO-6	Submit training records in the Monthly Compliance Report.	Flour	Monthly						
BIO-6	Conduct WEAP training to all onsite personnel within one week of arrival. Employees must sign a completion form and display a hardhat sticker. Keep all training forms on site.	Fluor	Ongoing						
BIO-6	Submit Final WEAP.	Tetra Tech	> 10d pt gd	6-Jan-11	1/4/2011 1/14/11			Approved 1/14/11	
BIO-6	Keep signed training forms on site for >6m after start of operations and 6m after staff dismissal.	Operations	> 6m Operations	1-May-13					
BIO-7	Submit the revised or supplemented BRMIMP.	Tetra Tech	< 10d of receipt of addl permits						
BIO-7	Submit Draft BRMIMP	Tetra Tech	> 30d pt site mobilization	17-Dec-10	23-Nov-10			comments received 12/21/10	
BIO-7	Conduct Aerial Surveys and submit pre-const. photos for review	Tetra Tech	after construction completion	2-Jan-11	10-Jan-11			pending	
BIO-7	Construction disturbance verification - submit post-construction aerial images of the project site .	Fluor	< 90d after construction completion	28-Sep-14					
BIO-7	Submit any outstanding permits within 5 days of receipt and revise BRMIMP accordingly.	Tetra Tech	< 5d of receipt						
BIO-7	Include BIO-7 compliance documentation in Monthly Compliance Report.	Tetra Tech	Monthly						
BIO-7	Submit final BRMIMP.	Tetra Tech	> 7d pt gd	9-Jan-11	1/5/2011 1/11/11			Approved 1/12/11	
BIO-7	Submit to the CPM a Construction Termination Report.	Tetra Tech	< 30d after construction completion	30-Jul-14					
BIO-8	If an active bird nest is detected, submit Nesting Bird Monitoring and Management Plan	Tetra Tech	< 7d pt noisy construction in nesting habitat	10-Jan-11	1/25/2011 2/25/11			3/14/2011	
BIO-8	Speed limit = 25 mph on all dirt roads and 45 mph on all paved roads	Fluor	Ongoing						

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BIO-8	Signs - Post speed limit signs at entrances and wildlife signs at potential crossing areas.	Fluor	Ongoing						TOMMY will talk to peggy about where wildlife signs need to go.
BIO-8	Water - prevent puddles from forming. Bio Monitor must patrol areas watered outside fence to ensure no puddles form.	Fluor	Ongoing						
BIO-8	Use non-toxic soil bonding and weighting agents on unpaved surfaces.	Fluor	Ongoing						
BIO-8	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE II	Fluor	pt construction	30-May-11	completed			completed	
BIO-8	Flag Project boundary in consultation with Des Bio and confine all disturbance and vehicles to within boundary. - PHASE I	Fluor	pt construction	10-Jan-11	completed			completed	
BIO-8	Include BIO-8 compliance documentation in Annual Compliance Report.	Tetra Tech	Annually						
BIO-8	Include BIO-8 compliance documentation in Monthly Compliance Report.	Tetra Tech	monthly	Monthly					
BIO-8	Design facility lighting to prevent side casting of light towards wildlife habitat.	Fluor							
BIO-8	Immediately clean up and properly dispose of all hazardous material spills and any contaminated soil.	Fluor	Ongoing						
BIO-8	Des. Bio or Bio Monitor must walk immediately ahead of equipment during brushing and grading activities in unfenced	Tetra Tech / Fluor	Ongoing						
BIO-8	Stockpile spoil and topsoil in disturbed areas lacking native vegetation and are not habitat for special-status species.	Tetra Tech / Fluor	Ongoing						
BIO-8	Des. Bio must be onsite during disturbance-activities in un-fenced areas.	Tetra Tech / Fluor	Ongoing						
BIO-8	Install and maintain facility lighting downward. Use minimum lighting needed, including motion or infrared sensors.	Tetra Tech / Fluor	Ongoing						
BIO-8	Avoid loud construction activities (>65dBA) from February 15 to April 15 in nesting habitat. (See full text for exceptions).	Tetra Tech / Fluor	Ongoing						
BIO-8	Backfill or slope all open trenches outside fenced area at end of day. Inspect open trenches at beginning, throughout and end of	Tetra Tech / Fluor	Ongoing						
BIO-8	Cap or elevate (>8" above ground) all pipes greater than 3" diameter and outside fenced area. OR inspect before moving.	Tetra Tech / Fluor	Ongoing						
BIO-8	Remove road-killed animals on Project roads. Contact agencies immediately if animal is a special-status species.	Tetra Tech / Fluor	Ongoing						
BIO-8	Service vehicles and equipment in designated areas only. Service/maintenance vehicles must carry a bucket and pads to	Tetra Tech / Fluor	Ongoing						
BIO-8	Keep all food and trash in self-closing containers and remove from site daily.	Tetra Tech / Fluor	Ongoing						
BIO-8	Workers must not feed wildlife or bring pets to the Project site.	Tetra Tech / Fluor	Ongoing						
BIO-8	No firearms or weapons onsite.	Tetra Tech / Fluor	Ongoing						
BIO-8	Stabilize all disturbed soils and roads (const and oper).	Tetra Tech / Fluor	Ongoing						
BIO-8	Install and maintain erosion control measures to prevent sedimentation of "Waters of the State". Sediment and other flow-restricting materials shall be moved to a location where they shall not be washed back into the stream.	Tetra Tech / Fluor	Ongoing						
BIO-8	If activities btwn Feb15 to Apr15 may result in noise >65 dBA in bird nesting habitat, submit nest survey results (as described in 9a).	Tetra Tech	< 7d before noisy construction	On-going					
BIO-8	Locate parking areas, staging and disposal site locations in areas without native vegetation or special-status species habitat.	Tetra Tech / Fluor							
BIO-8	Park and store vehicles within exclusion fence. If not possible, check under vehicle for tortoise before moving.	Tetra Tech / Fluor							
BIO-8	Designated Biologist must monitor ground disturbing activities prior to pre-construction site mobilization.	Tetra Tech / Fluor	pt site mobilization	16-Jan-11	completed				

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
BIO-9	Flag and survey the alignments for the permanent perimeter fence and utility rights-of-way fencing <24hrs PT fence construction.	Fluor	< 24hrs pt fence construction						
BIO-9	Submit DT survey reports. Ph I	Tetra Tech	< 30d after survey complete	17-Feb-11	2/25/2011 3/28/11			Comments received 3/14/11	
BIO-9	Submit DT survey reports. P II	Tetra Tech	< 30d after survey complete	15-May-11	1-Nov-10				
BIO-9	Inspect temporary fencing weekly and, where drainages intersect the fencing, during and within 24 hours following major rainfall	Tetra Tech	< 24hr following rain event						
BIO-9	Inspect permanent fencing monthly, during and within 24 hours following all major rainfall events (flow is detectable within the	Tetra Tech	< 48hrs following rain event						
BIO-9	If tortoises were relocated during fence installation, inspect fences at least two times a day for the first 7 days.	Tetra Tech	Monthly	Monthly					
BIO-9	Design security gates with minimal ground clearance to deter ingress by tortoises.	Fluor							
BIO-9	Clear plant site of Tortoise following construction of permanent fence. Search and collapse all unoccupied burrows. Excavate	Tetra Tech	following const of permanent fence	15-Apr-11					
BIO-9	Install exclusion (supervised by Des. Bio or Monitors) fencing PT site clearing and grubbing.	Fluor	pt clearing and grading	18-Jan-11	completed			completed	
BIO-10	Submit a Translocation Plan status report following translocation of a DT.	Tetra Tech	< 30d after initiation of relocation						
BIO-10	Submit final version of Desert Tortoise Translocation Plan.	Tetra Tech	< 30d pt site mobilization	17-Dec-10	11/29/10; resubmitted 12/28/10			Approved 1/10/11	
BIO-11	Des Bio must be onsite daily during ground-disturbing construction activities located beyond permanent fencing.	Tetra Tech	Ongoing						
BIO-11	Provide agencies with reasonable access to the Project site and compensation lands.	NextEra	Ongoing						
BIO-11	Submit a Final Listed Species Mitigation Report.	Tetra Tech	< 45d after initial start up	14-Jun-13					
BIO-11	Des. Bio to conduct compliance inspections at least once per month after grading is completed.	Tetra Tech	Monthly	Monthly					
BIO-11	DesBio - Notify agencies immediately of any injured or dead listed species. Follow up with written notification within 2 days.	Tetra Tech	< 2d of discovery						
BIO-11	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph I	Tetra Tech	> 14d pt gd	2-Jan-11	3-Jan-11			NA	
BIO-11	Des Bio - Notify the CPM > 14d pt construction ground disturbance. Ph II	Tetra Tech	> 14d pt gd	22-May-11	1-Nov-10			completed	
BIO-11	Notify the CPM immediately of any NCR.	Tetra Tech	upon discovery						
BIO-12	Submit PAR analysis for compensation lands.	Tetra Tech	< 60d after CPM approval						
BIO-12	Submit an Acquisition Proposal compensation lands.	Tetra Tech	< 12m after start of construction	12-Jan-12					
BIO-12	Fund activities for Des Tort compensation. Submit verification of funding to CPM.	NextEra	< 60d CPM determining requirements						
BIO-12	Complete initial protection and improvement activities of mitigation lands. Submit verification to CPM.	Tetra Tech	< 6m CPM determining requirements						
BIO-12	If delegated to third party, complete acquisition within 18 months of gd activities.	NextEra	< 18m after start of gd	9-Jul-12					
BIO-12	Provide to agencies a total disturbance acreage, including B/A aerial photography.	Fluor	< 90d after completion of gd	28-Sep-14					
BIO-12	If mitigation is not completed 30d pt gd, post security for funding.	NextEra	> 30d pt gd	6-May-11					look at tricia's table of approvals
BIO-12	Notify (written) CPM of gd activity commencement.	Tetra Tech	> 30d pt gd	17-Dec-10	3-Jan-10			NA	
BIO-12	Notify (written) CPM of gd activity commencement. Phase II	Tetra Tech	> 30d pt gd	7-May-11	1-Nov-10			completed	
BIO-12	Submit a Preliminary Title Report, initial hazardous materials survey report, biological analysis for compensation land.	Tetra Tech							
BIO-12	Fund long-term maintenance and management activities of the compensation lands. Submit verification of funding.	NextEra	< 30d after CPM approval						
BIO-12	Acquire and transfer fee title to the compensation lands, a conservation easement over the lands, or both.	Tetra Tech							

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BIO-12	Alternative to compensation lands, contribute funds to the Renewable Energy Action Team (REAT).	NextEra							
BIO-12	Submit a Management Plan for Compensation Lands.	Tetra Tech	< 180d after acquisition						
BIO-13	Submit a status report of the Raven Management Plan implementation.	Tetra Tech	< 30d after start of operation	30-May-13					
BIO-13	Submit final Raven Management Plan.	Tetra Tech	> 30d pt construction	17-Dec-10	12/3/2010 1/4/11 1/8/11			Approved 3/2/11	
BIO-13	Post payment to the REAT Account for Regional Raven Management Program. Submit documentation of payment..	NextEra	< 10d pt Project-related gd	7-Jan-11	23-Dec-10			NA	
BIO-13	Include the status of the Raven Management Plan implementation in Jan 31 report during operations.	Tetra Tech	Jan-31 Annually						
BIO-13	Implement the approved Raven Management Plan.	Tetra Tech / Operations	Ongoing						
BIO-14	Submit final Weed Management Plan.	Tetra Tech	> 10d pt Project-related gd	6-Jan-11	8/25/2010 resubmitted			Approved 1/10/11	
BIO-14	Submit a status report of Weed Management Plan implementation.	Tetra Tech	< 30d after start of operation	30-May-13					
BIO-14	Implement the Weed Management Plan.	Tetra Tech / Operations	Ongoing						
BIO-14	Submit a status report of Weed Management Plan implementation in Jan 31 report during operation.	Tetra Tech	Jan-31 Annually						
BIO-15	Submit summary report of nest buffer zones in Jan 31 report during operations	Tetra Tech	Jan-31 Annually						
BIO-15	If active nests are found, establish buffer and Nesting Bird	Tetra Tech	until fledged	After Feb 1					
BIO-15	If active nests are found, establish buffer and Nesting Bird	Tetra Tech	until fledged	After Feb 1	3-Aug-11			report will continue through the	
BIO-15	Submit letter report of nest survey results.	Tetra Tech	pt gd	22-Apr-11	24-Feb-11			completed	
BIO-15	Avoid construction in buffer zones established for active bird nests as determined and flagged by Bio	Tetra Tech	until fledged						
BIO-16	Submit a final Avian Protection Plan.	Tetra Tech	> 30d pt construction-related gd	17-Dec-10	12/6/2010 1/4/11			Approved 1/12/11	
BIO-16	Implement an Avian Protection Plan	Tetra Tech / Operations	Ongoing						
BIO-16	Report project-related bird deaths or injuries to agencies.	Tetra Tech	Ongoing						
BIO-16	Continue quarterly and annual reporting on APP until agencies determine not necessary.	Tetra Tech	Ongoing						
BIO-16	Submit report of study design and results after two years of data collection.	Tetra Tech	< 3yr after start of operation	14-Apr-16					
BIO-16	Submit quarterly monitoring reports of APP status. Follow up with an annual report (Jan 31).	Tetra Tech	Jan-31 Annually						
BIO-17	Submit a report of badger and kit fox survey results. Ph I	Tetra Tech	< 30d after survey complete	17-Feb-11	2/25/2011 3/28/11			comments received 3/14/11	
BIO-17	Submit a report of badger and kit fox survey results. Ph II	Tetra Tech	< 30d after survey complete	15-May-11	5-Apr-11			completed	
BIO-17	Perform pre-construction surveys for badger and kit fox dens. Ph	Tetra Tech	pt construction	15-Mar-11	Ongoing			completed	
BIO-18	If an active owl burrow is detected: Notify agencies that a	Tetra Tech	> 10d after survey complete	15-Apr-11	Survey is complete				
BIO-18	Submit results of monitoring and management of compensation lands.	Tetra Tech	Jan-31 Annually for first 5yrs of operations						
BIO-18	If an active owl burrow is detected: Provide a land management plan.	Tetra Tech	< 90d after acquisition						
BIO-18	Submit verification to agencies that compensation land or easements have been acquired.	Tetra Tech	< 18m after start of construction	9-Jul-12					
BIO-18	Submit burrowing owl compliance documentation in monthly compliance report.	Tetra Tech	Monthly						
BIO-18	If an active owl burrow is detected: Submit acquisition proposal and a PAR analysis.	Tetra Tech	> 90d pt acquisition						
BIO-18	Conduct pre-construction surveys for burrowing owls. Ph I	Tetra Tech	< 30d pt construction	16-Jan-11	Completed			Approved report 3/14/11	
BIO-18	Conduct pre-construction surveys for burrowing owls. Ph II	Tetra Tech	< 30d pt construction	6-May-11	28-Mar-11			completed	

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
BIO-18	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence has been installed. Phase I	Tetra Tech	> 10d pt construction-related gd	6-Jan-11	NA				
BIO-18	If an active owl burrow is detected: Establish Non-Disturbance Buffer Fencing (250 radius). Provide documentation that fence	Tetra Tech	> 10d pt construction-related gd	27-May-11	ongoing	1-May-12			
BIO-18	If an active owl burrow is detected: Provide land/mitigation	Tetra Tech	> 30d pt construction-related gd	17-Dec-10	23-Dec-10				
BIO-18	Submit a Construction Termination Report identifying status of owl mitigation.	Tetra Tech	< 30d Start of Operations	30-May-13					
BIO-18	If an active owl burrow is detected: Submit Burrowing Owl Relocation and Mitigation Plan.	Tetra Tech	< 30d after survey complete	17-Dec-10	11/26/2010 resubmitted 1/7/11			Approved 1/11/11	
BIO-19	Rare Plant Surveys - Submit drawings and plans with ESAs and Section A Measures.	Tetra Tech	> 30d pt gd	17-Dec-10	3-Jan-11			Approved 1/12/11	
BIO-19	If a Distribution Study is implemented as contingency mitigation, complete implementation within 2yrs of start of construction.	Tetra Tech	< 24m after start of construction	5-Jan-13					
BIO-19	If a Distribution Study is implemented as contingency mitigation, initiate study within 6 months from the start of construction.	Tetra Tech	< 6m after start of construction	15-Jul-11					
BIO-19	If compensatory mitigation is required, post Security for acquisition and enhancement funds.	NextEra	> 30d pt gd	17-Dec-10	NA			NA	No compensatory mitigation required.
BIO-19	Rare Plant Surveys - Submit data, field forms and summary of results.	Tetra Tech	< 2w after survey complete		22-Oct-10			Approved 11/2/2010	
BIO-19	Habitat Enhancement: Submit Security adequate for long-term implementation and monitoring of the Habitat Enhancement /	Tetra Tech							
BIO-19	Rare Plant Surveys - Submit the Final Summer-Fall Botanical Survey Report.	Tetra Tech	> 30d pt gd	17-Dec-10	N/A			NA	N/A - no rare plants were found during fall surveys. Letter to CEC sent on 10/22 satisfied this requirement
BIO-19	Habitat Enhancement: If proposed, secure approval of a Habitat Enhancement/Restoration Plan.	Tetra Tech	< 6m after start of construction	15-Jul-11					
BIO-19	Rare Plant Surveys - Submit draft Special-Status Plant Mitigation Plan.	Tetra Tech	> 30d pt gd	17-Dec-10	N/A			NA	Not required since no rare plants were found during fall surveys
BIO-19	Notify agencies immediately if a State- or Federal-Listed Species, or BLM Sensitive Species is identified at any time	Tetra Tech							
BIO-19	Compensatory Mitigation: Deposit the required funds and submit verification of deposit.	NextEra	> 30d after acquisition						
BIO-19	Status and Distribution: Post funds for selected mitigation.	NextEra	< 18m after start of gd	9-Jul-12					
BIO-19	Compensatory Mitigation: Submit a formal acquisition proposal and draft Management Plan.	Tetra Tech	> 90d pt acquisition						
BIO-19	Submit compliance documentation of special-status plant avoidance and minimization measures in the Monthly	Tetra Tech	Monthly	Monthly	n/a				
BIO-19	Compensatory Mitigation: Complete acquisition and submit verification.	Tetra Tech	< 18 m after start of gd	9-Jul-12					
BIO-19	Habitat Enhancement: initiate activities > 12m from the start of construction.	Tetra Tech	< 12m after start of construction	12-Jan-12					
BIO-19	Compensatory Mitigation: Submit any agreements with an approved, delegated third party.	Tetra Tech	> 90d pt acquisition						
BIO-19	Status and Distribution: If selected, initiate study <6m after gd.	Tetra Tech	< 180d after gd	15-Jul-11					
BIO-19	Status and Distribution: Iif selected, submit draft and final study study within 24m and 30m after gd, respectively.	Tetra Tech	< 24m after start of gd	5-Jan-13					
BIO-19-A	Select, install and maintain ECDs such that special-status plants are not directly or indirectly affected (seed mixes, hay, runoff).	Fluor	Ongoing						
BIO-19-A	Assign a Designated Botanist.	Tetra Tech	none	none	9/27/2010 2/8/11			Approved 10/15/10	
BIO-19-A	Include Special-Status Plant discussion in the Worker Environmental Awareness Program (WEAP).	Tetra Tech		17-Dec-10	12/5/2010 resubmitted 1/14/11			Approved 1/14/11	
BIO-19-A	Establish and mark boundaries for ESAs PT start of any ground- or vegetation-disturbing activities.	Tetra Tech	pt gd	16-Jan-11	completed			NA	

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BIO-19-A	Designated Botanist: monitor disturbance acitivites weekly.	Tetra Tech	Weekly	17-Jan-11					
BIO-19-A	Incorporate site design modifications to minimize impacts to special-status plants along the Project linears.	Fluor							
BIO-19-A	Des Bio: Protect special-status plant species within 100ft of Project Boundaries during operations.	Tetra Tech	Ongoing						
BIO-19-A	Maintain a 100-ft buffer around ESAs. (vehicles, wash stations, storage, equipment, etc)	Fluor	Ongoing						
BIO-19-A	Protect special-status plants within 100ft of site boundaries from drift of herbicides and stabilizer.	Fluor / Operations	Ongoing						
BIO-19-B	If a special-status plant is found, record extent of population using GPS. Assess the extent of the species (qualitatively) within	Tetra Tech	pt construction	16-Jan-11	NA			NA	
BIO-19-B	Prior to the start of surveys, all crew members must visit reference sites (where available)	Tetra Tech	pt plant survey		completed				
BIO-19-C	Collect seeds from affected Special-Status Plants and arrange for long-term storage prior to construction.	Tetra Tech	pt construction	16-Jan-11	NA			NA	
BIO-19-C	Special-status plants: CNDDB Rank plants -If detected within the Project Disturbance Area, prepare and implement a	Tetra Tech	n/a	n/a	NA			NA	Surveys completed. No rare plants found. COC not applicable.
BIO-20	Post security for acquisitions and enhancement of MFTL habitat.	NextEra	> 30d pt construction-related gd	17-Dec-10	23-Dec-10			1/4/2011	
BIO-20	Submit a MFTL Compensation Land Management Plan and associated funding.	Tetra Tech	< 180d after acquisition						
BIO-20	Submit final accounting of MFTL habitat disturbed during construction within 90d of construction completion.	Tetra Tech	< 90d after start of operation	29-Jul-13					
BIO-20	Submit a formal acquisition proposal and PAR analysis.	Tetra Tech	> 90d pt acquisition						
BIO-20	Complete MFTL compensation land acquisition and submit verification.	Tetra Tech	< 18m after start of construction	9-Jul-12					
BIO-20	Provide funding for MFTL compensation lands OR deposit funds into NFWF's REAT Account	NextEra							
BIO-21	Report any dead wildlife to Des Bio <24hrs. Des Bio must report to agencies 48hrs	Tetra Tech / Operations	< 1d of detection						
BIO-21	If no entanglements are detected after 12 months, continue to monitor quarterly	Tetra Tech	quarterly	Quarterly					
BIO-21	Submit quarterly reports to agencies for first year of operation. Thereafter, submit reports annually.	Tetra Tech	quarterly	Quarterly					
BIO-21	If after 12 quarterly inspections there are no entanglements, continue biannually (spring, fall).	Tetra Tech	biannually						
BIO-21	Submit annual reports no later than January 31 of each year.	Tetra Tech	Jan-31 Annually						
BIO-21	Netting cannot touch the water in evap ponds.	Operations	Ongoing						
BIO-21	Consult with agency regarding removal of injured wildlife in evap ponds.	Tetra Tech	Ongoing						
BIO-21	Install a visual deterrent in addition to the mesh cover.	Fluor							
BIO-21	Submit as-built drawings and photos of evap ponds	Fluor	> 30d pt operation	31-Mar-13					
BIO-21	Des Bio or Monitor must inspect netting monthly during operation.	Tetra Tech	monthly	Monthly					
BIO-22	Submit a draft Management Plan for the drainages on the acquired compensation lands.	Tetra Tech / Fluor	< 180d after acquisition						
BIO-22	Provide a copy of Condition of Certification BIO-22 to allr on-site personnel (detailing Stop Work Authorities).	Tetra Tech / Fluor	Ongoing						
BIO-22	Notify agencies prior to disturbance and completion of work in jurisdictional waters.	Tetra Tech / Fluor	> 5d pt construction-related gd in state waters	10-Jan-11	3-Jan-11			NA	
BIO-22	Include a discussion of work in waters of the state in Annual Compliance Reports.	Tetra Tech / Fluor	Annually	Annual					
BIO-22	Include a discussion of work in waters of the state in Monthly Compliance Reports.	Tetra Tech / Fluor	Monthly	Monthly					
BIO-22	Submit a final accounting of disturbance to jurisdictional waters during construction.	Tetra Tech / Fluor	< 90d after start of operation	29-Jul-13					
BIO-22	Transfer fee title or submit a conservation easement for compensation lands.	Tetra Tech / Fluor							

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
BIO-22	Provide verification of Security 30d pt CR gd.	NextEra	> 30d pt construction-related gd	17-Dec-10	23-Dec-10			1/4/2011	
BIO-22	Drainage BMPs: Minimize road building, construction activities and vegetation	Fluor	Ongoing						
BIO-22	Provide written verification (i.e., through incorporation into the BRMIMP) to the CPM that BMPs shall be implemented.	Tetra Tech	> 30d pt construction-related gd in state waters	11-Jan-11	23-Nov-10			NA	
BIO-22	Submit a report of monitoring and management of compensation lands.	Tetra Tech	Jan-31 Annually						
BIO-22	Submit verification of acquisition.	Tetra Tech / Fluor	< 18m after start of construction	9-Jul-12					
BIO-22	Include a copy of the notifying change of conditions report in the annual reports.	Tetra Tech / Fluor	Annually						
BIO-22	Notify agencies of any change of conditions to the Project (site conditions, impacts, mitigation).	Tetra Tech / Fluor	< 7d upon discovery						
BIO-22	Include a copy of the notifying change of conditions report in the annual reports.	Tetra Tech / Fluor	Annually						
BIO-23	Post security for Decommissioning and Closure Plan.	NextEra	> 10d pt construction-related gd	6-Jan-11	4-Jan-11			Approved 1/11/11	
BIO-23	Revise and submit Decommissioning and Closure Plan every 5yrs during operations.	Operations	every 5yrs						
BIO-23	Implement a final Decommissioning and Closure Plan.	Operations	Project closure						
BIO-23	Submit a draft Decommissioning and Closure Plan.	Worley Parsons	> 30d pt construction-related gd	17-Dec-10	25-Aug-10			Approved 10/15/2010	
BIO-24	Submit status report of Reveg Plan yearly.	Tetra Tech	Jan-31 Annually						
BIO-24	Implement Revegetation Plan.	Fluor	Ongoing						
BIO-24	Submit to the CPM a final agency-approved Revegetation Plan.	Tetra Tech	> 30d pt construction-related gd	17-Dec-10	8/25/2010 resubmitted 12/20/10			Approved 1/12/11	
BIO-24	Provide compliance documentation and status of completion of the Reveg Plan.	Tetra Tech	< 30d after construction completion	30-Jul-14					
BIO-25	DELETED								
BIO-26	DELETED								
BIO-27	Conduct Spadefoot Toad surveys. Submit findings	Tetra Tech	Oct-10	30-Oct-10	25-Oct-10			NA	
BIO-27	If ponds are created, submit compliance documentation yearly.	Tetra Tech	Jan-31 Annually		n/a				
BIO-27	If ponds are created, provide as-built drawings and photos.	Tetra Tech	> 90d pt operation	30-Jan-13	n/a				
BIO-27	Submit a final CST Protection and Mitigation Plan.	Tetra Tech	> 30d pt construction-related gd	17-Dec-10	11/20/2010 resubmitted 1/5/11			Approved 1/11/11	
BIO-27	Implement a CST Protection and Mitigation Plan.	Tetra Tech	Ongoing						
BIO-28	If a nest is found, notify agencies submit final Golden Eagle Monitoring and Management Plan.	Tetra Tech	< 30d after detection						
BIO-28	Survey for golden eagle annually during construction.	Tetra Tech	Annually						
BIO-28	Submit results of eagle inventory.	Tetra Tech	< 30d of survey completion	30-Jun-11					
BIO-29	Notify CEC if an in-lieu fee is preferred for bio mitigation.	NextEra	pt construction-related gd	16-Jan-11	23-Dec-10			NA	
CUL-1	Submit notice of fund transfer.	NextEra	< 10d of transfer		27-Sep-10			Approved 10/15/10	
CUL-1	Contribute funds for the PTNCL Documentation and Possible NRHP Nomination program.	NextEra	upon receipt of invoice		27-Sep-10			Approved 10/15/10	
CUL-2	Submit notice of fund transfer.	NextEra	< 10d of transfer		27-Sep-10			Approved 10/15/10	

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
CUL-2	Contribute funds for the Documentation and Possible NRHP Nomination program (DTCCL)	NextEra	upon receipt of invoice		27-Sep-10			Approved 10/15/10	
CUL-3	Assign a cultural resource specialist (CRS).	Tetra Tech	pt site mobilization	16-Jan-11	26-Aug-10			Approved 10/18/10	
CUL-3	Submit resume of CRS replacement (if necessary).	Tetra Tech	10d pt CRS departure						
CUL-3	Obtain services of a specialist backhoe operator during excavation of CA-Riv-9072	Tetra Tech	NA	NA	NA			NA	
CUL-3	CRS to oversee all cultural resources mitigation, monitoring, curation, and reporting activities	Tetra Tech	Ongoing						
CUL-3	Submit resumes for a CRS, alternate CRS (optional), prehistoric	Tetra Tech	> 75d pt gd	2-Nov-10	26-Aug-10			CRS, Approved 10/18/10	
CUL-3	Submit letter with names and quals of *additional* CR Monitors.	Tetra Tech	5d pt arrival on site	as needed	30-Mar-11			on going	
CUL-4	If phased construction schedule changes, submit notice of	Tetra Tech	< 5d of decision	as needed				on going	
CUL-4	If construction is phased, submit maps and drawings. Provide	Tetra Tech	15d pt start of each phase	21-May-11				completed	
CUL-4	Submit any changes in footprint.	Tetra Tech	15d pt gd	1-Jan-11	1/4/2011 3/18/11			Approved 3/30/11	
CUL-5	Submit the CRMMP.	Tetra Tech	> 30d pt gd	1-Mar-11	3/1/2011 4/4/11			Approved 5/1/2011	
CUL-8	Submit statement daily during gd if "no cultural resources over 50	Tetra Tech	daily	17-Jan-11	Ongoing				
CUL-10	Notify CPM that data recovery for small site has begun.Phase II	Tetra Tech	> 15d pt data recovery	10-Mar-11	9-Mar-11			3/28/2011	
CUL-10	Notify CPM when data recovery is complete. Phase II	Tetra Tech	< 1W of data recovery completion	30-Mar-11	Approved 8/22/2011			completed	
CUL-11	Submit letter report of data recovery. Phase II	Tetra Tech	< 1W of data recovery completion	30-Mar-11	Approved 8/22/2011			completed	
CUL-12	Notify CMP of collection at CA-Riv-9072 is complete and PRIOR	Tetra Tech	< 7d pt gd at site	30-May-11	site is not being			N/A	
CUL-12	Submit a preliminary letter report detailing finds at CA-Riv-9072.	Tetra Tech			30-Jul-11			Approved 8/22/2011	
CUL-13	Flag buffer zone around sites CA-Riv-0260, CA-Riv-0663, and	Fluor	pt gd at site	5-Jun-11				Approved 8/22/2011	
CUL-16	Documentation that security gate/guard is in place.	Fluor	pt grading	5-Jun-11	1-Jun-11			Approved 9/9/2011	
CUL-17	Notify CPM that historic-period site mapping and in-field artifact	Tetra Tech	> 15d pt gd within 30m of site		9-Mar-11			3/28/2011	
HAZ-2	Submit a final Hazardous Materials Business Plan.	Fluor	> 60d pt receipt of hazmat	1-Apr-11	2-Dec-10				assumed receipt June 2
HAZ-2	Submit a final Spill Prevention, Control, and Countermeasure	Fluor	> 60d pt receipt of hazmat	1-Apr-11					assumed receipt June 2
HAZ-2	Submit a final Process Safety Management Plan.	Fluor	> 60d pt receipt of hazmat	1-Apr-11					assumed receipt June 2
HAZ-3	Submit a Safety Management Plan.	Fluor	> 60d pt receipt of hazmat	1-Apr-11					assumed receipt June 2
Soil & Water-1	Submit final Drainage Erosion and Sedimentation Control Plan.	Fluor	> 30d pt site mobilization	7-May-11	Prelim 3/9/11 Draft 3/22/11			7/22/2011	
Soil & Water-2	Collect water from wells, seeps and springs quarterly and at the	Worley Parsons	< 30d following quarter end	30-Apr-11	1st quarterly performed and				
Soil & Water-4	Submit a copy of County concurrence that the proposed well	Fluor	> 30d pt construction of GW well	6-May-11	7-Jul-11			Approved 8/15/2011	
Soil & Water-4	Submit to CPM a copy of the water well construction packet	Fluor	> 60d pt construction of GW well	6-Apr-11	31-Mar-11			Submitted, no approval	
Soil & Water-8	Submit a Revised Project Drainage Report with the 30 percent	Fluor	> 60d pt site mobilization (plant)	7-May-11	Prelim 3/9/11 Draft 3/22/11				
Soil & Water-9	Submit a detailed FLO-2D analysis with the 30 percent Grading	Fluor	> 60d pt site mobilization (plant)	7-May-11	Prelim 3/9/11 Draft 3/22/11				
Soil & Water-10	Submit two copies of the 30 percent channel design drawings.	Fluor	> 60d pt site mobilization (plant)	7-May-11	Prelim 3/9/11				
Soil & Water-11	Incorporate channel erosion protection methods (except "I") in	Fluor	> 60d pt site mobilization (plant)	6-Apr-11	Prelim 3/9/11				
Soil & Water-12	Obtain a permit to operate a non-transient, non-community water system with the County.	Fluor	> 60d pt operation	1-Mar-13					
Soil & Water-13	Submit two copies a Channel Maintenance Program.	Fluor	> 60d pt start of project related activity	6-Apr-11	20-Jan-10			NA	
Soil & Water-13	Submit written commitment to adopt and implement the Program.	Fluor	> 60d pt start of project related activity	6-Apr-11	28-Jul-11			NA	
Soil & Water-19	Submit a report detailing results of the PVMGB underflow	Worley Parsons	< 30d pt site mobilization	15-Mar-11	19-Mar-11				
TRANS-1	Submit a Traffic Control Plan plus a copy of the transmittal letter	Fluor	> 60d pt gd	6-Apr-11	1-Jul-11				Is this needed for Ph II ?
TRANS-2	Obtain necessary overweight/oversized and other transportation	Fluor	pt site mobilization	5-Jun-11					
TRANS-4	Obtain necessary hazardous material transport permits from	Fluor	pt gd	5-Jun-11					
VIS-2	Consult with CPM regarding documentation required in the	Fluor	> 30d pt ordering temp lighting	6-May-11					
Worker Safety-6	Submit to the RCFD and CPM preliminary plans of location and	Fluor	> 60d pt site mobilization (plant)	6-Apr-11					
Worker Safety-6	Submit revised and final plans for second access gate. Include	Fluor	> 30d pt site mobilization (plant)	6-May-11					
GEN-6	Submit resumes of special inspector(s).	Fluor	> 15d pt activity		25-Feb-11			approved by CBO 1/25/11	

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
CIVIL-1	Submit to the CBO: (PH II)	Fluor	> 15d pt grading	21-May-11					
STRUC-1	Submit to CBO final structural design plans. Submit a copy of	Fluor	> 60d pt start of construction listed GEN-2	6-Apr-11					
ELEC-1	Submit to the CBO the final plant design plans and a	Fluor	> 30d pt start of each increment of construction	6-May-11					
ELEC-1	At least 30d pt the start of each increment of electrical	Fluor	> 30d pt start of each increment of construction	6-May-11					
PAL-1	Submit resume of Paleo Resource Monitors.	Tetra Tech	> 20d pt gd	16-May-11	Ongoing				NA to phase I. May need for Phase II
PAL-2	If construction proceeds in phases, submit maps and drawings.	Tetra Tech	pt start of each increment of construction	5-Jun-11	4-Jan-11			NA	
PAL-2	Submit schedule of construction phases before work commences	Fluor	pt start of const on affected power plants	5-Jun-11	4-Jan-11			NA	
PAL-2	If the footprint of the project or its linear facilities change, provide	Fluor	> 15d pt gd	1-Jan-11	1/4/2011 3/8/11			Approved 3/17/11	

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

Genesis Solar Energy Project

Master Equipment List

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Drive Engine	CAT C7 Acert	148483	8/31/2013					SouthWest Drilling		(Recorded 9/20/2011)	10/1/2011	Removed from site.
Drive Engine	CAT C7 Acert	148484	8/31/2013					SouthWest Drilling		(Recorded 9/20/2011)	10/1/2011	Removed from site.
Air Compressor	Atlas Copco	152484	8/31/2013	JPEC-0005				SouthWest Drilling	CAT/Johnson Power System	(Recorded 9/20/2011)		Removed from site.
Man Lift	Snorkel-TB60	LS7A56		60003	2000	56	II	McCarthy	Pacific High Reach	(Recorded 9/20/2011)		Removed from site.
Forklift	JLG-8042	LC3C77		509-859962	2006	110	II	McCarthy	United Rentals	(Recorded 9/20/2011)		Removed from site.
Telehandler	Dynalift DL-10455	KH9P57		697489	2006	99	II	McCarthy		(Recorded 9/20/2011)		Removed from site.
Engine	DDC Diesel	130415	3/31/2014					SouthWest Drilling	ARB Portable Equipment	(Recorded 9/20/2011)	10/1/2011	Removed from site.
Sweeper	Broce Broom	VH3U58		807664	2010	84	III	Sukut	RSC	(Recorded 9/20/2011)		
834B Dozer	Caterpillar	CS8P98		34-07	2007	475	III	Sukut		9/19/2011		
Forklift		No Tag						Prefab Builders (Pacific)		(Recorded 9/20/2011)	10/1/2011	Removed from site.
Man Lift	JLG	No Tag						Prefab Builders (Pacific)		(Recorded 9/20/2011)	10/1/2011	Removed from site.
824C Dozer	Caterpillar	YA9K67		24-12	2007	354	III	Sukut		9/29/2011		
Motor Grader	Caterpillar -16G	SC5M77		2801-16	2009	297	III	Sukut	NA	10/6/2011		
Scraper	Caterpillar	PC8Y97 / HB3G78		57-21	2007	600	III	Sukut		(Recorded 9/20/2011)		
Backhoe	CAT 692	KK7C43		430-D				SouthWest Drilling		(Recorded 9/20/2011)		Removed from site.
Grader	Caterpillar -140H	UN7F66		4068				Sukut	Ecco	(Recorded 9/20/2011)	9/23/2011	Removed from site.
Scraper	Caterpillar	TH4G47 / UK3K99		57-22	2010	440	III	Sukut		9/28/2011		
Scraper	Caterpillar	XK3J33 / GP8T95		57-60	2007	440	III	Sukut		9/28/2011		
Scraper	Caterpillar	DF9C83 / DG6M34		57-66	2006	600	III	Sukut		9/28/2011		
Scraper	Caterpillar	VT6M63 / FJ6T95		57-63	2006	440	III	Sukut		9/29/2011		
Scraper	Caterpillar	RX8U86 / NP6Y75		57-33	2007	440	III	Sukut		9/29/2011		
Scraper	Caterpillar	AF3R99 / AN5G44		57-28	2010	440	III	Sukut		9/30/2011		
Scraper	Caterpillar	CW5Y75 / GJ9T48		57-29	2010	440	III	Sukut		10/4/2011		
Scraper	Caterpillar	KG5B54 / SG3N43		57-74	2010	440	III	Sukut		10/4/2011		
Water Wagon	Caterpillar	CF4M43		51-83	2006	540	III	Sukut		9/29/2011		
Forklift	GEHL Dyna	KH9P57			2006	99	III	Sukut		9/19/2011		
Skiploader	John Deere	NA						Sukut		9/19/2011	9/28/2011	Used less than 10 days onsite.
Scraper	Caterpillar	XE5H67			1985	350	III	Sukut		9/28/2011		
Motor Grader 16G	Caterpillar	HK8W79			2009	298	III	Sukut		9/19/2011		
D9T Dozer	Caterpillar	EV5K99		90-34	2005	410	III	Sukut		9/28/2011		
414E Skip Loader	Caterpillar	CL7M35			2007	78	III	Sukut		9/27/2011		
Generator	MQ Power Whisper Watt 70			Serial# 7351163	Oct-00	85	III	MCI		10/1/2011		
Generator	Atlas Copco QAS-30			645888				Sukut	RSC	(Recorded 9/20/2011)		Removed from site
Generator	Airman -SDG60S	1473A20166		689				SouthWest Drilling		(Recorded 9/20/2011)		Removed from site
Generator	Kohler	138194	5/31/2013	403015		99	III	Sukut	Kohler Rental	(Recorded 9/20/2011)		WI Lic. Plate 555501
Generator	MQ Power	147014	3/31/2012	1101821				SouthWest Drilling	United Rentals	(Recorded 9/20/2011)		Removed from site
Generator		148485	8/31/2013					SouthWest Drilling		(Recorded 9/20/2011)		removed from site
Light Tower	model AL 4000			9706-41430	Oct-97	15		MCI		10/1/2011		
Light tower	Genie TML-4000N			TML08-934	8/7/2008	14.3		MCI		10/3/2011		

Yellow = equipment no longer on site.

Genesis Solar Energy Project

Master Equipment List

Equipment Type	Brand /Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Light tower	Amida AL 4000			9706-41434	4/3/1997	15		MCI		10/3/2011		
Light tower	Genie TML-4000N			TML08-939	8/11/2008	14.3		MCI		10/3/2011		
Light tower	Genie TML-4000N			TML0TML05-1203	6/2/2005	14.3		MCI		10/3/2011		
Forklift	Skytrax	eu8d48		160027197	2006	82	2	BPC	ARB	12/1/2011		
SCE Trucks	International	1hsmtaanx2h		416035	2006	245		BPC	ARB	1/1/1900		
SCE Trucks	International	1hsmtaanx2h			2007	245		BPC	ARB	1/3/2012		
Welding Machine	Miller			mb36032sh	2011	23		BPC	US Rental	12/9/2011		
Pick up Truck	Ford F150				2011			BPC	ARB	12/5/2011		
Pick up Truck	Ford F150				2011			BPC	ARB	12/12/2011		
Pick up Truck	Ford F250				2011			BPC	ARB	1/3/2012		
2ft Truss Boom								BPC	ARB	12/1/2011		

Genesis Solar Energy Project
Largo Concrete Inc. Over 50hp Diesel Equipment List

Equipment Type	Brand/Model	DOORS Registration Number	CA ARB Registration Number	Expiration Date	Vehicle Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demob. Date	Notes
Telehandler	JLG 10k		MK3P69	n/a	160032431	2007	75-130kw	3	Largo Concrete	RSC	11/21/11		
Telehandler	Gehl		YE5K34		RS842JZ0616921	2007		3	Largo Concrete	RSC	12/5/11		
Telehandler	JLG		MR4F99		160040774	2010		3	Largo Concrete	RSC	12/5/11	1/6/12	
Telehandler	Skytrak		TK5B38		160029782	2007		3	Largo Concrete	RSC	12/15/11		
Skiploader	JD 210LJ		866995		1T0210LJEA089404			3	Largo Concrete	RSC	12/27/11		
Skiploader	JD 210L J		813309		1T0210LJEA0890262	2010		3	Largo Concrete	RSC	12/5/11		
5 Yd Dump Truck	Ford F750	n/a	n/a		3FRPF7FA8BV587129				Largo Concrete	RSC	12/5/11		
5 Yd Dump Truck	Ford F750	n/a	n/a		518250				Largo Concrete	RSC			
5 Yd Dump Truck	Ford F650		n/a		3FRNF65E36V387951	2006		3	Largo Concrete	RSC	12/27/11		
2000 gal water truck					FRXF75E66V384394				Largo Concrete	RSC	12/5/11		
2000 gal water truck					FRXF7FAA1BV587134	2011			Largo Concrete	RSC	12/5/11		
3 Yard Loader	Deer 544-K		VL6L84		1DW544KZTA0628594	2010	114 KW		Largo Concrete	RSC	1/10/12		
Tractor Loader	Deere 210LJ				1T0210LJVB0890404				Largo Concrete	RSC	12/27/11		
Service Truck-SV127	Ford F550		n/a		1FDAF56P27EA37256	2000	235		Anderson	n/a			
Service Truck - SV 081	Ford F550		n/a		1FDAF56F2YEA36939	2004	215		Anderson	n/a			
Service Truck - SV 111	Ford F550		n/a		1FDAF56P34EH22051	2007	235		Anderson	n/a			

Appendix B

Biological Reports

BIO-8: Impact Avoidance and Minimization Measures

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/01/11

Monitor: Thomas Darden, Donna Germann BM
Weather Con: mstly cldy,gale force winds a.m.
High Temp.: 57 pm. Low Temp.: 57am

Start Time: 0530hr Stop Time: 1252hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0528hr and do ATV walk around and then move to Common Area for Sukut JHA Safety meeting. DB/BM move to Common Area for heavy equipment familiarization safety meeting. Sukut not grading today and no regular JHA safety meeting due to gale force winds. DB/BM then move to conduct clearance surveys for electrical power pole placement from #197 down to #151 inside the solar field. Clean out sand blown tortoise trap at solar field entrance. Check on Access Rd dens. DB moves to check water use meters and BM to conduct perimeter exclusion fence check. DB conducts Den Obs and switch out remote camera mem cards. Ponding water at Well Pad 1 south fill station observed when checking meter as shown below. No leaks apparent. Discuss with Sukut Foreman the 300ft buffer expansion for Dens 18,19. DB will alert operators during morning meeting when they return tomorrow. Complete check of off-site dens. Clean out tortoise trap again from windblown sand. Release BM and depart solar field gate for office clerical work at 1252hr.

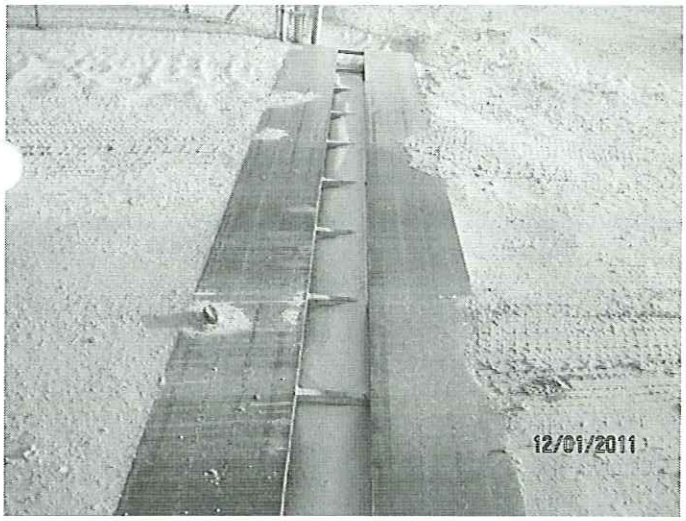
Front Well - 78762; Well 0 – , 31599; Well 1 – , 41393; Well 2 – , 23 (currently still not operating);
Den 17a,b – , no activity; Den 18 – , no activity; Den 19 – , no activity

Monitor Checklist

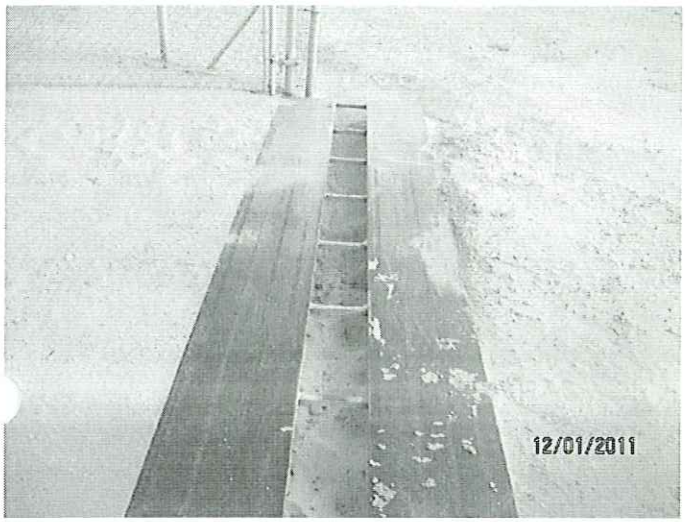
General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?			X	
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed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

Additional Notes:

*



12-01-11, Exclusion Fence Tort Trap sand blown



12-01-11, Exclusion fence tortoise trap repaired

12-01-11, Ponded water Well Pad 1 a.m.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/02/11

Monitor: Thomas Darden
Weather Conditions: cldy, N winds a.m.
High Temp.: 57 pm. Low Temp.: 48am

Start Time: 0530hr Stop Time: 1325hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0530hr and do ATV walk around and then move to Sukut trailer for JHA Safety meeting. No Bio Monitor today. DB announces to group of the Den 18,19 buffer expansion from 75ft to 300ft and their locations in Block 8. Also mentioned some of the haul roads they were using are now in the buffer and cannot use. Alert the operators if they see a dead animal anywhere to radio in so the DB can be contacted to collect and evaluate. After meeting DB conducts Den Obs 17,18,19 and switches out remote camera mem cards. DB does PB1 off-site Den Obs. Due to overnight rains, DB conducts 100% exclusion fence perimeter check and cleans out exclusion fence tortoise trap at solar field gate. Complete check of off-site dens in linear corridor. DB called about a fluid leak on a Scrapper. DB arrives and scrapper 728 had blown out a hydraulic hose O-ring cause a fugitive fluid leak spilling approximately 5 gallons. When DB arrived, mechanic had drip pans in place and one spill kit down which wasn't sufficient. DB threw down his spill kit as well. DB contacted Com Monitor for spill reporting. After repairs completed DB monitors proper spill cleanup (shown below) and then departs for ATV fuel and office clerical work at 1325hr.

Front Well - 78762; Well 0 – am, 31599 (no inactive); Well 1 – am, 41784; Well 2 – pm, 23 (being reactivated);
Den 17a,b – , no activity; Den 18 – , no activity; Den 19 – , no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% check, clean out tortoise trap
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered singles & doubles flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

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12-02-11, Scrapper 728 O-ring burst leak

12-02-11, Scrapper 728 O-ring burst leak

12-02-11, Scrapper 728 O-ring burst spill cleaned up

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/03/11

Monitor: Thomas Darden
Veather Conditions: ptly cldy, gusty N winds a.m
High Temp.: 55 mid-morn Low Temp.: 37am

Start Time: 0530hr Stop Time: 0935hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0530hr and do ATV walk around and then move to Well Pad 1 area for Sukut JHA Safety meeting. At meeting mention again to operators that some of the haul roads coming off Block 7 down to Block 8 have been cut off due to expanding the Den buffer radius. Grading Straw alerts the operators he will guide them first pass where to go and where to build the new ramp to get off Block 7 to 8. Today cut resumed in Block 6 but fill still in Block 8. After meeting DB conducts Den Obs for 17, 18, and 19 and then switches out remote cam memory cards. Check den buffer integrity. Get Well Pad water meter use readings. Well Pad 0 inactive now and Well Pad 2 preparing to come back on line. Water tower for Pad 2 fill station now up and in place. No rip rap down so ponding become an issue. Conduct Den Obs for Access Rd dens. DB conducts final clearance surveys for power pole placement in solar fields from Pole 197 to Pole 225 terminating at Trailer City. Conduct Den Obs for off-site dens PB1. Discover new active off-site den not far from existing active off-site den. Complete BP1 off-site Den Obs and depart for office clerical duties at 0925hr.

Front Well - 78762; Well 0 – am, 31599 (now inactive); Well 1 – am, 42469; Well 2 – pm, 23 (being reactivated);
Den 17a,b – , no activity; Den 18 – , no activity; Den 19 – , no activity

Monitor Checklist

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

Additional Notes:

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Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/05/11

Monitor: Thomas Darden, Mike Ireland BM
Weather Conditions: clr, gusty N winds a.m
High Temp.: 59 pm Low Temp.: 34am

Start Time: 0530hr Stop Time: 1422hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0525hr. Do ATV walk around and move to Well Pad 1 area for morning Sukut JHA safety meeting. Meeting was postponed until 0700hr so only the monitors were present as none were notified. After meeting DB moves to conduct Den Obs and switch out remote cam mem cards Den 17,18,19. DB conducts 100% tortoise exclusion perimeter fence check. Intact. Conduct Den Obs on Access Rd off-site dens. Clean tortoise trap at solar field gate due to the high winds and blowing sand. Monitor cut work at Channel BC. Move to get water use well readings. Conduct Den Obs for solar field off-site dens. Take kit fox conference call followed by call with CDFG DVM. Clean tortoise trap at solar field gate again as wind still gale force blowing sand. Depart solar field gate for office clerical work at 1422hr.

Front Well - 78762; Well 0 – am, 31599 (now inactive); Well 1 – am, 42469; Well 2 – am, 099 (reactivated today);
Den 17a,b – , no activity; Den 18 – , no activity; Den 19 – , no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		some litter due to high winds
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments** Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter check, intact
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered singles/doubles flying about PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:
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Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/06/11

Monitor: Thomas Darden, Mike Ireland BM
Weather Conditions: clr, gusty N winds a.m
High Temp.: n/a Low Temp.: 28 am

Start Time: 0545hr Stop Time: 1545hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0545hr and do ATV walk around. Move to Well Pad 1 area for Sukut JHA safety meeting. Prior to meeting DB alerted by laborers a sick fox was over by the water truck fill station. DB finds fox at 0610hr and photo documents. Fox stays ambulatory until 0717hr when the DB is able to capture it. DB/BM then place the fox in a carrier and DB departs giving instructions to BM remaining on-site for monitoring. DB per recent protocol takes the sick but alive fox to the Living Desert Vet Hospital facility. In route DB receives two calls alerting of spills. Once at the Living Desert facility the kit fox is still alive but apparently comatose and blood samples are taken prior to euthanasia as it was too far gone to save. Per Protocol, the DB then proceeds to transport the specimen to the UC Davis Lab in San Bernardino for necropsy. DB arrives back in Blythe at 1605hr.

The Wildlife Incident Form and Photos follow

Front Well - 78762; Well 0 – am, 31599 (now inactive); Well 1 – am, ; Well 2 – am, (reactivated today);
Den 17a,b – , ; Den 18 – , ; Den 19 – ,

Monitor Checklist

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

Additional Notes:

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Genesis Solar Energy Project
Construction Wildlife Incident Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 12/06/12, 0610hr Observer: Thomas Darden, Designated Biologist (DB)
Type of Incident (circle one): Injury / Fatality / Nest (sick)
Cause of Death: found sick, euthanized under Vet supervison 2½hr later.
Condition (circle one): (Intact Carcass) / Dismembered Carcass / Feathers Only
Photo No. follow electronically.
Carcass Condition Details, Behavior of Injured Animal, or Nest Details:
When first observed, in state of malaise but still alert and ambulatory. Gradually drifted to state of incoordination and severe lethargy. Some nasal discharge with fluid clear.

LOCATION

DATUM: 11S
UTM E: 0684670 UTM N: 3727403
Location Details (microhabitat, etc.):
This was at a staging area where the fox sought refuge under several large tires leaned against one another. The fox was .21mi. from nearest Den site with no wild lands between.

IDENTIFICATION

Bird / Bat / Unknown / (Other) (circle one)
Species (if unknown, write 'unknown'): Desert Kit Fox
Sex (circle one) (Male) / Female / Unknown
Age (circle one): Adult / Juvenile / (Unknown)
Is Animal Tagged? (circle one): Yes / (No)
Identification Remarks: Once so lethargic enough it was unable to flee, the DB was able to gently grasp and place in transport carrier with no resistance. No coughing or wheezing observed. No convulsions or seizures/ onset.

ENVIRONMENTAL CONDITIONS

Weather (circle one): (Clear) / Fog / Cloudy / Rain
Approx. Temperature (circle one) (°F) / °C: 28
Wind (circle one): Calm / (Gusty) / Storm / Violent Storm
Habitat (circle all that apply):
(Bare Ground) / Creosote Bush Scrub / Sand Dune or Sand Sheet /
(Denuded-graded) Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): Taken to Living Desert Hospital facility. Captured 0717hr, arrived 0940hr with animal alive but apparently comatose. Blood drawn, then euthanized. Taken then to UC Davis San Bernardino Lab for necropsy under direction of Dr. Deana Clifford DVM and Mark Massar BLM Biologist.

12-06-11, 0610hr sick fox alert running to Port a John

12-06-11, 0611hr sick fox ran back to tires still alert

12-06-11, 0622hr sick fox beginning to wane

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/07/11

Monitor: Thomas Darden, Mike Ireland BM
Weather Conditions: clr, calm a.m
High Temp.: 61 pm Low Temp.: 26am

Start Time: 0545hr Stop Time: 1700hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0543hr. Do ATV walk around and move to Well Pad 1 area for morning Sukut JHA safety meeting. After meeting is over, the DB dispatches BM to monitor power pole lay down in linear corridor per BIO-8, BMP 4. DB then begins foot clearance surveys for water line placement in west Block 8 and 9 of PB2. DB drops down and conducts foot clearance transects southwest corner of Block 9 and west edge of Block 10 PB2. DB departs solar field to take Conference Call. After 10 minutes DB calls ECM and is informed Conference Call was cancelled. DB then moves to Wiley's Well Rest Area to meet CDFG DVM and BLM Biologist for site tour of on-site and off-site dens accompanied by the ECM for the on-site visits. At end of tour of off-site dens, the CDFG DVM and the BLM Biologist agree they would like Genesis via the DB to place 3 remote cams at 3 off-site active dens. DB relays to ECM as he is departing front guard gate and ECM allows DB to do his clerical work from home due to the late hour. DB departs guard gate at 1700hr.

Front Well - 78762; Well 0 – am, 31599 (now inactive); Well 1 – am, 47965; Well 2 – am, 338;
Den 17a,b – , no activity; Den 18 – , fresh tracks; Den 19 – , no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			3 flying over PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

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Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/08/11

Monitor: Thomas Darden, Mike Ireland BM
Weather Conditions: clr, calm a.m
High Temp.: 63 pm Low Temp.: 28 am

Start Time: 0630hr Stop Time: 1700hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0627hr. Sukut changed morning meeting until 7am due to the shortened days. Do ATV walk around and move to Well Pad 1 area for morning Sukut JHA safety meeting. BM is still monitoring work in the linear corridor for Par Electric and attends their JHA. DB called early a.m. by BM of a minivan passing him on the Black Top access road. Later called DB back having discovered it was from one of his crew he's monitoring and said he would discuss the issue. After Sukut JHA DB moves to conduct den obs inside Project Area, check well use meter readings, and check on potential wildlife pitfalls at caisson crew location reported by BV yesterday p.m. DB checked with Largo worker and was informed open holes not formed for a concrete pour are covered with a chain linked structure and any formed holes not poured will be covered with a tarp.* DB moves to conduct off-site dens around solar fields. Stop by Parkline where mechanics are working on scrapper 728 with all spill protection in place. Well Pad 1 no significant ponding. Continue foot clearance transects in PB2 for first 2 sub-blocks east Block 5 and east Block 4 north to haul road. Depart solar field for office clerical work at 1345hr.

Front Well - 78762; Well 0 – am, ; Well 1 – am, 48820; Well 2 – am, 338;
Den 17a,b – , no activity; Den 18 – , no activity; Den 19 – , no activity – sweep all dens

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments** Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			3 flying over Block 5 of PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*BMP 11.A applies to outside fenced area and BRMIMP Sec. 2.3 also applies to outside the fence area regarding potential wildlife Pitfalls but BRMIMP 2.1.5 does not specify in or outside of the fenced area.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/09/11

Monitor: Thomas Darden, Mike Ireland BM
Weather Conditions: clr, lgt N winds a.m
High Temp.: 68 pm Low Temp.: 32 am

Start Time: 0545hr Stop Time: 1409hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0545hr. Do ATV walk around and then move to Well Pad 1 area for Sukut JHA. BM attends Par Electric JHA. After meeting that Sukut changed last night to meet at 0615hr, DB does den Obs inside solar field for Dens 17,18,19. Dens 17 and 19 had fresh overnight tracks. The dens were swept yesterday and sprinkled with a tracking medium (powder sand). No clear evidence the tracks originated or terminated at hole entrance. DB then conducts off-site den Obs.* Check in at caisson pours. Screens are over open holes, no sign of tarps around if used to cover unpoured formed caissons that were not poured yesterday if any. Minimal ponding water right under fill spout Pad 2 a.m. Continue foot clearance transects in central sub-blocks of Block 4 and Block 5 of PB2. Depart solar field for office clerical work and ATV fuel at 1409hr.

Front Well - 78762; Well 0 – am, ; Well 1 – 50106 am; Well 2 – 1114 am;
Den 17a,b – , fresh tracks around Cam A but none apparent going into burrow, sweep again; Den 18 – , no activity; Den 19 – fresh tracks but none apparent going into burrow, sweep again.

Monitor Checklist

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

Additional Notes:
*Sweep all off-site dens.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/12/11

Monitor: TBD, Tsegaye M, David C., BMs
Weather Conditions: _mstly cldy, gusty SE winds a.m.__
High Temp.: __55pm_____ Low Temp.:_____45am_____

Start Time: _0545hr_____ Stop Time: _1326hr____
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0545hr. Do ATV walk around. Meet BM1 and brief on monitoring Par Electric power pole layout and frame up going on in the linear corridor. BM2 is in Safety training at office. DB then moves to conduct Den Obs for on-site dens and change out mem cards. Den 17 has tracks at Cam A and B but again, do not appear to come out of or go in to burrows. Stop by Block 5 and check if open holes at Largo. Meet BM1 at solar field gate after BM2 arrives and is sent out to resume monitoring Par Electric power pole work in linear corridor. DB/BM1 drive perimeter fence with DB taking southern half going west and BM1 taking northern half going west and both meet at off-site Den 8 West to install new remote cam. As directed the camera is placed and activated. On way to install off-site cameras 2 and 3, DB receives a call that a dead fox was seen in Block 6 north of Well Pad 1. After retrieving the specimen the DB instructs the BM1 to continue the foot transects clearance surveys finishing Block 4 of PB2. DB brings specimen to town to process for shipping overnight to UC Davis San Bernardino Lab for necropsy. DB departs solar field at 1336hr. After procuring shipping materials, packaging the specimen, and dropping off for FedEx pickup overnight delivery, DB starts office clerical work.

Well Pad 2 – 0735hr, 1260
Well Pad 1 – 0716hr, 51,181

Den 18 – 0703hr, tracks, sweep
Den 17 – 0636hr, tracks at Cam A&B, sweep
Den 19 – 0652hr, no activity, no tracks

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter check, intact
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			1 flying near where fox carcass was found
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/13/11

Monitor: TBD, Tsegaye M, David C., BMs
Weather Conditions: cldy, lgt winds a.m.
High Temp.: 60pm Low Temp.: 45am

Start Time: 0545hr Stop Time: 1527hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0545hr. Do ATV walk around and move to Sukut morning JHA. After JHA meeting, DB asks BM2 to go monitor test well 2 work in the linear corridor for Southwest Drill and Pump. Par Electric working inside solar field. About 1420hr DB2 comes to join DB/BM1 with CRM and NAM on Den 19 dig down. DB/BM started dig down at 0651hr as shown below and complete at 1441hr. Do not backfill per directive from above to allow UV rays to kill potential CDV. After dig down DB returns to procure new materials to repackage fox specimen to keep on ice overnight not picked up yesterday by shipping company.

Well Pad 2 – hr,
Well Pad 1 – hr,

Den 18 – 0637hr, no activity, rain overnight
Den 17 – 0636hr, no activity
Den 19 – 0646hr, no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?			X	
All activities within approved workspace limits?			X	
Only approved access roads utilized for ingress and egress?			X	
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?			X	
Topsoil segregated properly?			X	
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?			X	
Speed limit observed by all project personnel?			X	
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?			X	
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter check, intact
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			several singles flying over Unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

12-13-11, Den 19 dig down

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/14/11

Monitor: TBD, Tsegaye M, David C., BMs
Weather Conditions: fog, lgt winds a.m.
High Temp.: 50pm Low Temp.: 39am

Start Time: 0700hr Stop Time: 1509hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

A.M. final ice packing and package seal before departing lodging to drop off fox specimen at Genesis Office that was not picked up yesterday. Depart from office for solar field. Arrive solar field and do ATV walk around. DB moves to meet BMs assigned yesterday by DB to conduct foot transect clearance surveys north Block 1, Channel C, and Contour Areas 2, 3, and 4 in PB2 ahead of earth work. DB asks BM2 to pull in 300ft buffers to 40ft at Den 19 closed yesterday and when complete to resume foot clearance transect for remainder of Block 1 moving west to east. DB/BM1 move to do Den Obs on-site dens. DB/BM then move to set final 2 off-site remote cameras and conduct Den Obs of remaining off-site dens for potential mortalities. Conduct 100% tortoise perimeter exclusion fence due to overnight rains. BM2 continues foot clearance transects in west and central Block 1 then DB and BM1 join to clear the daylight fill area north of north Block 4. DB departs for office clerical work at 1509hr with BM 1&2 finishing up final clearance surveys in the small northeast corner of Block 4 just north of the haul road.

Well Pad 2 – 0909hr, 1534, equipment working on mitigating ponding
Well Pad 1 – 1022hr, 53554

Den 18 – 0637hr, no activity, rain overnight
Den 17 – 1014hr, no activity
Den 19 – 1000hr, no activity, dug down yesterday

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		scattered along S. fence S. of Common Area
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?		X		2 Largo on haul road, informed Largo CM
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			south and west Block 4 PB2*
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter check, intact
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			several singles flying over Unit 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:
*Also north Block 1 and Channel C, Contour Areas 2, 3, 4 PB2.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/15/11

Monitor: TBD, Tsegaye M, David C., BMs
Weather Conditions: fog, lgt winds a.m.
High Temp.: 60pm Low Temp.: 37am

Start Time: 0700hr Stop Time: 1509hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0546hr. Do ATV walk around and move to Sukut JHA morning meeting. After meeting DB, 2BMs, CRM, NAM, and two Sukut laborers move to start Den 17 dig down with Peeper Scope. DB gives Den Dig Down JHA and starts scoping west burrow at 0651hr. (see below) BM1 stays to help as cord tender while BM2 starts reducing the existing 75ft buffer to the approved 40ft buffer while the soils dry and are exposed to UV light. At 0730hr both east and west burrows completed scoping with no animals observed so start digging. Complete dig down at 0841hr having flushed no animals. Tunnels left open also for exposure to UV light. After spraying tools and personnel with diluted bleach solution, DB and both BMs move to north central Block 3 for DB to investigate possible kit fox den. Den is valid (now Den 20) and bio crew then begins constructing the 300ft radius buffer of lathe and high vis pink flagging with 4 additional visual aid structures of high vis orange safety fence. Den is 85m south of haul road and 125m west of haul road. DB then places remote camera. DB and BM then check the off-site dens with BM for carcass canvassing while DB switches out remote camera memory cards. BM2 continues final foot clearance transects Block 1 PB2. DB departs solar field at 1440hr for office clerical work and asks BMs to conduct foot clearance transects west end of Blocks 1-4 for initial haul road when cut starts in Block 1 with fill going to Block 4 PB2.

Well Pad 2 – hr, 2735, equipment working on mitigating ponding
Well Pad 1 – 1022hr, 54,187

Den 18 – 0905hr, no activity
Den 17 – 0631hr, no activity - closed
Den 19 – 0914hr, no activity, no tracks remove camera

Monitor Checklist

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

Additional Notes:

12-15-11, DB donning hood to begin scoping

12-15-11, Den 17 before

12-15-11, Den 17 after

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/16/11

Monitor: TBD, Tsegaye M, David C., BMs
Weather Conditions: _mstly cldy, gusty S winds a.m.__
High Temp.: __63pm_____ Low Temp.:_____54am_____

Start Time: _0545hr_____ Stop Time: _1308hr____
Attachments:_____
Photographs: _____

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0540hr. Do ATV walk around and move to Sukut JHA morning meeting. After morning meeting DB/ BM2 conduct Den Obs inside Project area switching out remote mem cards while BM1 conducts 100% tortoise exclusion fence check due to overnight rains and then conducts required carcass canvass on Access Rd. Par Electric still waiting on PE Stamp. DB/BM2 then conduct off-site Den Obs and switch out remote cam cards. BM takes ATV practical driving test with DB while moving from site to site. DB/BM2 called to Largo site to extract a trapped kangaroo rat in caisson hole and released unharmed to Freeland. DB checks water fill station Well Pad 2 noted 12/15 using equipment to mitigate ponding. AM and PM checks, no ponding. Crew still repairing water trunk line for Block 4 PB2 prep that burst 12/15. DB checks on Well Pad 1 water use meter noted leaking 12/15 and leak has been repaired. DB and BM then move together for continued foot clearance transects central Block 3 in PB2. DB then departs for office clerical work at 1308hr instructing BMs of areas to focus on for continued clearance surveys ahead of grading with cut in Block 1 and fill to be going to Block 4 in PB2.

Well Pad 2 – hr, 2900
Well Pad 1 – hr, 54,901

Den 18 – 0726hr, no activity, Sweep
Den 17 – 0635hr, no activity – closed 12/15, no tracks
Den 20 – 0754hr, no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?		X		4 vehicles passed CRM on Access Road a.m.
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			2 flying over Bldg Assem Area
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: _____

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/17/11

Monitor: TBD
Weather Conditions: ptly cldy, gusty N winds a.m.
High Temp.: 63pm Low Temp.: 57am

Start Time: 0730hr Stop Time: 0931hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0727hr. Do ATV walk around and move to Well Pad 2 to get water use meter reading. Fill valve stuck partially open leaking water with potential to pond over weekend. DB then moves for Den Obs and switch out mem cards for on-site Dens 18, 20. DB moves to Well Pad 1 to get water use meter reading. Fill valve south tower also stuck partially open leaking water with potential to pond over weekend. DB spots checks equipment on Parkline. Scrapper 57-33 waiting on parts with spill prevention protection as shown below. Water wagon leaking water creating ponding as shown below. Water wagon has spill prevention protection under engine compartment as shown below. DB moves to conduct Den Obs and switch out mem cards for off-site Dens. Only the Blattner CM with personnel for SCE assembly waiting for BPC to come test the ground jigs and two Holt Group surveyors observed on-site today by the DB. DB departs front Guard Gate at 0931hr for office clerical work.

Well Pad 2 – 0734hr, 3096
Well Pad 1 – 0752hr, 55,635

Den 18 – 0745hr, no activity
Den 20 – 0738hr, no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?			X	
All activities within approved workspace limits?			X	
Only approved access roads utilized for ingress and egress?			X	
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?			X	
Topsoil segregated properly?			X	
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?			X	
Speed limit observed by all project personnel?			X	
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?			X	
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X		2 perching on equipment at solar field gate	
All ESAs and other bio-related exclusion areas marked and avoided?			X	

Additional Notes:

12-17-11, Scrapper 57-33 broken down with spill prevention protection

12-15-11, Water wagon with tank water leak

12-17-11, Water wagon with drip pans for spill protection

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/19/11

Monitor: TBD, R. Conohan, D. Charlton, BMs
Weather Conditions: ptly cldy, gusty N winds a.m.
High Temp.: 64pm Low Temp.: 36am

Start Time: 0600hr Stop Time: 1402hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0600hr. Do ATV walk around and move to Well Pad 1 area for Sukut JHA safety meeting. After meeting BM2 sent to monitor Par Electric in linear corridor if active ground disturbing activities. BM2 calls DB later alerting no ground disturbing activity so BM conducts 100% perimeter exclusion fence some on foot due to cut taking away ATV 2-track. DB/BM1 move to conduct on-site Den Obs. After on-site move to conduct off-site Den Obs. Kit fox pelage cast off and 1 front leg found near the S. Shrike Tree Den. A brief search turned up no other remains. After Den Obs DB and BMs continue the foot clearance transects in PB2 for east Block 3, Block 6, and West Block 7. DB observed taking water well water use readings rip rap being placed at Well Pad 2 fill station with no ponding. Skid loader observed p.m. at Well Pad 1 dispersing any overflow fill water. BM1 is released at 1315hr for Doctors Appointment. BM2 moves to monitor cut in Channel A remainder of day. DB departs solar field for ATV fuel and office clerical work at 1402hr.

Well Pad 2 – a.m., 3329
Well Pad 1 – a.m., 55,924

Den 18 – , no activity
Den 20 – , no activity, fresh tracks

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments** Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% check, intact
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			6 flying in PB1 and PB2
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/20/11

Monitor: TBD, R. Conohan, D. Charlton, BMs
Weather Conditions: ptly cldy, gusty N winds a.m.
High Temp.: 63pm Low Temp.: 37am

Start Time: 0600hr Stop Time: 1423hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0600hr. Do ATV walk around and move to Well Pad 1 area for Sukut JHA safety meeting. After meeting BM2 sent to monitor Par Electric in linear corridor if active ground disturbing activities. BM2 calls DB later alerting no ground disturbing activity so BM2 and BM1 monitor cut work in Channel A. DB proceeds to conduct to conduct on-site Den Obs and Well Pad visits. Skid loader observed at Well Pad 1 to disperse any water fill overflow. DB takes conference call at 0800hr. Spill from burst hydraulic hose on scrapper 57-41 called in to DB by BMs monitoring cut work at Channel A. Spill containment was placed under the now parked equipment during repairs and DB requested laborers come and remove contaminated soil from the burst line. BM1 stayed and observed proper clean-up per protocol. Spill quantity under parked equipment approx. 2 gal. DB takes conference call at 1000hr while conducting off-site Den Obs. DB is alerted discing prep work to continue in Block 4 of PB2 and dispatches BM2 to monitor. DB completes off-site Den Obs and takes call from CDFG Vet re: kit fox den closures, backfill of Dens 17/19 via equipment verses by hand, and perimeter exclusion options. DB departs solar field for office clerical work at 1423hr.

Well Pad 2 – a.m., 3570
Well Pad 1 – a.m., 56,572

Den 18 – 0658, no activity
Den 20 – 0716, no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?		X		see below in additional notes
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			numerous flying in PB1 and PB2
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: Green Volkswagen drove through Guard Gate at 0551hr without allowing Guard to verify

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/21/11

Monitor: TBD, R. Conohan, D. Charlton, BMs
Weather Conditions: ptly cldy, gusty N winds a.m.
High Temp.: 61pm Low Temp.: 34am

Start Time: 0600hr Stop Time: 1207hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0603hr. Do ATV walk around and move to Well Pad 1 area for Sukut JHA safety meeting. After meeting BM2 sent to monitor grading work at test well 2 in linear corridor for connex placement. BM1 sent to conduct monthly RAV Obs PT Count. After tasks BMs to monitor grading cut at Channel A with fill in north Contour Area and one at site prep discing in Block 4 PB2. DB makes well pad visits and conducts on-site den obs followed by off-site den obs. DB calls BM1 after completing den obs to assist in short search for den near NW Block 1 after DB notified previously by ECM of potential kit fox scat observation. After a ½ hour search off-site, no active dens found. Will do a follow-up survey in ungraded area west of Block 1 tomorrow previously surveyed after closing Den 8 with no findings. DB assigns BM1 to do follow-up surveys on narrow strip of land not graded west Block 4 and south portion Block 4 PB1 surveyed on 11/14 – 11/21 with no findings. BM2 still monitoring discing prep work Block 4 in PB2. As DB departs solar fields for appointment at 1300hr, receives call from BV Inspector inquiring if a monitor was present during grading work at test well 2 area. DB replies yes, the grading was done right after morning JHA meeting. Return to meet appointment. Do required office clerical work and take long group conference call.

Well Pad 2 – a.m., 5978
Well Pad 1 – a.m., 57,423
Den 18 – 0805hr, no activity
Den 20 – 0751hr, no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		some blown to south fenceline of PB1
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			one flying over PB1and one over PB2
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/22/11

Monitor: TBD, R. Conohan, D. Charlton, BMs
Weather Conditions: ptly cldy, gusty N winds a.m.
High Temp.: 54pm Low Temp.: 49am

Start Time: 0600hr Stop Time: 0935hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0558hr. Do ATV walk around and move to Well Pad 1 area for Sukut JHA safety meeting. Due to gale for winds Sukut cancels grading operations for the day. Only the water trucks amending the soil in Block 4 of PB2 and for dust on the roads working. BM1 opts to leave. BM2 asked to go out in the linear corridor with Par Electric to monitor if ground disturbing activity. DB moves to conduct well pad visits, on-site Den Obs, and off-site Den Obs. DB makes a pass by the idle equipment at Parkline and observes several drip pans in place but no significant fugitive fluid leaks. Skit loader at Well Pad 2 to disperse overflow fill water. DB/BM have phone discussion and agree activity in linear corridor does not constitute ground disturbing activity. DB/BM then attempt to conduct foot clearance surveys but high winds with blowing sand and low visibility prohibit confident survey results. DB/BM depart for office clerical work.

Well Pad 2 – 0842hr., 7181
Well Pad 1 – 0652hr, 58,108

Den 18 – 0818hr, no activity
Den 20 – 0838hr, no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		high winds blown to south fence PB1
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			1 over Common Area, 1 over PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/23/11

Monitor: TBD, R. Conohan, D. Charlton, BMs
Veather Conditions: ptly cldy, gusty N winds a.m.
High Temp.: 54pm Low Temp.: 49am

Start Time: 0600hr Stop Time: 0935hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0558hr. After ATV walk around move to Well Pad 1 area for Sukut JHA safety meeting. After meeting
Well Pad 2 – 0842hr., 7181
Well Pad 1 – 0652hr, 58,108
Den 18 – 0818hr, no activity
Den 20 – 0838hr, no activity

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		high winds blown to south fence PB1
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			1 over Common Area, 1 over PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/24/11

Monitor: TBD
Weather Conditions: clr, calm winds a.m.
High Temp.: 70 mid-morn Low Temp.: 37am

Start Time: 0700hr Stop Time: 1002hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0702hr. Removed and buried a road-killed k-rat on the blacktop access road on the way in. After doing ATV walk around, clean tortoise exclusion trap at gate of windblown sand. After clearing tortoise trap, DB moves to conduct well pad visits and kit fox Den Obs on and off-site switching out memory cards missed yesterday due to Den 18 dig up, Dens 17 and 19 backfill, and gale force winds shutting grading work down for the day due to fierce blowing sand and low visibility. At 0912hr DB noticed a guesser of water 15-20ft high coming from west Block 4 or 5 pre-watering area of PB2. DB calls Field Mgr. and solution is to turn off generator to pump to stop water flow. Sprinkler head had popped off causing significant ponding water as shown below and water running off-site southwest corner of PB2. Once generator turned off, water flow to the sprinklers stopped. A Sukut employee arrived who was to turn the sprinklers off midday. DB then returns to solar field gate and unloads buggy to depart for ATV fuel and office clerical work. No other personnel observed working on-site.

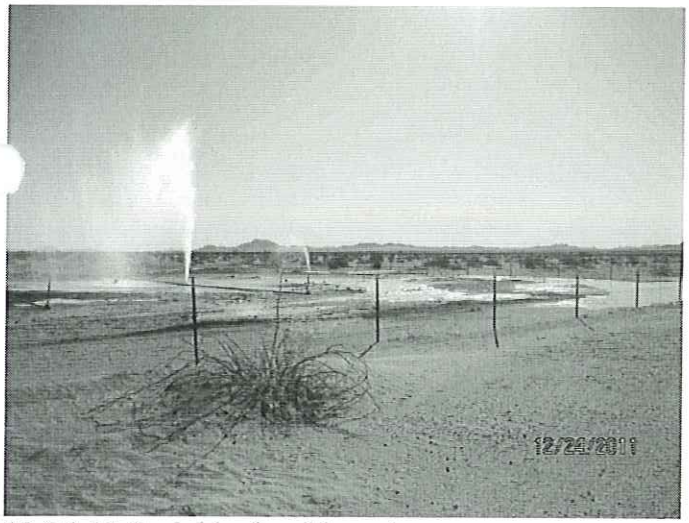
Well Pad 2 – 0758hr, 10141
Well Pad 1 – 0816hr, 58171

Den 20 – 0805hr, no activity, fresh tracks

Monitor Checklist

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

Additional Notes:



12-24-11 Sprinkler head breach

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/27/11

Monitor: TBD, T. Mengistu BM
Veather Conditions: clr, calm winds a.m.
High Temp.: 64pm Low Temp.: 28am

Start Time: 0600hr Stop Time: 1332hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0558hr. After ATV walk around, move to Sukut JHA morning meeting. After meeting, DB sends BM to refresh lathe buffer for Den 20 as told fill to start in Block 4 PB2 today. After refreshing buffer is to conduct 100% perimeter exclusion fence check. DB moves to conduct off-site Den Obs and switch out remote cam memory cards. DB then checks on-site Den Obs and switch out remote camera memory card. DB meets BM east Block 7 PB2 to continue foot clearance transects. DB takes weekly conference call. Foot transects completed south of haul road to fence through west/central Block 9 and Block 10 to solar field gate. BM continues transects and DB departs for office clerical work at 1332hr.

Well Pad 2 – 0850hr, 10504
Well Pad 0 – crew is reactivating a.m.
Well Pad 1 – 0640hr, 58171

Den 18 – will backfill tomorrow
Den 20 – no activity, will dig down tomorrow

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		blown along S fenceline PB1
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% CHECK, INTACT
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			
All ESAs and other bio-related exclusion areas marked and avoided?	X			4 flying over PB1, 3 flying over PB2

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/28/11

Monitor: TBD, T. Mengistu BM
Veather Conditions: clr, calm winds a.m.
High Temp.: 64pm Low Temp.: 28am

Start Time: 0600hr Stop Time: 1332hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0558hr. After ATV walk around, move to Sukut JHA morning meeting. After meeting DB/BM, CRM, NAM, and two laborers move to Den 20. DB gives burrow excavation JHA and then begins dig down. BM to pull in buffer lathe from 300ft to 40ft only to allow underground tunnel soil to be exposed to UV rays for 4-5 days that will kill any potential CDV. After den dig down, DB sprays all with solution and group moves to backfill Den 18 while BM pulls up all buffer lathes. DB then moves to conduct off-site Den Obs and switch out remote camera memory cards. BM finishes tightening buffer on Den 20 and then to resume foot clearance transects PB2 until DB catches up to him.** DB/BM start foot transects north of haul road in Block 9 PB2. DB/BM as discussed previously take a little time to search for kit fox den somewhere near solar field gate due to consistently finding tracks near where buggies park.*** BM moves to monitor discing prep in Block 4 of PB2 and DB departs solar field for office clerical work at 1355hr.

Well Pad 2 – hr, 13567
Well Pad 0 – hr, 31631
Well Pad 1 – hr, 58926*

Den 18 – no activity, backfilled and buffer removed
Den 20 – no activity, dug down and buffered reduced to 75ft

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			flock of 7 flying N to S over Den 20a.m.
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *Moved south water fill station water tower from Well Pad 1 to just east of Well Pad 0.
**While conducting off-site Den Obs DB notices tracks at south fence line and discovers new active kit fox den 40m south of fence in Freeland. ***DB also discovers active Den near solar field gate south of fence line out about 200m.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/29/11

Monitor: TBD, T. Mengistu BM
Weather Conditions: clr, calm winds a.m.
High Temp.: 70pm Low Temp.: 34am

Start Time: 0600hr Stop Time: 1430hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0558hr. After ATV walk around, move to Sukut JHA morning meeting. After meeting BM to monitor discing prep work in PB2. DB moves to conduct off-site Den Obs and switch out remote camera memory cards. DB checks on Largo caisson pours and the entire HDPE pipe stored. No wildlife inside observed. While on Largo site DB spoke with Gary Mann regarding speeding on blacktop access road and Mann brought DB to meet Largo Safety Officer. Safety Officer assured Mann and DB it would be addressed. DB drives by and checks on scrappers being repaired. One has spill prevention protection in place and the other has no fugitive fluid leaks. BV Inspector stops DB and inquires how things are. DB informs about visiting with Largo. DB stops by new staging area being cleared near Well Pad 2 that had been cleared on 12-17. DB/BM meet and move to continue foot clearance transects in Blocks 9 & 8 of PB2. BM then moves to continue monitoring prep work SW PB2 while DB departs for office clerical work at 1430hr.

Well Pad 2 – hr, 14495
Well Pad 0 – hr, 32046
Well Pad 1 – hr, 59021

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?		X		unidentified vehicle speeding on Access Rd
Biological Issues	**Yes**	**No**	**N/A**	**Comments** Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			PB2 new staging area
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			sporadic flying over PB1 and PB2
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/30/11

Monitor: TBD, T. Mengistu BM
Weather Conditions: clr, lgt winds a.m.
High Temp.: 68pm Low Temp.: 34am

Start Time: 0600hr Stop Time: 1200hr
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0604hr and do ATV walk around then DB/BM move to near Well Pad 2 where new Sukut staging area and equipment parkline has been made now that full scale grading occurring in PB2. After meeting BM is to continue foot clearance transects for last of Blocks 9 & 10 and southern ¾ of Block 8 all in PB2. DB moves to conduct well pad observations and off-site Den Obs. While DB is checking at Largo lay down area the HDPE pipes stored he receives call from BM of new den discovery (Den 21) with recent kit fox remains at den site shown below. Den is in southeast corner of PB2 Block 10 approx. 300m west of east fence line. Status of Den unknown. Cause of death for fox unknown. DB contacts grading foreman and grading straw to alert and then DB/BM begin installing 300ft buffer exclusion with the 4 added additional visual aid safety fence structures. Grading crew released at 1030hr. After installing exclusion buffer for Den 21 DB/BM depart solar field at 1210hr and DB to get oil changed and tires rotated on personal truck used for work.

Well Pad 2 – hr, 15255
Well Pad 0 – hr, 32373
Well Pad 1 – hr, 59391

Den 21 – discovered mid-morning

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered singles flying over PB1 and PB2
All ESAs and other bio-related exclusion areas marked and avoided?	X			

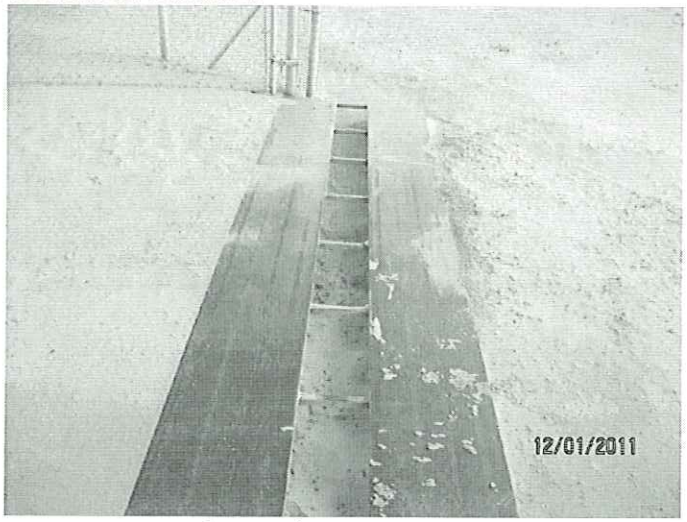
Additional Notes:

12-30-11, Den 21 with fox leg and pelage remains

Genesis Solar Energy Project
Weekly Biological Summary
11/27/11 to 12/03/11

This was a short week again due to gale force winds one day causing a halt of activities due to dust control issues. There was a quarterly Contractor Safety Meeting one day this week as well causing the Grading contractors to work Saturday. Cut and fill grading temporarily moved to Blocks 6 and 8 were moved to cutting of Channel BC and Sedimentation Pond with fill going to southern Block 8. On Saturday cut resumed in Block 6 with fill still going to Block 8. Soil water amending was primarily done by water trucks and the water wagon as the sprinkler system was being disassembled possibly to be moved to PB2 if full work in PB1 is not reopened. The DB and BM will continue to conduct wildlife clearance transects ahead of cut and fill grading based on the most recent 3 week look ahead schedule.

12-01-11, Exclusion Fence Tortoise Trap sand blown in



12-01-11, Exclusion fence tortoise trap cleaned

The two new kit fox dens discovered by the DB 2 weeks ago (Den 18, Den 19) have been buffer avoided but this week the Agencies directed the DB to increase the existing 75ft radius buffer to a 300ft buffer. The operators continue to avoid. Buffers consist of lathe and high Vis pink flagging with an additional 4 high Vis orange safety fence structures.

The electrical power pole locations were surveyed and staked this week down the linear corridor into the solar fields and terminating at Trailer City in the Common Area. The DB and BM conducted wildlife clearance surveys at each location in the solar fields well ahead of installation scheduled to start the second full week of December. In the linear corridor a Bio Monitor as required will accompany installation. As mentioned last week, the process of repairing or replacing worn hydraulics hoses and O rings on so many pieces of equipment is ongoing. This week one O ring burst causing a hydraulic fluid loss. The DB arrived and the mechanic had already placed absorbent materials down with drip pans. The DB stayed until repairs were made and to insure proper clean-up and disposal of the contaminated soil was followed.

12-02-11, Scrapper 728 O-ring burst causing fluid leak

12-02-11, after Scrapper 728 repaired and spill cleaned up

There was an instance this week where the control valve on one of the water towers to fill the water trucks and water wagon was hanging up causing the water to continue to run after the trucks had left resulting in ponding. The Contractors were alerted and corrections are being made to try and prevent reoccurrence.

12-01-11, Ponded water Well Pad 1

12-01-11, Lowered water tower Well Pad 0 to be moved

The water tower for the fill station at Well Pad 0 was taken down and relocated to Well Pad 2 in PB2 ahead of anticipated long term water soil amending with the sprinkler system for subsequent grading operations.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. With the kit fox mortality discovered off-site last week by the DB, Genesis and the Agencies agreed we will continue to also closely monitor the off-site kit fox dens as there may possibly be a disease outbreak. More details are in the weekly Kit Fox Status report.

A 100% tortoise exclusion perimeter fence check was conducted this week, once as always on Monday, and a second check Friday as required due to overnight rains Thursday. As shown above, the tortoise trap at the entrance of the solar field gate connected to the desert tortoise exclusion fence had to be maintained several times this week due to the high winds and blowing sand. Sporadic raven sightings continue in the solar fields. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road kill observed.

/s/ *Thomas Darden*

Thomas B. Darden, GSEP
Designated Biologist
(530) 604-5496

Genesis Solar Energy Project
Weekly Biological Summary
12/04/11 to 12/10/11

This was the first full week in three due to significant high wind days prohibiting grading work several days of the last two weeks. Sukut cut and fill grading resumed in Power Block 1 (PB1) with continued cutting Block 6 and filling west areas of Block 8, east central portions of Block 4, and some storage fill in the northern contour area. Cutting of Channel BC, Channel A, and the Sedimentation Pond also continued with fill going to southern Block 8. Finish grade is on-going in Blocks 3 and 7. Soil water amending by water trucks and the water wagon continue and the sprinkler system for pre-watering is being reassembled for site prep in eastern Block 4 of PB2 if full work in PB1 is not reopened. All areas of cut and fill in PB1 were previously cleared for wildlife via foot transects by the Designated Biologist (DB) and Biological Monitors (BM). The DB started conducting wildlife clearance transects ahead of cut and fill grading that will probably be moving unexpectedly to PB2 soon due to the continued delay clearing the cultural site in Block 2, and the three kit fox dens in Block 8 of PB1.

Largo began caisson installation in Block 5 this week with surveying caisson locations in Block 1. After consultation between the Construction Mgr (CM) and the DB regarding potential wildlife pitfalls if all formed caisson holes are not poured scheduled for the day, their internal procedures will now ensure holes not covered (if not poured by the end of the day), they will inspect the holes at different intervals in the event an animal becomes trapped. Generally this mitigation is intended for work outside the desert tortoise exclusion fence. The DB and CM consented due to the large number of caissons being poured each day, Largo would make every attempt to clear the holes prior to pouring if left open. A safety inspection prior to pouring is required anyway.

'ar Electric mobilized equipment this week and began layout and frame up of the electrical power poles coming east through the linear corridor along the access road. The power pole locations surveyed and staked in the solar fields were wildlife clearance surveyed last week by the DB and BM ahead of eventual installation. In the linear corridor a BM as required has been with crews during work this week. The DB and BM also continue checking on equipment being worked on by the mechanics for proper spill prevention protocol. This week a fuel spill in the Common Area and two hydraulic hose breaks at the Sukut yard were reported to the DB as required.

There were two instances this week of vehicles speeding down the unfenced linear corridor on the blacktop access road. The BM reported he was passed while driving 45mph both times, the posted limit. One vehicle was with the grading crew and the DB had the Foreman at the morning JHA safety meeting reiterate not to be tailgating or speeding due to the potential of sensitive wildlife in the area as posted coming in from the front Guard Gate. The second vehicle was with the electrical contractors and the BM gave the group at their morning JHA meeting the required refresher training.

There still are occasional overflows at the water fill stations from water trucks either amending the soil with water for grading operations, or for dust control. The new fill station raised and reactivated this week at Well Pad 2 still does not have any rip rap which if placed as recommended by the DB, would significantly aid in downward water percolation of overfilling trucks or the fill valve sticking open occasionally. The Contractors were alerted again by the Compliance Monitor for corrective action. They committed to dedicating a full time operator to mitigate ponding water.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. In an act of good will with the Agency Biologists, the Genesis Group consented to allow the DB to monitor the active off-site dens as well per Agency requests. The DB captured a sick kit fox Tuesday after a water truck driver notified him he had seen it while filing his truck at Well Pad 1. Per recently activated protocol, the DB took the animal to the Living Desert Zoo hospital where the veterinarian was to attempt to save if brought in alive. The animal did survive the trip alive, but was too far gone to save so in accordance, was euthanized after drawing blood samples. The specimen as required was then transported to the Lab for necropsy. The Wildlife Incident Mortality form follows. A site visit by the Veterinarian for the CDF&G along with the BLM Wildlife Biologist was made on Wednesday this week to observe the on-site dens as well as the off-site dens. More details are in the weekly Kit Fox Status report.

A 100% tortoise exclusion perimeter fence check was conducted this week as always on Monday. The desert tortoise exclusion fence trap at the entrance to the solar fields had to be cleaned out again on Monday from the last of the high wind days and blowing sand. Sporadic raven sightings continue in the solar fields. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road kill observed. The Biological Monthly Compliance Report for November was submitted by the DB last week to the ECM.

/s/ *Thomas Darden*

Thomas B. Darden, GSEP
Designated Biologist
(530) 604-5496

Genesis Solar Energy Project
Construction Wildlife Incident Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 12/06/12, 0610hr Observer: Thomas Darden, Designated Biologist (DB)
Type of Incident (circle one): Injury / Fatality / Nest (sick)
Cause of Death: found sick, euthanized under Vet supervison 2½hr later.
Condition (circle one): (Intact Carcass) / Dismembered Carcass / Feathers Only
Photo No. follow electronically.
Carcass Condition Details, Behavior of Injured Animal, or Nest Details:
When first observed, in state of malaise but still alert and ambulatory. Gradually drifted to state of incoordination and severe lethargy. Some nasal discharge with fluid clear.

LOCATION

DATUM: 11S
UTM E: 0684670 UTM N: 3727403
Location Details (microhabitat, etc.):
This was at a staging area where the fox sought refuge under several large tires leaned against one another. The fox was .21mi. from nearest Den site with no wild lands between.

IDENTIFICATION

Bird / Bat / Unknown / (Other) (circle one)
Species (if unknown, write 'unknown'): Desert Kit Fox
Sex (circle one): (Male) / Female / Unknown
Age (circle one): Adult / Juvenile / (Unknown)
Is Animal Tagged? (circle one): Yes / (No)
Identification Remarks: Once so lethargic enough it was unable to flee, the DB was able to gently grasp and place in transport carrier with no resistance. No coughing or wheezing observed. No convulsions or seizures/ onset.

ENVIRONMENTAL CONDITIONS

Weather (circle one): (Clear) / Fog / Cloudy / Rain
Approx. Temperature (circle one) (°F) / °C: 28
Wind (circle one): Calm / (Gusty) / Storm / Violent Storm
Habitat (circle all that apply):
(Bare Ground) / Creosote Bush Scrub / Sand Dune or Sand Sheet /
(Denuded-graded) Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): Taken to Living Desert Hospital facility. Captured 0717hr, arrived 0940hr with animal alive but apparently comatose. Blood drawn, then euthanized. Taken then to UC Davis San Bernardino Lab for necropsy under direction of Dr. Deana Clifford DVM and Mark Massar BLM Biologist.

12-06-11, 0610hr sick fox alert running to Port a John

12-06-11, 0611hr sick fox ran back to tires still alert

12-06-11, 0622hr sick fox beginning to lose faculties

Genesis Solar Energy Project
Weekly Biological Summary
12/11/11 to 12/17/11

Sukut cut and fill grading continues in Power Block 1 (PB1) with continued cutting Block 6 and filling in the northern contour area. Cutting of Channel A continues. Soil water amending by water trucks and the water wagon continue with the ground prep discer in Block 4 of PB2. The Designated Biologist (DB) started initial wildlife clearance transects ahead of grade moving to PB2 on 12/07/11, starting at Well Pad 2 clearing the western 1/3rd of Blocks 8, 9, and 10 in front of the sprinkler crews. The schedule calls for initial cut starting in the northern Channel C and maybe Contour Areas 2, 3, and 4 followed by Block 1 with fill going to Block 4. All of Block 4 has been foot surveyed for wildlife along with Block 5 and the western ½ of Block 3. The western 1/3rd of Block 2 has also been clearance foot surveyed for the initial haul route to bring the north cut material south to Block 4. The DB and his Biological Monitors (BM) next week will finish the eastern 2/3rd of Block 2 foot clearance transects and the eastern 1/3rd of Block 3 east of the new kit fox den discussed below.

Largo caisson installation continues in Block 5 with surveying caisson locations in Block 1. Mentioned in last week's Bio Summary, Largo committed to inspect open covered holes at different intervals in the event an animal becomes trapped. This week the DB was called by the Largo CM alerting of a trapped kangaroo rat. The DB assisted one of the Largo workers to fish out the animal and it was released unharmed in Freeland. The DB and CM consented due to the large number of caissons being poured each day, Largo would make every attempt to clear the holes prior to pouring if left open.

Par Electric has almost wrapped up layout and frame up of the electrical power poles coming east through the linear corridor along the access road and into the solar fields. The crew is waiting on a final PE stamp of approval for the plans before they can begin the pole installations. The PE stamp is anticipated early next week. The power pole locations surveyed and staked in the solar fields were wildlife clearance surveyed by the DB and BM ahead of eventual installation. In the linear corridor a BM as required was with crews working there.

The DB and BM continue checking equipment for proper spill prevention protocol and fugitive fluid leaks.

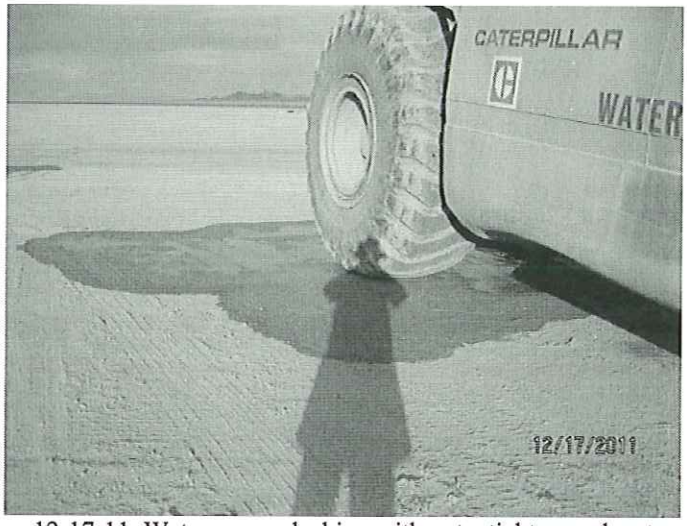
12-17-11, Scrapper 57-33 with spill prevention protection

12-17-11, Water wagon with drip pans for spill protection

This week the DB observed two vehicles speeding through the solar fields and noted what subcontractors they were associated with. The DB notified the Construction Manager who refreshed them on the driving decorum. On Friday 4 different vehicles passed a Cultural Resource Monitor on the blacktop Access Rd coming in to the work site. At the Sukut JHA morning meeting the personnel were sternly reminded of the speed limits as well.

Sukut personnel are still working towards mitigating excess water at the fill stations and during soil water amending by the large water wagon and off-road water trucks. During the Saturday site visit the DB noticed that the fill valves at Well Pad 2 and the south tower at Well Pad 1 were both partially stuck open or otherwise had a steady leak. On Monday the DB will mention to the Compliance Monitor and Sukut supervisors of the malfunction and need to continue to try and arrest the sticking valves. The ground around the fill stations has been worked and is less prone to ponding from minor amounts, and as mentioned last week, the Contractors have committed a dedicated operator to mitigate ponding water by regular visits to disperse any accumulations.

12-15-11, Water wagon with tank water leaking

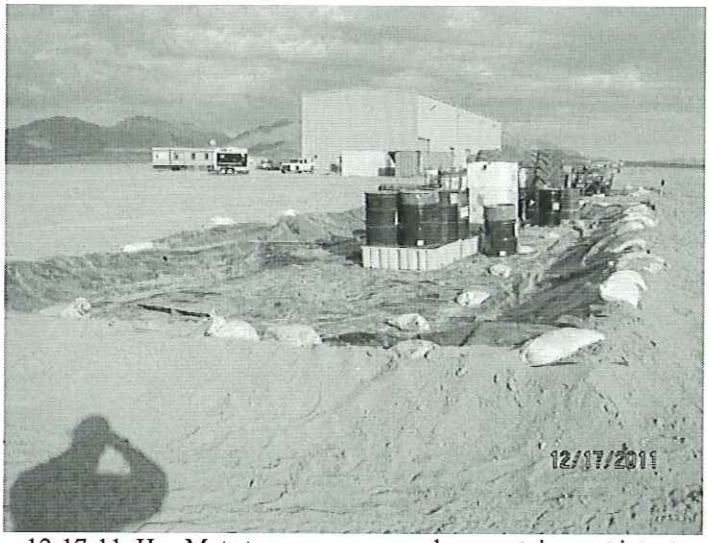


12-17-11, Water wagon leaking with potential to pond water

The mechanics are still working towards repairing and replacing hoses and "o-rings" as required on such a large fleet of equipment. The water wagon was observed leaking and the mechanics were to weld or otherwise repair the leaks. Perhaps one hole was overlooked as the equipment was leaking water Saturday morning with potential of ponding water over the weekend.

The Genesis Compliance Monitor has been working with the Contractors with their hazardous materials storage areas. High winds often cause problems with large dumpster covers and even hazmat secondary containment.

South hazardous materials storage area underlay windblown apart



12-17-11, Haz Mat storage area secondary containment intact

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues for both on-site and off-site dens. This week on 12-12-11 a dead kit fox was discovered about 600ft north of Well Pad 1. The carcass was still fresh and the DB took the specimen and put it on ice while procuring the necessary materials to ship it overnight to the UC Davis Lab in San Bernardino for necropsy. The specimen was successfully sent the morning of 12-14-11. The Wildlife Incident Form follows. Dens 19 and 17 were dug down this week with only Den 18 remaining in PB1. A BM discovered a new active Den (Den 20) in PB2 on 12-15-11. More details are in the weekly Kit Fox Status report.

A 100% tortoise exclusion perimeter fence check was conducted this week as always on Monday and again on Wednesday as required due to overnight rains. Raven sightings continue in the solar fields. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road kill observed. Next week the monthly Raven Fixed Observation Pt Count will be conducted.

/s/ *Thomas Darden*

Thomas B. Darden, GSEP
Designated Biologist
(530) 604-5496

Genesis Solar Energy Project
Construction Wildlife Incident Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 12/12/11, called 1109hr Observer: Thomas Darden Designated Biologist

Type of Incident (circle one): Injury / (Fatality) / Nest Trespass mangrita BM

Cause of Death: Unknown - timed since death ≤ 24hr

Condition (circle one): (Intact Carcass) / Dismembered Carcass / Feathers Only

Photo No. electronically and follow

Carcass Condition Details, Behavior of Injured Animal, or Nest Details:
First observed right side up laying on side, right eye foraged, preliminary feeling at rectum. No obvious signs of trauma. Pelage in great shape. Head and face early signs of drying out.

LOCATION Block 6, approx. 60ft north of sick fox 12-6-11

DATUM: NS

UTM E: 0684726 UTM N: 3727591

Location Details (microhabitat, etc.):
In area not graded yet but an island between graded ground north, south, and east. 25m east of a dirt haul road. Very scattered creosote. Appeared may have been dragged by predator (scavenger) 3 to 4 ft. No tracks of any kind observed.

IDENTIFICATION

Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Desert kit fox

Sex (circle one): Male / (Female) / Unknown

Age (circle one): Adult / Juvenile / (Unknown)

Is Animal Tagged? (circle one): Yes / (No)

Identification Remarks: Turned over and left side that was facing down unremarkable.

ENVIRONMENTAL CONDITIONS

Weather (circle one): Clear / Fog / (Cloudy) / Rain

Approx. Temperature (circle one) (°F) / °C: 55°

Wind (circle one): Calm / (Gusty) / Storm / Violent Storm out of south east 12-15mph

Habitat (circle all that apply):

(Bare Ground) / (Creosote Bush Scrub) / Sand Dune or Sand Sheet / Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): recovered and bagged per protocol and contacted Dr. Clifford immediately via voicemail. Specimen put on ice and shipped overnight to UC Davis Lab in San Bernardonio for necropsy per Dr. Deana Clifford and Mark McLear BLM.

12-12-11, original undisturbed position

12-12-11, side facing down after turning over

12-12-11, proximity view south to Well Pad 1

12-12-11, possible drag marks from scavengers

Weekly Biological Summary
12/18/11 to 12/24/11

This week was a duplicate of last week with the exception of 2 full days were lost due to gale force winds with fierce sand blowing creating low visibility. Sukut cut and fill grading in Power Block 1 (PB1) are still focused on cutting Block 6 with fill going to the northern contour area. Cutting of Channel A also continues with soil water amending by water trucks and the water wagon. The ground prep discing and pre-watering in Block 4 of PB2 is on-going. The Designated Biologist (DB) and his Biological Monitors (BM) completed all wildlife clearance transects ahead of grade moving to PB2 on 12/19/11for Blocks 1-5. Initial clearance surveys were done in Blocks 4 and 5 for the pre-watering crews. As mentioned last week, the schedule calls for initial cut starting in Channel C to the north and maybe Contour Areas 2, 3, and 4 followed by Block 1 with fill going to Block 4. The DB and his BM next week hope to finish the eastern 1/3rd of PB2 foot clearance transects in Blocks 7-10.

Largo caisson installation is also little different from last week's report due to the large area and high number of caissons per Block required. Pouring continues in Block 5 and surveying caisson locations continues in Block 1 in PB1. As mentioned in last week's Bio Summary, Largo committed to inspect open covered holes at different intervals in the event an animal becomes trapped.

Par Electric is still waiting for a final PE stamp for authorization to begin installation of power poles through the linear corridor outside of the desert tortoise exclusion fence. This week they made progress after authorization was granted to begin placing the poles in the ground of the solar field through PB2 to Trailer City in the Common Area. Par did more layout and frame up of the electrical power poles coming east through the linear corridor this week. As mentioned last week, when the crews begin placing the poles in the ground through the linear corridor down the blacktop access road a dedicated BM will be present for required monitoring. The power pole locations surveyed and staked in the solar fields were wildlife clearance surveyed by the DB and BM ahead of eventual installation.

The DB and BM continue checking equipment for proper spill prevention protocol and fugitive fluid leaks. The short days this week due to the high winds and blowing dust gave some much needed catch up time to the mechanics to work on replacing worn hoses and o-rings.

This week the DB observed the landings around the water fill stations at the Well Pads has been worked and is less prone to ponding from minor amounts. A skid loader was present at each Well Pad in use to disperse any overflow fill water for the water trucks and water wagon.

Daily monitoring of kit fox dens both on-site and off-site with collection of remote camera memory cards and photo documentation continues. While checking off-site dens, the DB discovered partial remains from a scavenged kit fox near one of the dens. The cause of death was indeterminate as there was no carcass just pelage cast off and one front leg. This week Dens 19 and 17 on-site were backfilled by hand as required, and Den 18 was authorized to be dug up with the provision it will not be backfilled until the underground tunnel soil has been exposed to sunlight 4-5 days. The Ultra Violet Rays will kill any potential CDV that may be present. Next Wednesday Den 18 is scheduled to be backfilled by hand and that will leave no known dens remaining in PB1. More details are in the weekly Kit Fox Status report.

A 100% tortoise exclusion perimeter fence check was conducted this week as always on Monday. The desert tortoise trap at the entrance to the solar field had to be cleaned twice due to the blowing sands. The monthly Raven Fixed Observation Pt CT was conducted this week on the 21st. Raven sightings continue in the solar fields. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. Three road killed k-rats were removed from the access road in the linear corridor and buried.

Weekly Biological Summary
12/25/11 to 12/31/11

Mukut cut and fill grading in Power Block 1 (PB1) have finished cut in Block 6 and are on finish grade in Blocks 6, 7, and 8. Cutting of Channel A also continues with soil water amending by water trucks and the water wagon. Full scale cut and fill have now begun in PB2 with a new staging area and equipment parkline built near Well Pad 2. The fill prep discing and pre-watering is now in Block 5 and fill has begun in Block 4 with cut coming from Block 1. The Designated Biologist (DB) and Biological Monitors (BM) completed all wildlife clearance transects ahead of grade moving to PB2 for Blocks 1-5. The DB and his BM have only the northeast ¼ of Block 8 and eastern 1/3 of Block 7 for all of PB2 foot clearance transects.

Largo caisson installation continues with pouring in Block 5 and surveying caisson locations in Block 1 of PB1.

Par Electric will begin installation of power poles through the linear corridor outside of the desert tortoise exclusion fence on Tuesday of next week accompanied by the required Biological Monitor. Par has completed most of the layout and frame up of the electrical power poles coming east through the linear corridor and erected some poles in the solar fields of PB2. All of the power pole locations staked in the solar fields were wildlife clearance surveyed by the DB and BM.

The DB and BMs continue to monitor the heavy equipment for fugitive fluid leaks and for ponding water at fill stations.

Daily monitoring of kit fox dens both on-site and off-site with collection of remote camera memory cards and photo documentation continues. This week Den 18 was backfilled by hand as required and Den 20 was dug up also by hand. It will be backfilled on Tuesday after the required number of days for the underground tunnel soil to be exposed to the UV rays of the sun. The Ultra Violet Rays will kill any potential CDV that may be present. On Friday 12-30-11 while finalizing foot clearance transects in Block 10 of PB2, the BM discovered recent prey remains at a new kit fox den (Den 21). The DB informed the Grading Foreman of the location and then installed the 300ft exclusion buffer of high vis pink flagging and lathe with 4 additional visual aid structures of high vis orange safety fence. Contractors will be installing authorized additional electric fence strands on the desert tortoise exclusion fence between the livestock barbless wires and on top of the T-posts next week to discourage ingress to the site by kit foxes. More details in the Wkly K Fox Synopsis.

A 100% tortoise exclusion perimeter fence check was conducted this week as always the first day of the week this week on Tuesday. The desert tortoise trap at the entrance to the solar field was cleaned out last Saturday due to the blowing sands. The monthly Raven Fixed Observation Pt CT was conducted last week on the 21st. Raven sightings continue in the solar fields following grading and often in the Common Area. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road killed animals were discovered on the access road in the linear corridor this week.

END OF WEEKLY REPORTS, BIO-2

BIO-4
All hard copy daily biological monitoring reports are stored at the home of the Designated Biologist (Blythe, California), submitted electronically to the interim Environmental Compliance Manager (Charlyn Mosley, Nextera).

BIO-6
New employees are all given the WEAP Training and associated sticker for their hard hats. The ECM retains the sign-in sheets and count of personnel that have been given the WEAP.

BIO-7a
The Designated Biologist's daily monitoring forms have recorded climatalogical data in the form of sky conditions, wind, temperature, precipitation.

BIO-8
In order to remain in compliance with mitigation measures the Designated Biologist or Biological Monitor (BM) are with ground disturbing crews, or cleared ahead of them, at all times. A BM was brought on to assist the DB for December. Construction activities consisted of caisson pour preparation, electrical power pole layout and frame up, Trailer City preparation, and continued grading in Blocks of cut and fill with finish grading in other Blocks. A new equipment parkline was built. Construction crews were reminded daily of environmental concerns. Kit fox den buffers are now at 300ft and the DB during the morning safety meeting briefs the crews to be aware locations when new dens are discovered.

The temporary Centerline Haul Road inside the exclusion fence as well as the access road in the linear corridor were checked daily for road kill. A new haul road is being constructed through Power Block 2 (PB2) now that grading has moved over from PB1. This month three road killed K rats were removed and buried. On Dec. 6th a sick kit fox was removed from the site and taken to the veterinarian but was euthanized after taking blood samples. A dead kit fox was found on Dec. 12th. This specimen as well as the specimen from the 6th was taken to the Lab for necropsy. A courtesy incident report was filed for both kit foxes as they are not a listed species and follow.

BIO-9
No repairs to the fence itself were required and a 100% total perimeter fence check was conducted at least once a week.

BIO-11
All mitigation management measures have been complied with. Compliance with BIO -4 and BIO -8 is achieved by monitoring all site mobilization activities, construction-related ground disturbance, and other construction activities. All construction workers are reminded regularly of the need to check under vehicles, not to litter or cast off food, and to look out for sensitive species while driving on the access roads.

BIO-13
The monthly raven observations count was conducted on December 21st.

BIO-15
The 30 day pre-con nest survey requirement expired on July 31st for migratory birds. No nesting birds were observed during construction activities so avoidance measures were not applicable.

BIO-17
Monitoring of the Desert Kit Fox (*Vulpes macrotis*) dens is on-going. There is currently 1 den within the solar fields.

The active dens are:
Den 21 located southeast Power Block 2.

Individual Den Status:
Den 20 Potentially active, 4 burrows, One remote camera to be placed. Discovered 12-30-11

No American Badgers (*Taxidea taxus*) or sign was observed during construction activities for September.

BIO-18

The 30 day pre-construction nest survey requirement expired on August 31st for burrowing owls. No Burrowing Owls (*Athene cunicularia*) or sign was observed during construction activities so avoidance measures were not applicable.

BIO-19

No special status plants have been observed during construction monitoring. ESA's were checked to ensure stakes and signs are in place.

Genesis Solar Energy Project
Construction Wildlife Incident Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 12/06/12, 0610hr Observer: Thomas Darden, Designated Biologist (DB)
Type of Incident (circle one): Injury / Fatality / Nest (sick)
Cause of Death: found sick, euthanized under Vet supervison 2½hr later.
Condition (circle one): (Intact Carcass) / Dismembered Carcass / Feathers Only
Photo No. follow electronically.
Carcass Condition Details, Behavior of Injured Animal, or Nest Details:
When first observed, in state of malaise but still alert and ambulatory. Gradually drifted to state of incoordination and severe lethargy. Some nasal discharge with fluid clear.

LOCATION

DATUM: 11S
UTM E: 0684670 UTM N: 3727403
Location Details (microhabitat, etc.):
This was at a staging area where the fox sought refuge under several large tires leaned against one another. The fox was .21mi. from nearest Den site with no wild lands between.

IDENTIFICATION

Species (if unknown, write 'unknown'): Desert Kit Fox
Sex (circle one): (Male) / Female / Unknown
Age (circle one): Adult / Juvenile (Unknown)
Is Animal Tagged? (circle one): Yes / (No)
Identification Remarks: Once so lethargic enough it was unable to flee, the DB was able to gently grasp and place in transport carrier with no resistance. No coughing or wheezing observed. No convulsions or seizures onset.

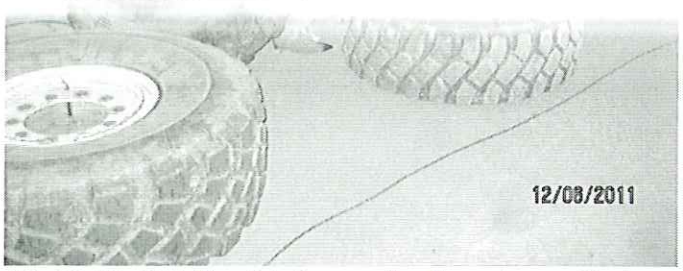
ENVIRONMENTAL CONDITIONS

Weather (circle one): (Clear) / Fog / Cloudy / Rain
Approx. Temperature (circle one) (°F) / °C: 28
Wind (circle one): Calm / (Gusty) / Storm / Violent Storm
Habitat (circle all that apply):
(Bare Ground) / Creosote Bush Scrub / Sand Dune or Sand Sheet /
(Denuded-graded) Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): Taken to Living Desert Hospital facility. Captured 0717hr, arrived 0940hr with animal alive but apparently comatose. Blood drawn, then euthanized. Taken then to UC Davis San Bernardino Lab for necropsy under direction of Dr. Deana Clifford DVM and Mark Maasch BLM Biologist.

12-06-11, 0610hr sick fox alert running to Port a John



12-06-11, 0611hr sick fox ran back to tires still alert

12-06-11, 0622hr sick fox beginning to lose faculties

Genesis Solar Energy Project

Construction Wildlife Incident Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 12/12/11, called 1109hr Observer: Thomas Darden Designated Biologist

Type of Incident (circle one): Injury / Fatality / Nest Tsegaye Mengistu BM

Cause of Death: unknown - timed since death ≤24hr

Condition (circle one): Intact Carcass / Dismembered Carcass / Feathers Only

Photo No. electronically and follow

Carcass Condition Details, Behavior of Injured Animal, or Nest Details:

First observed right side up laying on side, right eye foraged, preliminary feeding at rectum. No obvious signs of trauma. Pelage in great shape. Head and face early signs of drying out

LOCATION Block 6, approx. 600ft north of sick fox 12-6-11

DATUM: 11S

UTM E: 0684726 UTM N: 3727591

Location Details (microhabitat, etc.):

In area not graded yet but an island between graded ground north, south, and east. 25m east of a dirt haul road. Very scattered creosote. Appears may have been dragged by predator (scavenger) 3 to 4 ft. No tracks of any kind observed.

IDENTIFICATION

Species (if unknown, write 'unknown'): Desert kit fox

Sex (circle one): Male / Female / Unknown

Age (circle one): Adult / Juvenile / Unknown

Is Animal Tagged? (circle one): Yes / No

Identification Remarks: Turned over and left side that was facing down unremarkable.

ENVIRONMENTAL CONDITIONS

Weather (circle one): Clear / Fog / Cloudy / Rain

Approx. Temperature (circle one) °F / °C: 55°

Wind (circle one): Calm / Gusty / Storm / Violent Storm out of south east 12-15mph

Habitat (circle all that apply):

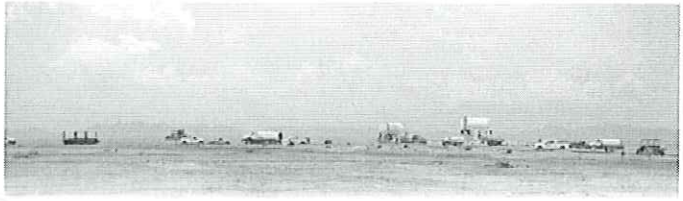
Bare Ground / Creosote Bush Scrub / Sand Dune or Sand Sheet / Playa / Ephemeral Wash / Desert Pavement

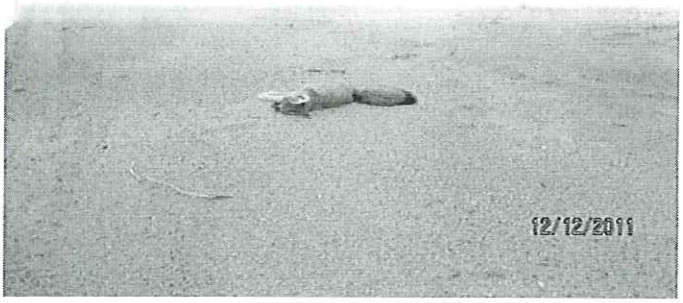
NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): recovered and bagged per protocol and contacted Dr. Clifford immediately via voicemail. Specimen put on ice and shipped overnight to UC Davis Lab in San Bernardorio for necropsy per Dr. Deana Clifford and Mark Massar BLM.

12-12-11, original undisturbed position

12-12-11, side facing down after turning over





12-12-11, proximity view south to Well Pad 1

12-12-11, possible drag marks from scavengers

Genesis Solar Energy Project
Weekly Biological Summary
12/25/11 to 12/31/11

Sukut cut and fill grading in Power Block 1 (PB1) have finished cut in Block 6 and are on finish grade in Blocks 6, 7, and 8. Cutting of Channel A also continues with soil water amending by water trucks and the water wagon. Full scale cut and fill have now begun in PB2 with a new staging area and equipment parkline built near Well Pad 2. The fill prep discing and pre-watering is now in Block 5 and fill has begun in Block 4 with cut coming from Block 1. The Designated Biologist (DB) and Biological Monitors (BM) completed all wildlife clearance transects ahead of grade moving to PB2 for Blocks 1-5. The DB and his BM have only the northeast ¼ of Block 8 and eastern 1/3 of Block 7 for all of PB2 foot clearance transects.

Largo caisson installation continues with pouring in Block 5 and surveying caisson locations in Block 1 of PB1.

Par Electric will begin installation of power poles through the linear corridor outside of the desert tortoise exclusion fence on Tuesday of next week accompanied by the required Biological Monitor. Par has completed most of the layout and frame up of the electrical power poles coming east through the linear corridor and erected some poles in the solar fields of PB2. All of the power pole locations staked in the solar fields were wildlife clearance surveyed by the DB and BM.

The DB and BMs continue to monitor the heavy equipment for fugitive fluid leaks and for ponding water at fill stations.

Daily monitoring of kit fox dens both on-site and off-site with collection of remote camera memory cards and photo documentation continues. This week Den 18 was backfilled by hand as required and Den 20 was dug up also by hand. It will be backfilled on Tuesday after the required number of days for the underground tunnel soil to be exposed to the UV rays of the sun. The Ultra Violet Rays will kill any potential CDV that may be present. On Friday 12-30-11 while finalizing foot clearance transects in Block 10 of PB2, the BM discovered recent prey remains at a new kit fox den (Den 21). The DB informed the Grading Foreman of the location and then installed the 300ft exclusion buffer of high vis pink flagging and lathe with 4 additional visual aid structures of high vis orange safety fence. Contractors will be installing authorized additional electric fence strands on the desert tortoise exclusion fence between the livestock barbless wires and on top of the T-posts next week to discourage ingress to the site by kit foxes. More details in the Wkly K Fox Synopsis.

A 100% tortoise exclusion perimeter fence check was conducted this week as always the first day of the week this week on Tuesday. The desert tortoise trap at the entrance to the solar field was cleaned out last Saturday due to the blowing sands. The monthly Raven Fixed Observation Pt CT was conducted last week on the 21st. Raven sightings continue in the solar fields following grading and often in the Common Area. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road killed animals were discovered on the access road in the linear corridor this week.

/s/ *Thomas Darden*

Thomas B. Darden, GSEP
Designated Biologist
(530) 604-5496

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report Date 12/30/11

Monitor: TBD, T. Mengistu BM
Veather Conditions: _clr, lgt winds a.m.__
High Temp.: __68pm___ Low Temp.:_____34am_____

Start Time: _0600hr_____ Stop Time: _1200hr____
Attachments:
Photographs:

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0604hr and do ATV walk around then DB/BM move to near Well Pad 2 where new Sukut staging area and equipment parkline has been made now that full scale grading occurring in PB2. After meeting BM is to continue foot clearance transects for last of Blocks 9 & 10 and southern ¾ of Block 8 all in PB2. DB moves to conduct well pad observations and off-site Den Obs. While DB is checking at Largo lay down area the HDPE pipes stored he receives call from BM of new den discovery (Den 21) with recent kit fox remains at den site shown below. Den is in southeast corner of PB2 Block 10 approx. 300m west of east fence line. Status of Den unknown. Cause of death for fox unknown. DB contacts grading foreman and grading straw to alert and then DB/BM begin installing 300ft buffer exclusion with the 4 added additional visual aid safety fence structures. Grading crew released at 1030hr. After installing exclusion buffer for Den 21 DB/BM depart solar field at 1210hr and DB to get oil changed and tires rotated on personal truck used for work.

Well Pad 2 – hr, 15255
Well Pad 0 – hr, 32373
Well Pad 1 – hr, 59391

Den 21 – discovered mid-morning

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	**Yes**	**No**	**N/A**	**Comments Attach Supplemental Report if needed**
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered singles flying over PB1 and PB2
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

12-30-11, Den 21 with fox leg and pelage remains

BIO-4
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BIO-6
New employees are all given the WEAP Training and associated sticker for their hard hats. The ECM retains the sign-in sheets and count of personnel that have been given the WEAP.

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The temporary Centerline Haul Road inside the exclusion fence as well as the access road in the linear corridor were checked daily for road kill. A new haul road is being constructed through Power Block 2 (PB2) now that grading has moved over from PB1. This month three road killed K rats were removed and buried. On Dec. 6th a sick kit fox was removed from the site and taken to the veterinarian but was euthanized after taking blood samples. A dead kit fox was found on Dec. 12th. This specimen as well as the specimen from the 6th was taken to the Lab for necropsy. A courtesy incident report was filed for both kit foxes as they are not a listed species and follow.

BIO-9
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Monitoring of the Desert Kit Fox (*Vulpes macrotis*) dens is on-going. There is currently 1 den within the solar fields.

The active dens are:
Den 21 located southeast Power Block 2.

Individual Den Status:
Den 20 Potentially active, 4 burrows, One remote camera to be placed. Discovered 12-30-11

No American Badgers (*Taxidea taxus*) or sign was observed during construction activities for September.

BIO-18

The 30 day pre-construction nest survey requirement expired on August 31st for burrowing owls. No Burrowing Owls (*Athene cunicularia*) or sign was observed during construction activities so avoidance measures were not applicable.

BIO-19

No special status plants have been observed during construction monitoring. ESA's were checked to ensure stakes and signs are in place.

Appendix C

Haz-6

Worker Environmental Awareness Program Training

Genesis Safety Orientation

	Signature	Print Name	Company	Date
1		Horacio Acosta	Largo	12/5/2011
2			Largo	12-5-11
3		JAIME ZURITA	LARGO	12-05-11
4		Enrique Montion	Largo	12-05-11
5		Michael L Butler	EJ Stutzman	12-02-11
6		NIKKY LIDE	DOE	12-12-11
7		Shira Granmayeh	DOE	12/12/11
8		Scott Drew	Work Persons	12/13/11
9		Avery Powis	PLANNER	12/13/11
10		Rodney Hoover	"	12/13-11
11		MARC MATEO	AIRPES	12/13/11
12		Harry Perry	PAR	12-14-11
13		JOE ESPINOZA	PAR	12-14-11
14		BOB WADES	PAR	12-14-11
15		Todd Johnson	ARB	12-14-11
16		Sergio Barragan	William scotsman	12-14-11
17		Albino Arias	William scotsman	12-14-11
18		Rod Humphreys	PAR	12-14-11
19		Don Mills	PAR	12/14/11
20		Alex C. Rojano	BP	12-16-11
21		Mark Fisher	PAR	12-20-11
22		Greg Sandoval	PAR	12-20-11
23		MARK E SCHEFFER	EJ STUTZMAN	12-21-11
24		Dennis Miller	EJ stutzman	1-3-12
25		LUCIAN RACHI	QUICK DECK	1-4-12
26		Daniel Rachi	Quick-Deck	1-4-12
27		Beniamin Rachi	Quick-Deck	1-4-12
28		Jessica DeBusk	SWCA	01-05-12
29		Lee Hall	SWCA	1-5-2012
30		Cara Corbeth	SWCA	1-5-2012
31				
32				
33				
34				
35				

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications

December Monthly Report of CBO Activities
Prepared on 1-01-12 by Robert DeKruse

GEN-6: Approved Special Inspectors

- Scott H. Vacula, PE – Designated Project Manager/Lead
- Aklilu Y. Estifanos – Soils, Reinforced Concrete, Structural Steel & Bolting, Welding
- Kenneth Crump – Soils, Reinforced Concrete
- Wayne Brockman – Soils (verified credentials)
- Hisham Rakban – Concrete, soils, asphalt
- **Robert Orta - Soils**

GEN-7: Facility Design Discrepancy Documentation

- RFIs changing approved design or construction must be approved by CBO

GEN-8: As-builts, CBO Notification of Completion and Compliance

- Due within 15 days upon completion of project work

CIVIL-1: CBO Submittals-Drainage and Grading, Statement of Submittal
The following submittals have been approved by the CBO: This month in bold type

- CIVIL-1-1.0 Civil Engineering Criteria
- CIVIL-1-1.0X1 Civil Engineering Criteria
- CIVIL-1-2.0 Access Road Package
- CIVIL-1-2.OX1 Access Road Package
- CIVIL-1-3.0 Geotechnical Engineering Report
- CIVIL-1-3.1 Supplemental Geo Report
- CIVIL-1-4.0 Temporary Tortoise Fence
- CIVIL-1-5.0 Preliminary Site Preparation Package
- **CIVIL-1-6.0 Caltrans Encroachment Pkg**
- CIVIL1-7.0 Grading and Drainage Drawings
- CIVIL-1-8.0 Reports and Studies
- CIVIL-1-9.0 Channel Drawings and Reports
- CIVIL-1-10.0 Solar Field 1 Site Grading Drawings
- CIVIL-1-11.0 Solar Field 2 Site Grading Drawings
- CIVIL-1-11.0X1 Solar Field 2 Site Grading Drawings
- CIVIL-1-12.0 Site Preparation Drawings
- **CIVIL-1-13.0 Finish Grading Power Block, Unit 1 Paving**
- CIVIL-1-500-Tempory Double Gate

CIVIL-3: CBO Site Grading Inspections

- No discrepancies this month from PSI
- Monitors on site daily

Bureau Veritas North America, Inc.
180 Promenade Circle, Suite 150
Sacramento, CA 95834

Main: (916) 617-2028
Fax: (916) 617-2068
www.us.bureauveritas.com

CIVIL-4: Final Grading Plans

- Due within 30 days upon completion of the erosion and sediment control mitigation and drainage work.

ELEC-1: Submittal – Electrical Equipment and Systems 480 Volts or higher
The following submittals have been approved by the CBO, this month in bold type

- ELECT-1-1.0 Gen set for Access Road
- ELECT-1-1.1 Gen set for Access Road
- ELEC-1-2.0 Temporary Panel for TW2
- **ELECT-1-3.0 Telephone and Communication Under Ground Conduit Route**
- ELEC-1-4.0 33kV Temporary Construction Bid Package
- ELEC-1-5.0 33kV Data Sheet and Specifications
- ELECT-1-6.0 Symbol and Legend
- ELEC-1-7.0 Installation Detail and Assembly Drawings
- ELEC-1-8.0 Electrical Specifications
- ELEC-1-9.0 12kV Specifications (12.47 KV Pad Mounted Transformer)
- ELECT-1-9.0X1 12.47 KV Specification
- ELEC-1-10.0 Grounding Plans
- ELEC-1-11.0 Electrical Specifications (460 V Induction Motors)
- ELEC-1-12.0 Electrical Specifications (600 V Power and Control Cable)
- ELECT-1-13.0 Electrical Drawings for Assembly
- ELEC-1-14.0 4160 V Diesel Generator
- **ELECT-1-15.0 Underground Conduit Cable Drawings**
- **ELECT-1-16.0 Electrical Grounding**
- **ELECT-1-17.0 Electrical Cable Schedules**
- **ELECT-1-18.0 Electrical Distribution Board Schedule**
- **ELECT-1-19.0 Electrical Cable Block Diagrams**
- **ELECT-1-20.0 Standard Detail Assembly Drawings**
- **ELECT-1-21.0 Specification Isolated Phase Bus Duct**
- **ELECT-1-22.0 12kv temp power construction power**
- **ELECT-1-23.0 Electrical Specifications**
- **ELECT-1-24.0 Embedded Conduit Stub Out Plan 1st-TRB-0100 foundation**

MECH-1: CBO Submittal – Plan Piping and Plumbing System Inspection Approvals

- **MECH-1-500 Application for AMMC Design and Construction Process Piping**
- **MECH-1-501 AMMC ACC Steam Duct**

MECH-2: CBO and Cal-OSHA Submittal – Pressure Vessel

- No CBO submittals or inspections this month

STRUC-1: CBO Submittals – Major Structure of Facility Design Component
The following submittals have been approved by the CBO, this month in bold type:

- STRUC-1-1.0 Sener Structural Drawings
- STRUC-1-3.0 Concrete Solar Foundation Drawings
- STRUC-1-7.0 Drilled Caisson Specification
- STRUC-1-8.0 Structural Standard Drawings
- STRUC-1-9.0 Drilled Reinforced Concrete Caissons Testing
- STRUC-1-10.0 Drilled Reinforced Concrete Caissons
- STRUC-1-11.0 Construction Trailer Complex
- STRUC-1-12.0 Common Area Assembly Line Building Drawings
- STRUC-1-500 Application for Alternate Mat and Methods of Caisson Construction
- STRUC-1-13.0 Steam Turbine Foundation
- **STRUC-1-15.0 Solar Field 2 Caisson Schedulet**
- **STRUC-1-16.0 Solar Field 2 Foundation Location**
- **STRUC-1-18.0 Power Block Unit 1 Water Sump Foundation & Calc**

STRUC-3: CBO Submittal – Design Changes, Revised Drawings, Specs and Calcs

- DCN-0-1CD-004 Changed Assembly Building concrete aprons to landings

STRUC-4: 2007 CBC Compliance for Toxic or Hazardous Materials

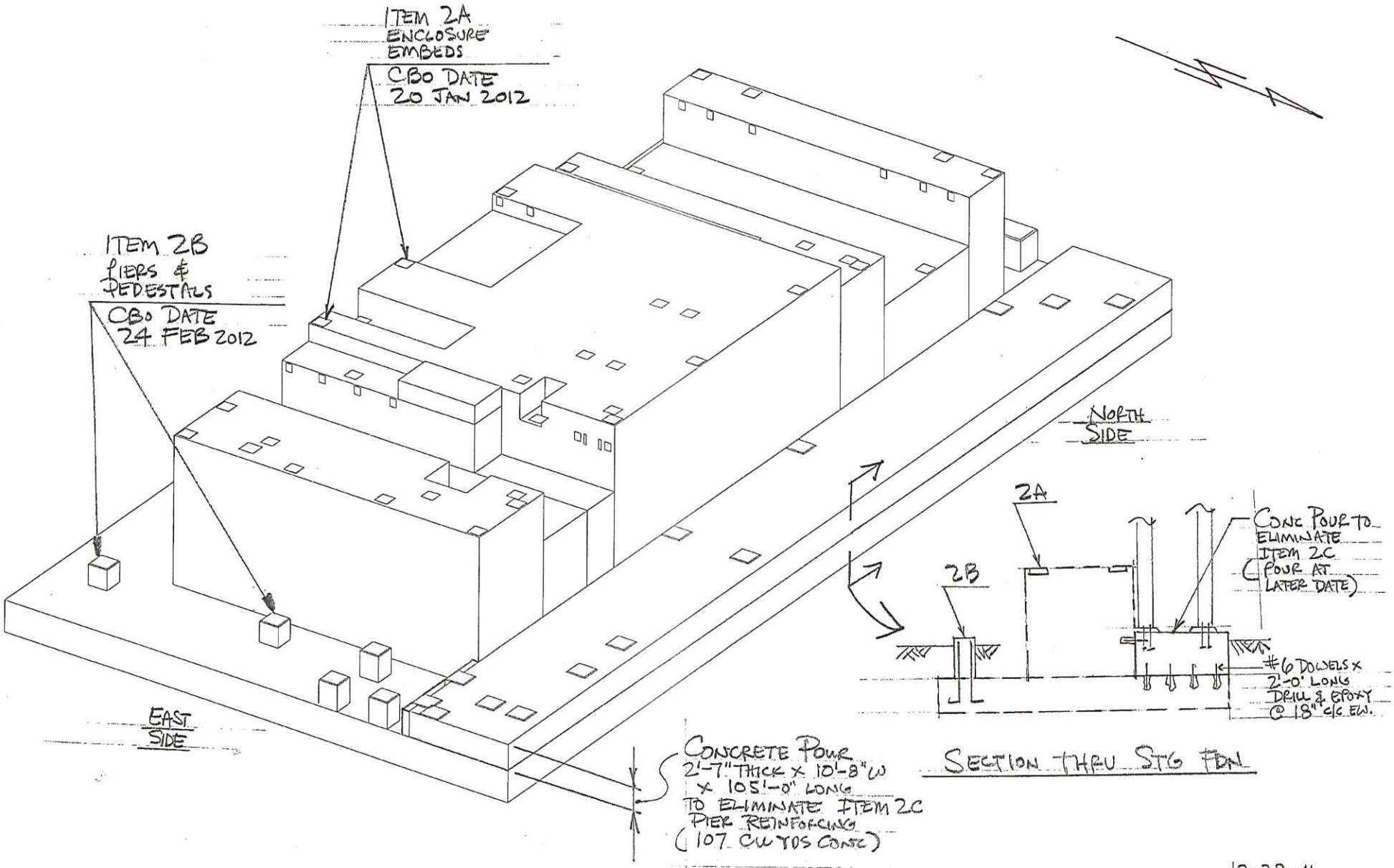
- No CBO submittals or inspections this month

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

- No CBO submittals this month

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

- No CBO submittals this month



SECTION THRU STG FDN

12-28-11
MJO.

REDACTED*

APPENDIX E

CULTURAL MONITOR REPORTS

CUL-8 and CUL-13

CONSTRUCTION MONITORING PLAN and FLAG AND AVOID

REDACTED*

*** This information is exempt from public disclosure as set forth in the Energy Commission's statutes and regulations (Pub. Resources Code, sec. 25300 et seq., Cal. Code Regs., Title 20 secs. 1361 et seq., 2501 et seq. and 2505 et seq.), and the California Public Records Act (Gov. Code, sec. 6250 et seq.)**

Genesis Solar Energy Project

Riverside County, CA

Thursday December 1, 2011

Leave town: 5:09 Arrive field: 5:34

Leave field: 10:55 Arrive town: 12:15 Total time onsite: 5h 21min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 10-01

Weather: Cold, cloudy and very windy in the morning

Mileage: Start – 11447 Stop – 11511

Equipment: *No grading today due to high winds*

Activity: Due to high winds, grading work was cancelled for the day. Archeology, Native American and Paleontology monitors were allowed to briefly sit in the cabs of two of the parked grading equipment, arranged by the grading superintendant as first-hand experience of what operators can and cannot see from the machines. Afterwards, a limited amount of grading for the pad of a new location for a water tank was to take place. Due to missing components, the grading was cancelled at 10:30.

No photographs were taken.

Genesis Solar Energy Project

Riverside County, CA

Friday December 2, 2011

Leave town: 5:12 Arrive field: 5:36

Leave field: 14:52 Arrive town: 16:01 Total time onsite: 8h 16min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold with some wind and rain in the morning, warmer in afternoon

Mileage: Start – 11511 Stop – 11576

Equipment: 10 scrapers, 1 paddlewheel scraper, 1 blade, 1 D9, 1 dozer, 1 tractor w/ bg

Activity: Machines started at 6:15, continuing to excavate water diversion channel along the eastern boundary of Solar Block 6 & 7, Unit 1.

Observed geology: (Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliche were exposed. No fossils observed in grading area.

Photo: View south along water diversion channel near Solar Block 6

Genesis Solar Energy Project

Riverside County, CA

Saturday December 3, 2011

Leave town: 5:09 Arrive field: 5:33

Leave field: 14:47 Arrive town: 15:15 Total time onsite: 9h 14min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold with some wind and clouds most of the day

Mileage: Start – 11578 Stop – 11644

Equipment: 10 scrapers, 1 blade, 1 dozer, 1 tractor w/ bg

Activity: Grading took place near the northern boundary line of Solar Block 6 of Unit 1 through the center of the block for the entire day

Observed geology: (Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliche were exposed. No fossils observed in grading area.

Photo: View south of grading in Solar Block 6, Unit 1

Genesis Solar Energy Project

Riverside County, CA

Monday, December 5, 2011

Leave town: 5:10 Arrive field: 5:34

Leave field: 16:06 Arrive town: 17:15 Total time onsite: 10h 32min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold, clear with high winds most of the day

Mileage: Start – 11653 Stop – 11720

Equipment: 10 scrapers, 1 blade, 1 dozer, 1 tractor w/ bg

Activity: Work started with the continuation of grading in the water diversion channel east of Solar Block 6 & 7. After completion of the channel, activity moved to the center of Solar Block 6 for the remainder of the day.

Observed geology: (Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliche were exposed. No fossils observed in grading area.

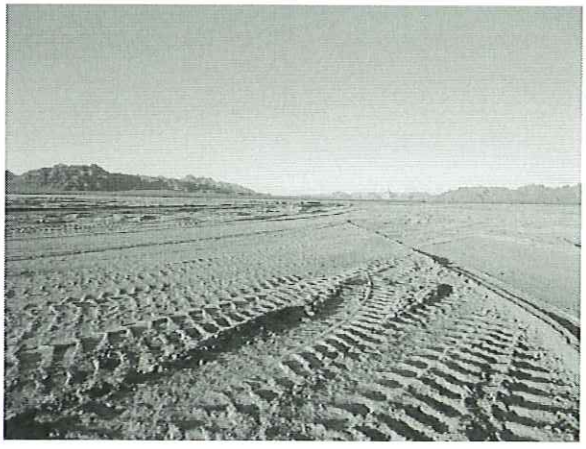


Photo: View north from Solar Block 6

Photo: View north along Water Diversion Channel

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 6, 2011

Leave town: 5:26 Arrive field: 5:54

Leave field: 15:20 Arrive town: 16:22 Total time onsite: 9h 26min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold, clear with high winds in the morning, warmer and calmer in the afternoon

Mileage: Start – 11720 Stop – 11787

Equipment: 10 scrapers, 1 blade, 1 dozer, 1 tractor w/ bg, 1 D9

Activity: Drilling began on the caissons in Solar Block 5. 20 holes were augured in the northeast corner of the block. Grading continued in Solar Block 6 and should be completed by tomorrow

Observed geology: (Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliche were exposed. No fossils observed in either the grading area or during the drilling.

Note: No photos were taken today.

Genesis Solar Energy Project

Riverside County, CA

Wednesday, December 7, 2011

Leave town: 5:15 Arrive field: 5:45

Leave field: 15:17 Arrive town: 15:58 Total time onsite: 9h 32min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning, warmer in the afternoon

Mileage: Start – 11787 Stop – 11853

Equipment: 10 scrapers, 1 blade, 1 dozer, 1 tractor w/ bg, 1 D9

Activity: Drilling continued for the caissons in Solar Block 5. 34 holes were augured in the northeast corner of the block. Clean-up grading took place in Solar Blocks 4,6 and 8.

Observed geology: Grading:(Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliches were exposed.
Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed in either the grading area or during drilling.

Photo: View west of drilling in Solar Block 5

Photo: View south of graded area in Solar Block 8

Genesis Solar Energy Project

Riverside County, CA

Thursday, December 8, 2011

Leave town: 5:24 Arrive field: 5:48

Leave field: 17:03 Arrive town: 17:32 Total time onsite: 11h 15min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning, warmer in the afternoon

Mileage: Start – 11876 Stop – 11919

Equipment: 10 scrapers, 1 blade, 1 dozer, 1 tractor w/ bg, 1 D9

Activity: Drilling continued for the caissons in Solar Block 5. 26 holes were augured in the northeast corner of the block. Clean-up grading took place in Solar Block 6 and activity along the water diversion channel.

Observed geology: Grading:(Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliches were exposed.
Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed in either the grading area or during drilling

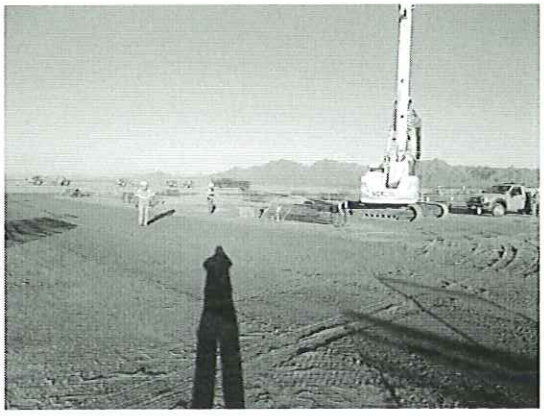


Photo: View northwest from Solar Block 5

Photo: View of one of the boreholes in Solar Block 5

Genesis Solar Energy Project

Riverside County, CA

Friday, December 9, 2011

Leave town: 5:24 Arrive field: 5:48

Leave field: 15:49 Arrive town: 17:30 Total time onsite: 10h 1min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning, warmer in the afternoon

Mileage: Start – 11919 Stop – 12004

Equipment: 10 scrapers, 1 blade, 1 dozer, 1 tractor w/ bg, 1 D9

Activity: Drilling continued for the caissons in Solar Block 5. 27 holes were augured in the northeast corner of the block. Clean-up grading took place in Solar Block 6 and Contour Area 1, Unit 1.

Observed geology: Grading:(Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliches were exposed.
Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed in either the grading area or during drilling.

Archeologists found 1 carapace fragment and 1 nearly complete scapula of desert tortoise in Solar Block 4 and 1 tortoise carapace fragment in Contour Area 1.

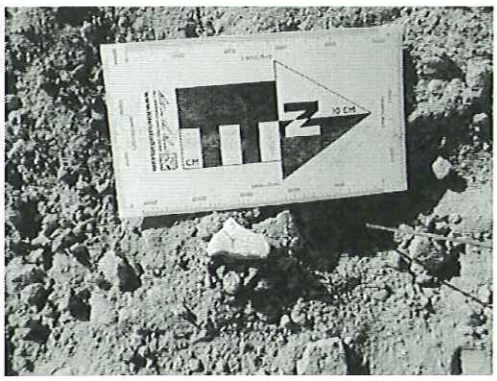


Photo: Bone fragment from Contour Area 1

Photo: View north from site in Contour Area 1

Genesis Solar Energy Project

Riverside County, CA

Monday, December 12, 2011

Leave town: 5:26 Arrive field: 5:49

Leave field: 15:24 Arrive town: 15:52 Total time onsite: 9h 35min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold, cloudy with some rain most of the day

Mileage: Start – 12094 Stop – 12165

Equipment: 10 scrapers, 1 blade, 1 dozer, 1 tractor w/ bg, 1 D9

Activity: Drilling continued for the caissons in Solar Block 5. 20 holes were augured in the northeast corner of the block. Clean-up grading continued to take place in Solar Block 6 and Contour Area 1, Unit 1.

Observed geology: Grading:(Alluvium) - At approximately 30 cm in depth, the sediment changes to a mix of channelized pebble and gravel-sized, poorly sorted, subangular to subrounded clasts of predominantly igneous (granitic-dominant)or metamorphic origin. At 1 – 1.2 meters, reddish-brown clay-rich silts and fine sands and caliches were exposed.
Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed in either the grading area or during drilling.

Note: Met with new paleontologic monitor. He monitored activity in Solar Block 6.

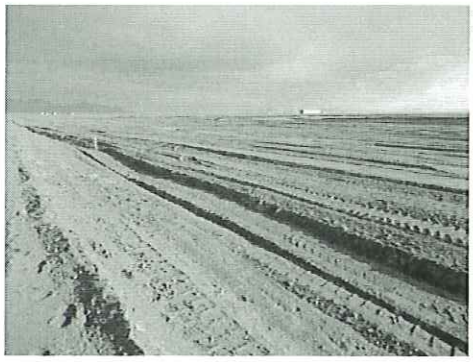


Photo: View east of Solar Block 6

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 13, 2011

Resource Monitors: Scott Musick, Patrick Riseley

Monitor 1: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold, clear with high winds in the morning, warmer and calmer in the afternoon

05:34: Leave town

05:56: Arrive in field

06:07: JHA Meeting

06:15: Monitoring Caisson Borehole Drilling in Solar Block 5, Unit 1: screened spoils for fossils

13:15: Contacted by archeology monitors to identify bone fragments found in Unit 2

-Bones found in two locations: neither could be identified to taxa; one fragment moderately fossilized

-Briefly surveyed area for other bones-no fossils found in area

15:30: Returned to Block 5 to continue monitoring drilling

16:30: Drilling stopped for the day - Daily total of borings: 31-no fossils found

16:54: Left field

18:00: Arrived in town Total time onsite: 10h 58min

Mileage: Start – 12169 Stop – 12238

Photo: View north of area in Unit 2

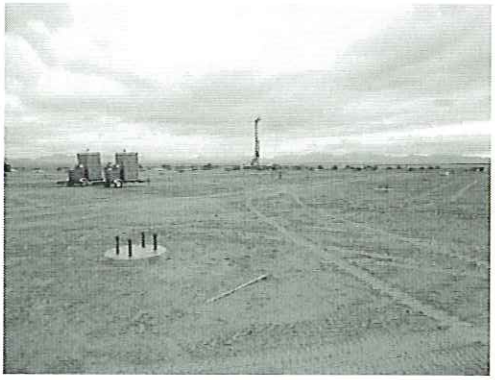


Photo: View southwest of Solar Block 5

Monitor 2: Patrick Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: Windy with periods of clouds

0520: Leave town

0540: Arrive field

0555: Attended JHA Meeting for monitors

0615: Attended Sukut JHA Meeting

0630: Monitored excavation in Solar Block 6 for most of the day

-Equipment: 2 Caterpillar 16G Motor Graders, 1 base grader, up to 11 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 657 water pull, and 4 six wheeled water trucks

-Observed geology: (Qal) – Well indurated Reddish Brown calichified silt-sand-gravel-clay marl with medium to dark gray south to southwest oriented stringers of foliated/nonfoliated metamorphic rock + quartz pebble gravelly sand overlain by poorly indurated to loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands finding one questionable beetle carapace in dark gray gravel stringer at minus 5.5 feet which may be fossil as PWR 13-12-11-01.

1500: Excavation ended for the day:

1520: Leave field

1600: Arrive town Total time onsite: 9hrs 40min

Mileage: Start – 136669 Stop – 136733

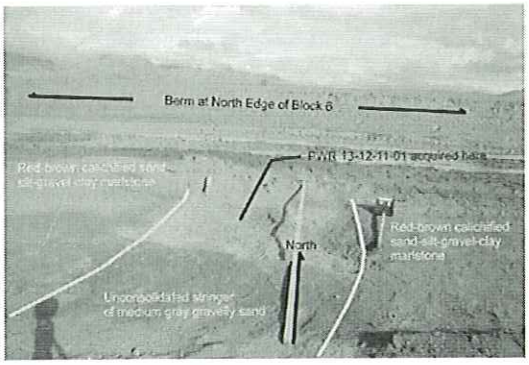


Photo: Gravel channel with Beetle Carapace

684766mE, 3727710mN

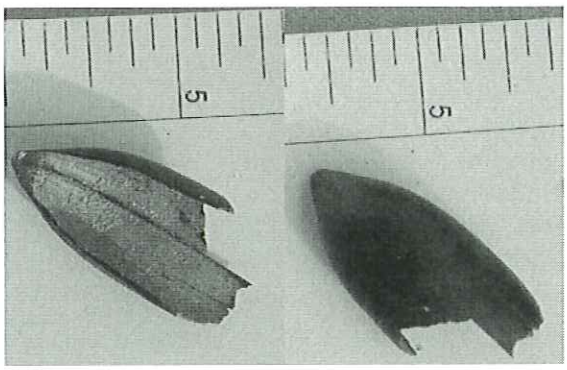


Photo: Obverse and Reverse of Carapace

684765mE, 3727713mN

Genesis Solar Energy Project

Riverside County, CA

Wednesday, December 14, 2011

Leave town: 5:21 Arrive field: 5:48

Leave field: 16:04 Arrive town: 16:40 Total time onsite: 10h 16min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold with dense fog in the morning, warm and clear in the afternoon

Mileage: Start – 12238 Stop – 12312

Activity: -0700: Drilling continued for the caissons in Solar Block 5.

-0930: Received call by archeology monitor about bone found on the surface in Solar Block 2, Unit 2. Examined bone, found to be fossil tortoise, possibly femur but very rounded—geocoded and photographed but not collected (N.S.F.).

Also examined another bone fragment found in Block 2, Unit 2. Bone was not diagnostic to specific taxon beyond being mammalian-also geocoded but not collected.

-1100: Returned to monitor drilling

-1330: Called again by archeologists in Unit 2 to examine another bone found on the surface of Block 2. Bone appeared to be desert tortoise but could not determine element, perhaps carapace, but without diagnostic feature like a sulcus groove-geocoded and photographed but did not collect.

- 1400: Returned to monitor drilling

-1500: Drilling concluded for the day

37 holes were augured in the northeast corner of Block 5.

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade. No fossils observed during drilling.

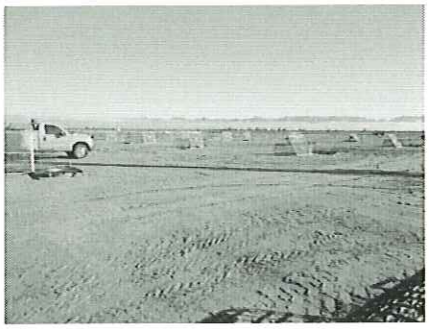


Photo: View northeast from Block 5, Unit 1

Photo: View north from Block 5, Unit 2

Genesis Solar Energy Project

Riverside County, CA

Thursday, December 15, 2011

Leave town: 5:17 Arrive field: 5:45

Leave field: 15:17 Arrive town: 16:15 Total time onsite: 9h 32min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold with high clouds in the morning, warmer in the afternoon

Mileage: Start – 12337 Stop – 12381

Activity: 0600: Monitor JHA Meeting with AECOM archeologists

0630: Met with drilling crew to monitor continued drilling for caissons. Continued screening one sample from each borehole

1430: Drilling stopped for the day

Number of caissons augured for the day: 35

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed during drilling

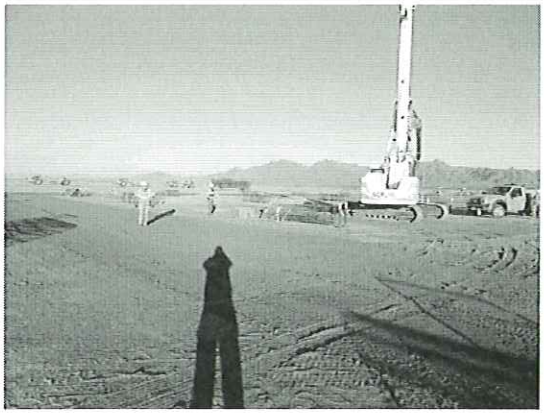


Photo: View northwest from Solar Block 5

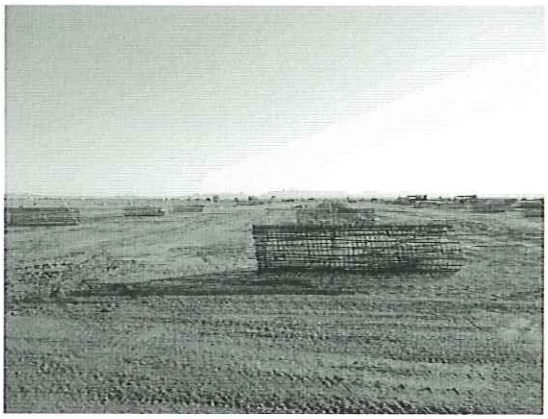


Photo: View of south in Solar Block 5

Genesis Solar Energy Project

Riverside County, CA

Friday, December 16, 2011

Leave town: 5:14 Arrive field: 5:46

Leave field: 11:52 Arrive town: 12:30 Total time onsite: 7h 06min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear with high winds in the morning

Mileage: Start – 12766 Stop – 12832

Activity: 0615: Met with drilling crew. Drilling continued for the caissons in Solar Block 5.

1130: Drilling concluded for the day

39 boreholes were augured in Solar Block 5 by two drill crews

Strong winds blew throughout the operating time, with short calm periods in between. Blowing dust was a constant issue due to the lack of soils and the fine grain of most of the sediment.

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed in during drilling.

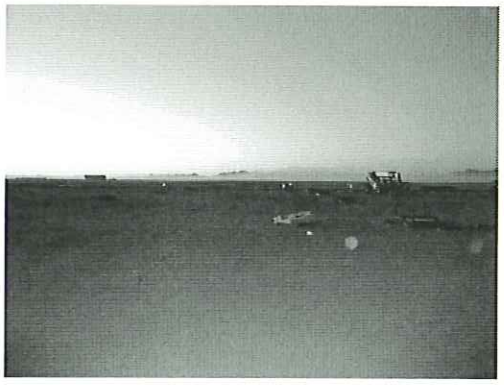


Photo: View south from Solar Block 5 of blowing dust in and around GSEP

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 16, 2011

Leave town: 0530 Arrive field: 0550

Leave field: 1530 Arrive town: 1600 Total time onsite: 9hrs 40min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: cool and mostly clear with a passing cloud

Mileage: Start – 136990 Stop – 137044

Equipment: 2 Caterpillar 16G Motor Graders, 1 D9 Dozer, 1 base grader, up to 11 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 651 water pull, and 4 six wheeled water trucks

Activity: I met the monitor crew at 0610 and attended JHA for monitors at 0615 then Sukut JHA at 0630, signed rosters for both and also SWCA JHA sheet. Monitored excavation the Eastern Diversion Channel **Area "B"** between station 35 and approximately 25 (stakes not marked) before 0730hrs at which time a dense and partially mineralized rootlet was found at station 32+33 and 32 feet projectward from the top of the outside diversion channel slope at 4.5 feet below original ground. The 6 inch fossil root fragment was photographed (below) and wrapped in aluminum foil then bagged as floral specimen PWR 19-12-11-01. I trimmed interior slope in area B Diversion Channel at approximate Station 32+25 and measured 6.5 feet of strata before following mass grading to Western Diversion Channel, **area "A"** where finished subgrade between station 63 and the inversion point to area B by 1200 to 1230 lunchtime. Mass grading after lunch shifted to range between area A stations 50 and 63. I monitored excavations in Diversion Channel Area A all afternoon but my fieldbook was accidently dropped in the active cut without my knowledge at approximately 15 minutes before excavations ceased at 1500 hrs. I searched the fill for the mass-graded field book until the remains of the book were found at 1510hrs then departed the site. All project field notes survived.

Observed geology: (Qal) – Poorly indurated light red- brown silty sandstone with pebbles overlain by unindurated light gray-tan fine to coarse sand with granitic, marble and other nonfoliated and metamorphic rock pebbles (PWR 19-12-11-01) then indurated and calichified (up to 20%) sand-silt-gravel-clay marlstone with medium to dark gray south to southwest oriented fissure fills of foliated/nonfoliated metamorphic rock + quartz pebble gravelly sand erosionally unconformable beneath poorly indurated to loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands. A piece of partially mineralized wood was found today as PWR 19-12-11-01.

Genesis Solar Energy Project

Riverside County, CA

Friday, December 16, 2011

Leave town: 5:19 Arrive field: 5:41

Leave field: 15:02 Arrive town: 15:26 Total time onsite: 9h 21min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning, warmer in the afternoon

Mileage: Start – 11919 Stop – 12004

Activity: 0600: Monitors' JHA Meeting with AECOM archeologists

0615: Met with drilling crew. Drilling continued for the caissons in Solar Block 5.

0730: Drilling stopped after crew discovered damaged cable.

0915: After replacing damaged cable, returned to drilling for caissons

1300: Spoke with representatives of BLM and Next Era accompanied by Jessica Auck

1430: Drilling concluded for the day

28 boreholes were augured in Solar Block 5.

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed in during drilling.

Photo: View south from Solar Block 5

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 16, 2011

Leave town: 0525 Arrive field: 0545

Leave field: 1440 Arrive town: 1500 Total time onsite: 8hrs 55min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: Co0l and breezy with an occasional sprinkle

Mileage: Start – 136840 Stop – 136892

Equipment: 2 Caterpillar 16G Motor Graders, 1 D9 Dozer, 1 base grader, up to 11 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 651 water pull, and 4 six wheeled water trucks

Activity: I met the monitor crew at 0550 and attended JHA for monitors then Sukut JHA at 0615, signed rosters for both and also SWCA JHA sheet. Monitored excavation the Western Diversion Channel area between station 67 and 72+50 before 0730hrs then in the eastern channel between stations 72+50+/- and 67 until they ceased in that spread at approximately 1015hrs. Main mass-grading excavation consisted of trimming the outside perimeter of the Eastern Diversion Channel between station 67 and 35 at which point excavations ceased at 1415hrs. I trimmed interior slope in Western Diversion Channel at Station 65+90 and measured 7.5 feet of strata. I also borrowed Mr. Musick's camera to take a photographs of the exposed stratigraphy.

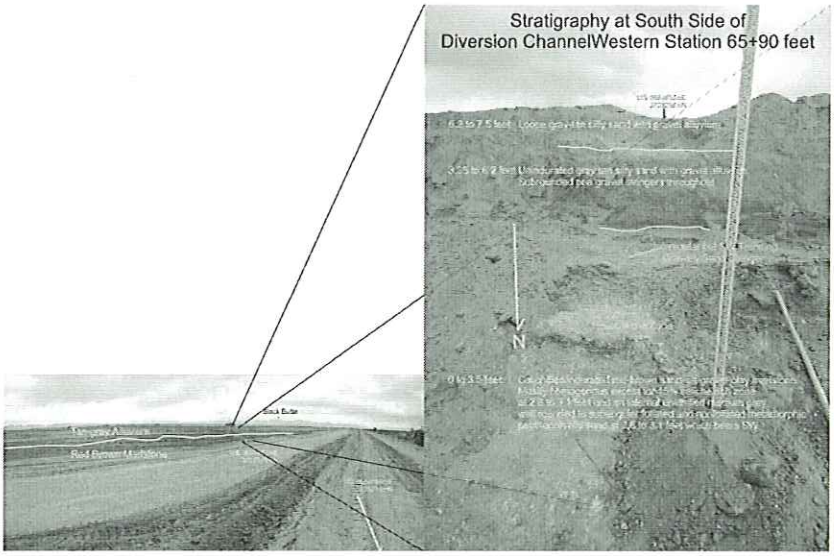


Photo: Medley showing representative stratigraphy in Western Diversion Channel @station 64 to 67

Observed geology: (Qal) – Indurated Reddish Brown calichified (up to 20%) sand-silt-gravel-clay marlstone with medium to dark gray south to southwest oriented stringers of foliated/nonfoliated metamorphic rock + quartz pebble gravelly sand erosionally unconformable beneath poorly indurated to loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands. No fossils were recovered today.

Genesis Solar Energy Project

Riverside County, CA

Monday, December 19, 2011

Leave town: 5:26 Arrive field: 5:49

Leave field: 16:48 Arrive town: 17:34 Total time onsite: 10h 59min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear with some high clouds in the morning, warmer with increasing cloud in the afternoon

Mileage: Start – 12482 Stop – 12549

Activity: Drilling continued for the caissons in Solar Block 5. 42 holes were augured in the northeast corner of the block.

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed during drilling.

Photo: View south of Solar Block 5

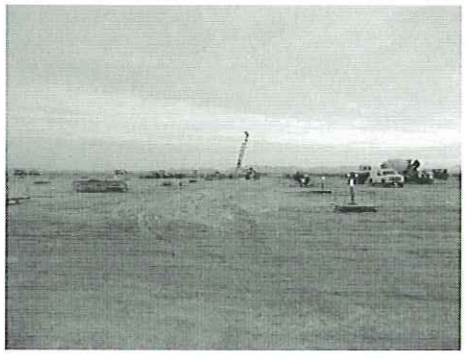


Photo: Later View south of Solar Block 5

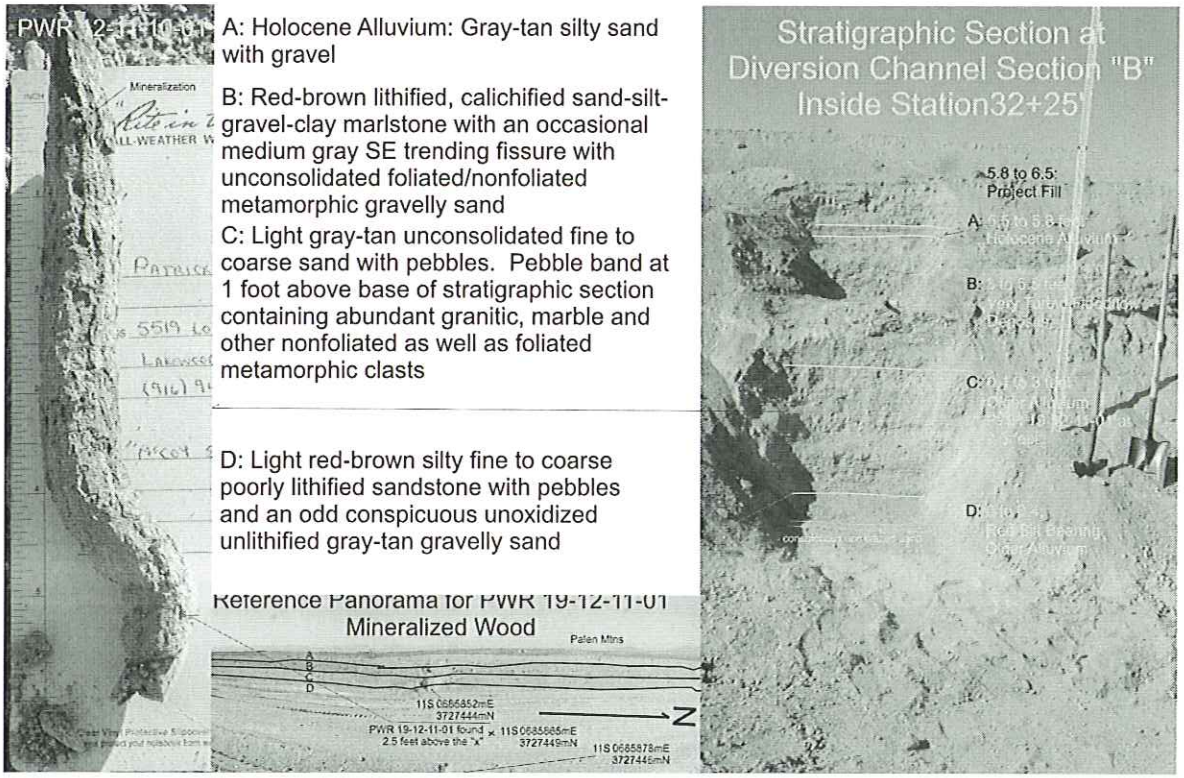


Photo: Medley showing partially mineralized rootlet fragment with its representative stratigraphy in Eastern or "Area B" Diversion Channel between stations 35 and 27

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 20, 2011

Leave town: 0550 Arrive field: 0610

Leave field: 1715 Arrive town: 1735 Total time onsite: 10hrs 05min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: cool and mostly clear with a passing cloud

Mileage: Start – 137044 Stop – 137098

Equipment: *Mass Grading*- 2 Caterpillar 16G Motor Graders, 1 D9 Dozer, 1 base grader, up to 11 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 651 water pull, and 4 six wheeled water trucks, *Genesis "T" Line:* 2 Degger Derrick Line Trucks with 6 footX18" Auger Attachments, one Deere 410J Backhoe, one Terex 760B backhoe, and a 500 gallon water trailer.

Activity: I met the monitor crew at 0625 and attended Sukut JHA at 0630, signed rosters for both and also SWCA JHA sheet. Monitored Diversion Channel "A" excavations from 0645 to 1500 hrs between approximate stations 65 and 42 (below station 47 stakes not marked). Two representative photos of Diversion Channel "A" cut areas are attached. I discovered an oil spill at approximate station 32+40 to 80 some time after 0730hrs and stood at the spot to exclude the area from excavation while Native American Monitor, Roman, went to notify the appropriate personnel of the spill. Soil Engineer arrived and took over the spill area by approximately 0815hrs and later biological monitor Dave Charlton took custody of the spill site. I inquired Mr. Charlton regarding expected groundbreaking for the Genesis "T" Line power easement and he told me that excavations will not begin until 03 January 2012. I noticed 5 erected power poles (162, 163, 176, 177, 179, and 180) upon leaving Genesis Solar Unit 1 at approximately 1515 hrs. I met SWCA environmental paleontological Monitor Scott Musick at 1520 hrs. Mr. Musick Departed a little after 1535hrs and I monitored 6 to 6.5 foot deep 18 inch auger holes for power poles 178, 181, 182, and 183 as well as 8 foot deep Guy Anchor pits for poles 176 and 177 before excavations ceased at approximately 1700 hrs.

Observed geology: (Qal) Unindurated light gray-tan fine to coarse sand with granitic, marble and other nonfoliated and metamorphic rock pebbles then indurated and calichified (up to 20%) sand-silt-gravel-clay marlstone with medium to dark gray south to southwest oriented fissure fills of foliated/nonfoliated metamorphic rock + quartz pebble gravelly sand erosionally unconformable beneath poorly indurated to loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands. No fossils were found in the cut today.

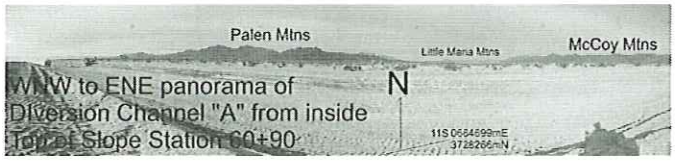


Photo: Four photo panorama showing Diversion

Channel "A" Excavation WNW to ENE at south side

Station 60+90, 11S: 0684699mE 3728256mN

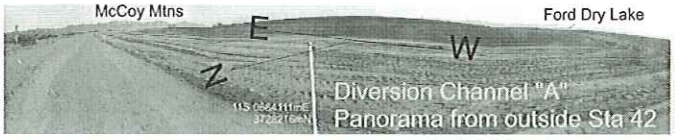


Photo: Four photo panorama showing Diversion

Channel "A" excavation ENE to SW at north side
approximate station 42 11S 0684111mE 3728216mN

Genesis Solar Energy Project

Riverside County, CA

Wednesday, December 21, 2011

Leave town: 5:17 Arrive field: 5:41

Leave field: 15:48 Arrive town: 16:26 Total time onsite: 10h 07min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning, warm and clear in the afternoon

Mileage: Start – 12615 Stop – 12685

Activity:-0615: Monitor JHA with AECOM monitors
-0630: Met with drill crew to monitor drilling for the caissons in Solar Block 5.
-1335: Received call by archeology monitor about bone found on the surface in Solar Block 5, Unit2. Examined bone, found to be fossil tortoise, possibly part of pelvis, slightly abraded —was geocoded by archeology monitor, photographed by P. Riseley and was collected by me.
Also examined another bone fragment found in Block 5, Unit 2. Bone was not diagnostic to specific taxon beyond being mammalian- photographed by P. Riseley, but not collected.
-1415 below: Returned to monitor drilling
-1500: Drilling concluded for the day
40 holes were augured in the northeast corner of Block 5.

Note: Second drill crew arrived earlier today to begin work tomorrow (Dec. 22).

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet grade. No fossils observed during drilling.

Photo: View west of Solar Block 5, Unit 1

Genesis Solar Energy Project

Riverside County, CA

Thursday, December 22, 2011

Leave town: 5:10 Arrive field: 5:34

Leave field: 10:06 Arrive town: 10:40 Total time onsite: 4h 32min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold with high winds in the morning

Mileage: Start – 12686 Stop – 12752

Activity: 0600: Monitor JHA Meeting with AECOM archeologists

0630: Met with drilling crew to monitor continued drilling for caissons. Due to high winds, elected to not screen samples today

0900: Drilling stopped for the day due to poor working conditions

Number of caissons augured for the day: 19 between two crews

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed during drilling

Photo: View of south in Solar Block 5, Unit 2. Notice the blowing dust obscuring the mountains to the south

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 22, 2011

Leave town: 0537 Arrive field: 0555

Leave field: 0715 Arrive town: 0735 Total time onsite: 1hrs 20min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: windy, cold, and clear

Mileage: Start – 137161 Stop – 137213

Equipment: *Mass Grading*- Tractor and disc-harrows (fill prep), Caterpillar 651 water pull, and 4 six wheeled water trucks, *Genesis "T" Line:* 2 Degger Derrick Line Trucks with 6 footX18" Auger Attachments

Activity: I met the Par crew at 0605 and attended Par JHA, then intended to continued to Sukut JHA at 0630, signed roster at Par JHA. Sukut is not running scrapers for mass grading today because of the wind and cancelled their 0630 JHA sending scraper hands home. Par will not be doing any excavating today pending arrival of Terex mechanic for repair of disabled backhoe, permit to begin excavation along GSEP access road, or arrival of shipment(s) of additional parts for power poles to rest within Area 2. I awaited arrival of mechanic until approximately 0700hrs, then departed the site after making sure that Par Electrical Contractors Environmental Specialist, Bob Nodes, had my contact number in case excavations resume. I emailed SWCA Paleontological Coordinator Jess DeBusk to update her on the weather-permit-equipment-materials delay. Worked on other paperwork and forms for a couple of hours at lodging. I also telephoned Bob again at 1705hrs to confirm resumed work on 23 December.

Observed geology: No mass grading or pole installation excavation today.

Genesis Solar Energy Project

Riverside County, CA

Friday, December 23, 2011

Leave town: 0607 Arrive field: 0625

Leave field: 1200 Arrive Lakewood: 1600 Total time onsite: 5hrs 05min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: windy, cold, and clear

Mileage: Start – 137268 Stop – 137517

Equipment: *Mass Grading*- Skip Loader and one 6 wheeled water truck *"T" Line:* 1 Degger Derrick Line Trucks with 6 footX18" Auger Attachment and Deere 410J backhoe

Activity: I met the Par crew at 0634hrs received summary of and signed safety sheet for Par JHA. Sukut did not run scrapers again today because of continued strong wind. Par concentrated their efforts in the vicinity of the NW end of the "T" line and placed poles 225 and 224 today. Par also place additional guy braces for poles 217 and 219 with the 410J backhoe as well as south guy brace for pole 224. Pole holes for 224 and 225 and guy brace excavations north of 225 were made with the line truck's 18 inch by 4 foot auger. Pole hole depth is generally 6.5 feet and guy brace excavations to minus 8 feet. I collected 50 pounds each of the minus 2 to 3 foot interval at pole hole 225 and 5 to 8 feet in south guy-brace excavation at pole 224. Samples were sifted to + 1/8th of an inch size and inspected visually. Construction debris was observed in the first 15 lbs of the pole 225 sample so the remaining 35 pounds was discarded without additional sifting. South pole 224 guy brace sample was sifted completely and yielded 25 pounds of gypsum nodules growing around igneous and metamorphic pebbles and granules. The nodular gypsiferous material was photographed. Received notification that Par will not be performing any excavation on Monday, 2 January 2012. Excavation was completed by 1110hrs and I wrote field notes until 1130hrs then spoke with Par Superintendent and Scott Musick until 1145 hrs before leaving the excavation area.

Observed geology: In eight foot excavation for pole 224 south guy brace: Project disturbed materials to minus 1.5 feet underlain by loose gray-tan Holocene alluvium to minus 2 feet unconformably underlain by lithified sand-silt-clay-gravel marlstone to 5 feet and unlithified granitic igneous and both foliated and non-foliated metamorphic pebbley light tan-gray alluvium with gypsum crystals and nodules to at least 8 feet. No fossils were observed today.

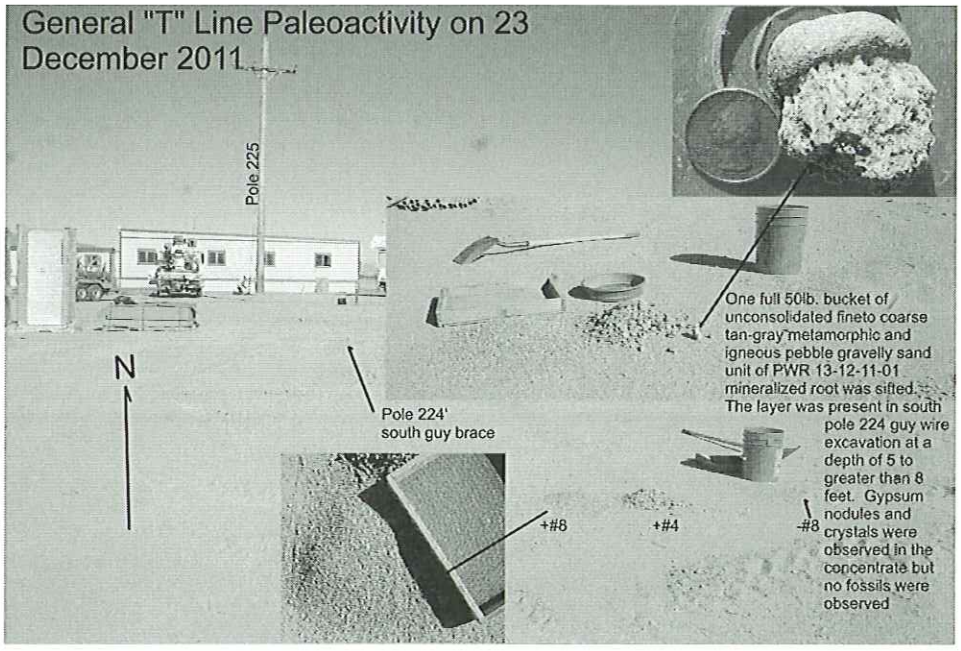


Photo: Brief summary of today's paleo-activities from and 0685731mE and 3726848mN

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 27, 2011

Resource Monitor: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning, warmer in the afternoon

05:20: Leave town

05:41: Arrive in field

06:10: Monitor JHA Meeting w/ AECOM monitors

06:30: Safety meeting with Largo Concrete and Anderson Drilling

06:50: Monitoring Caisson Borehole Drilling in Solar Block 5, Unit 1: screened spoils for fossils

07:45: Contacted by cultural monitors who found a bone in Block 4, Unit 2; examined bone as not fossil, identifying it as phalanx of mammal of uncertain genus, deferred back to archeologist to have I.D'd. (Later found to be modern sheep phalanx.)

08:30: Returned to Block 5, Unit 1 to monitor drilling

14:30: Drilling stopped for the day - Daily total of borings: 40 -no fossils found

15:00: Drove to Block 4, Unit 2 to help archeologists to monitor discing

16:00: Activity stopped

16: 28: Left field

17:26: Arrived in town Total time onsite: 10h 47min

Mileage: Start – 12861 Stop – 12934

Photo: View northwest, Block 5, Unit 1

Photo: typical borehole spoils, Solar Block 5, Unit 1

Genesis Solar Energy Project

Riverside County, CA

Tuesday, December 27, 2011

Leave town: 0551 Arrive field: 0608

Leave field: 1515 Arrive town: 1600 Total time onsite: 9hrs 7min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: Cold calm and clear to warm calm and clear

Mileage: Start – 137823 Stop – 137890

Equipment: 2 Caterpillar 16G Motor Graders, 1 D9 Dozer, 1 base grader, up to 10 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 651 water pull, and 4 six wheeled water trucks

Activity: I met Mr. Musick at 0620hrs and received safety brief before signing SWCA JHA form. I then attended Sukut JHA at 0630 then was briefed by an archaeologist re: monitor JHA, signed rosters for both. Monitored excavation of Diversion Channel "A" between 11S 0683430mE/3728084mN and 0683858mE/3728170mN (photo), then in the NE and NW parts of Unit 1, Block 8 (photo), and finally in Diversion Channel "C" between 11S 0685883mE/3727171mN and 0686141mE/3727176mN (photo). Excavations ceased at 1500hrs..

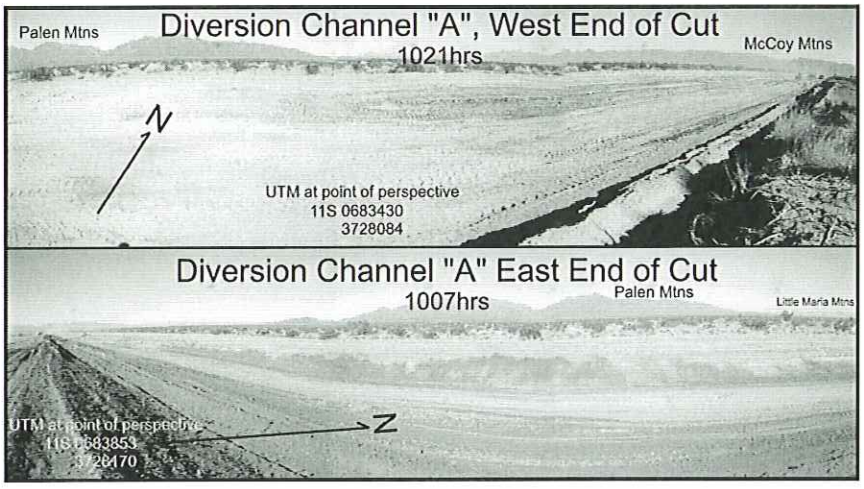


Photo: Medley showing Diversion Channel "A" excavation to 1021hrs

Observed geology: (Qal) – unindurated light tan-gray igneous/granitoid and foliated/unfoliated metamorphic clast gravelly fine to coarse pebble "seeded" gypsum nodule bearing alluvium under Indurated Reddish Brown calichified (up to 20%) sand-silt-gravel-clay marlstone with medium to dark gray south to southwest oriented stringers of foliated/nonfoliated metamorphic rock + quartz pebble

gravelly sand erosionally unconformable beneath poorly indurated to loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands. No fossils were recovered today.

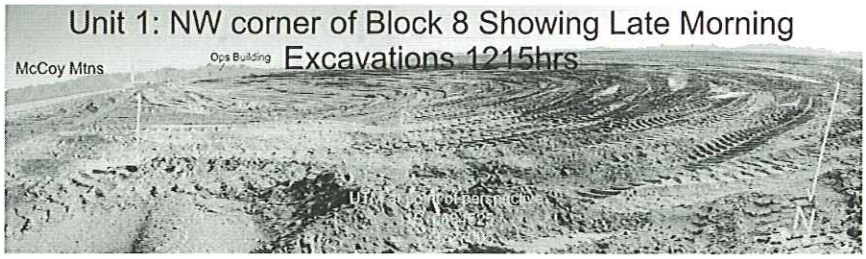


Photo: Stitched 3 image panorama showing results of grading in the NW and NE parts of Unit 1, Block 8 today. Perspective at NW corner of Block 8 0684525mE/3727095mN

Photo: Stitched 3 image panorama showing results of grading in the West part of Diversion Channel "C" today Perspective at SW corner of cut 0685883mE/3727171mN

Genesis Solar Energy Project

Riverside County, CA

Wednesday, December 28, 2011

Leave town: 5:06 Arrive field: 6:12

Leave field: 15:30 Arrive town: 17:13 Total time onsite: 9h 18min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning warm and clear in the afternoon

Mileage: Start – 12947 Stop – 13024

Activity:-0635: Met with drill crew to monitor drilling for the caissons in Solar Block 5.
-1330: Drilling concluded for the day

40 holes were augured by the first drill crew in the northeast corner of Block 5. Second drill crew augured 38 holes for a total of 78 caisson boreholes for the day.

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet grade. No fossils observed during drilling.

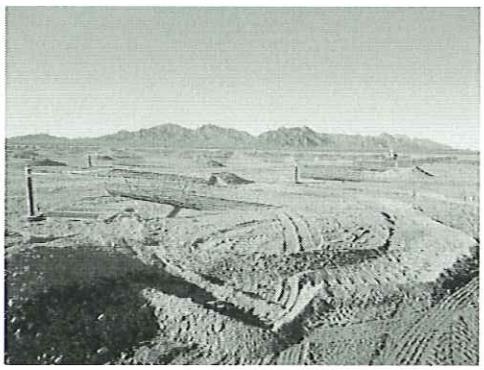


Photo: View northwest, Block 5, Unit 1

Photo: typical borehole spoils, Solar Block 5, Unit 1

Genesis Solar Energy Project

Riverside County, CA

Wednesday, December 28, 2011

Leave town: 0532 Arrive field: 0550

Leave field: 1315 Arrive town: 1500 Total time onsite: 7hrs 25min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: Cold, calm, and clear to warm, calm, and clear

Mileage: Start – 137890 Stop – 137946

Equipment: 2 Caterpillar 16G Motor Graders, 1 D9 Dozer, 1 base grader, up to 11 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 651 water pull, and 4 six wheeled water trucks

Activity: Arrived at Sukut parking by 0605hrs and attended Aecom monitors Job Hazard Analysis (JHA) at 0610hrs then attended Sukut JHA at 0630hrs and signed rosters for both JHA meetings. Monitored continued excavation of Diversion Channel "C" between 11S 0685883mE/3727171mN and 0686141mE/3727176mN until 0815hrs when Diversion Channel "C" south excavation corners shifted to between0686141mE/3727176mN and 0686313mE/3727177mN. Excavation moved to Unit 2, Block 1 at approximately 1045hrs and consisted of removal of the top 1 foot of native soil. I monitored Unit 2, Block 1 excavation until I noticed a sizeable puncture in my passenger side front tire. I found a Sukut service truck and had my tire filled as much as possible and evacuated the project site by 1315. The tire was repaired and I returned to lodging in Blythe by 1500 hrs.

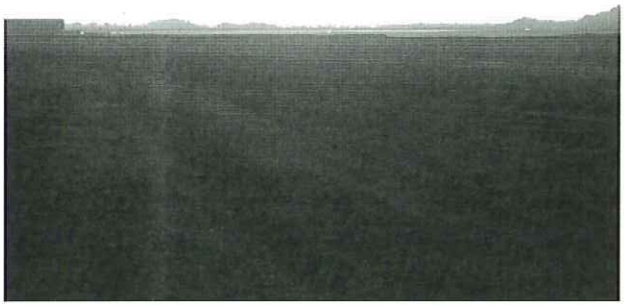


Photo: View from Sukut Parking in Unit 1, Block 7 of dawn over south part of Unit 2. The roads were very dusty this morning 0615hrs

Observed geology: (Qal) – unindurated light tan-gray igneous/granitoid and foliated/unfoliated metamorphic clast gravelly fine to coarse pebble "seeded" gypsum nodule bearing alluvium under

Indurated Reddish Brown gypsiferous (up to 20%) sand-silt-gravel-clay marlstone with medium to dark gray south to southwest oriented *stringers of foliated/nonfoliated metamorphic rock + quartz pebble gravelly sand erosionally unconformable beneath poorly indurated to loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands. No fossils were recovered today.

* Soil Engineer, Wayne, brought my attention to the fact that the overall SW trending medium gray metamorphic+quart stringers in the red-brown gypsiferous marl show some tightly kinked meanders, indicative of very turbid flow, an idealized block section of one such meander system was drawn on page 38 of my fieldnotes today.

Genesis Solar Energy Project

Riverside County, CA

Thursday, December 29, 2011

Leave town: 5:14 Arrive field: 5:53

Leave field: 15:23 Arrive town: 16:07 Total time onsite: 9h 30min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear with high clouds in the morning

Mileage: Start – 13024 Stop – 13070

Activity: 0615: Monitor JHA Meeting with AECOM archeologists

0630: Met with drilling crew to monitor continued drilling for caissons in Block 5, Unit 1.

0815: Drilling stopped briefly because of a shortage of safety covers

0930: Drilling resumed

1030: Received call from cultural monitor about bone found in grading in Block 1, Unit 2.

-Bone appears to be a fragment of either distal radius/ulna or distal tibia/fibula of moderately small mammal, possibly lagomorph (rabbit/hare). Photo-recorded, geocoded and collected.

1115: Returned to Block 5, Unit 1 to continue monitoring drilling

1430: Drilling concluded for the day

Number of caissons augured for the day: (Crew #1): 35

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed during drilling

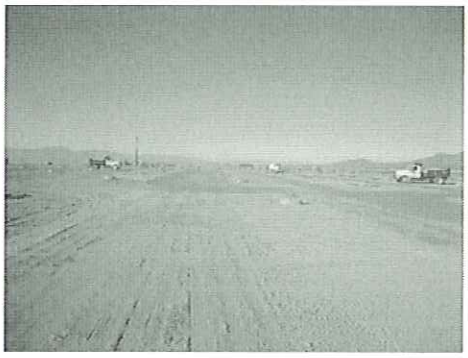


Photo: View West, Solar Block 5, Unit 1

Genesis Solar Energy Project

Riverside County, CA

Thursday, December 29, 2011

Leave town: 0538 Arrive field: 0556

Leave field: 1510 Arrive town: 1530 Total time onsite: 9hrs 14min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: 34 degrees, calm, and clear to upper 70's, calm, and clear

Mileage: Start – 137946 Stop – 137997

Equipment: 2 Caterpillar 16G Motor Graders, 1 D9 Dozer, 1 base grader, up to 10 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 651 water pull, and 3 six wheeled water trucks

Activity: Arrived at Sukut parking by 0610hrs and attended Aecom monitors Job Hazard Analysis (JHA) at 0610hrs then attended Sukut JHA at 0630hrs and signed rosters for both JHA meetings. An additional roster was added at Sukut JHA as testament to no personal workplace injuries for the previous day. Monitored continued excavation of Unit 2 Block 1 subgrade between corners 11S 0685904mE/3727160mN, 0686162mE/3727166mN, 0685888mE/3727067mN, and 0686188mE/3727092mN (photo medley 1). Two partially permineralized bones were found by project archaeologist today. The first was identified by Mr. Musick (for which whose monitoring report see) as possible rabbit. The second was identified generally by myself as possible reptile appendage at 0686072mE/3727105mN and depth of about 1 foot (photo medley 2.

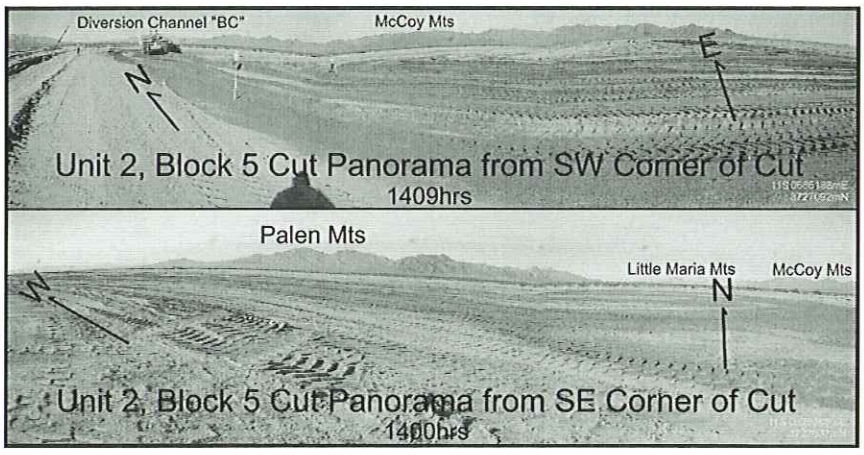


Photo Medley 1: Images of Unit 2, Block 1 cut from Southeasternmost and Southwesternmost extent of today's ground disturbance.

Observed geology: (Qal) – Indurated Reddish Brown gypsiferous (up to 20%) sand-silt-gravel-clay marlstone with medium to dark gray south to southwest oriented *stringers of foliated/nonfoliated metamorphic rock + quartz pebble gravelly sand erosionally unconformable beneath poorly indurated to slightly mineralized bone bearing loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands. A 25c/quarter diameter reptile (possible tortoise) bone acquired at about 1 foot depth as PWR 29-12-11-01.

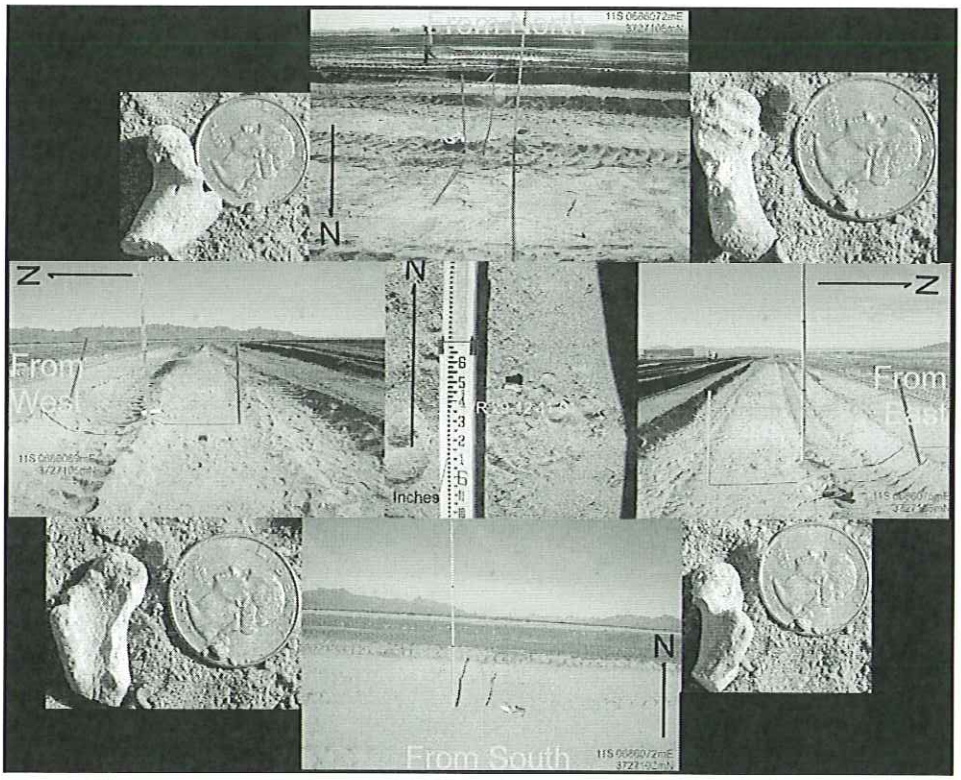


Photo Medley 2: Perspective and macro images of lightly mineralized reptile bone found in Unit 2, Block 1 cut at 0686072mE and 3727105mN

Genesis Solar Energy Project

Riverside County, CA

Friday, December 30, 2011

Leave town: 5:08 Arrive field: 5:48

Leave field: 15:00 Arrive town: 16:00 Total time onsite: 9h 12min

Crew: Scott Musick

Camera: E 11-09 GPS Unit: E 11-12

Weather: Cold and clear in the morning, warm by the afternoon

Mileage: Start – 13090 Stop – 13157

Activity: 0600: Met with AECOM cultural monitors for monitor meeting

0615: Met with drilling crew. Drilling continued for the caissons in Solar Block 5. Only one drilling crew onsite

1430: Drilling concluded for the day

40 boreholes were augured in Solar Block 5

Observed geology: Drilling: Cut surface: Lt.tan/brown fine –grained sand and silts with some clay content. A number of borings showed moderately clay-rich fine-grained sands and silts with some small to medium-grained pebbles and gravels. A few of borings showed increased clay content 12-14 feet below grade.

No fossils observed in during drilling.

Note: No photographs taken during work activity

Genesis Solar Energy Project

Riverside County, CA

Friday, December 30, 2011

Leave town: 0551 Arrive field: 0609

Leave field: 1052 Arrive town: 1122 Total time onsite: 4hrs 43min

Crew: Patrick W. Riseley

Camera: Personal Canon EOS Digital Rebel GPS: E10-02

Weather: 40 degrees, calm, and clear to upper 70's, calm, and clear

Mileage: Start – 137997 Stop – 138047

Equipment: 2 Caterpillar 16G Motor Graders, 1 D9 Dozer, 1 base grader, up to 9 Caterpillar 657E scrapers, one Caterpillar 633 scraper, a Caterpillar 651 water pull, and 3 six wheeled water trucks

Activity: Arrived at Sukut parking by 0621hrs and attended Sukut Job Hazard Analysis (JHA) at 0630hrs,and signed rosters for both JHA meetings. Received "heads-up" that the additional testament to no personal workplace injuries for the previous day roster is only for Sukut employees. Also received Aecom JHA summaries from Spencer and Julie before signing Aecom meeting sheet. Monitored continued excavation of Unit 2 Block 1 subgrade between corners 11S 0685904mE/3727160mN, 0686100mE/3727166mN, 0685891mE/3727058mN, and 0686115mE/3727066mN (photo medley) until approximately 0930hrs. Additional excavation for Unit 2 perimeter roadway with corners at 0685891mE/3727058mN, 0685936mE/3727068mN, 0685935mE/3726872mN, and 0685968mE/3726865mN was monitored between 0930 and 1030hrs (photo medley).

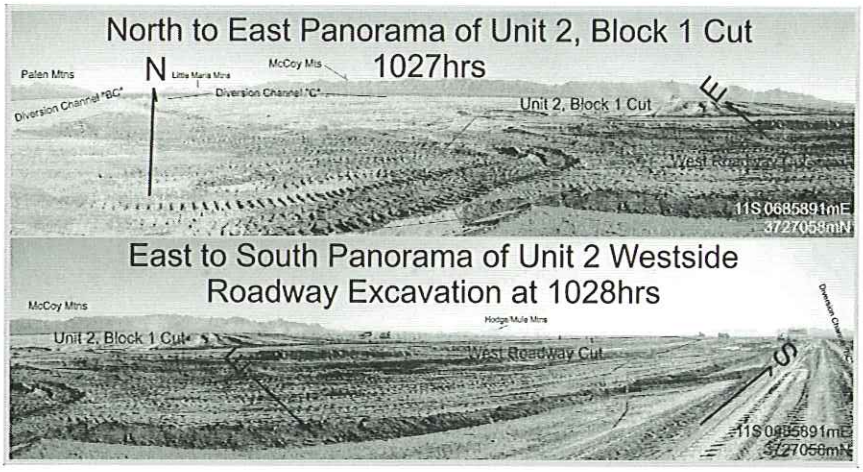


Photo Medley: Images of both Unit 2, Block 1 cut and Unit 2 Westside Perimeter Road cuts from Southwesternmost and Northwesternmost corner of today's ground disturbance.

Observed geology: (Qal) – Indurated Reddish Brown gypsiferous (up to 20%) sand-silt-gravel-clay marlstone with medium to dark gray south to southwest oriented *stringers of foliated/nonfoliated metamorphic rock + quartz pebble gravelly sand erosionally unconformable beneath poorly indurated to loose Holocene gray-tan silty fine to coarse sand with pebbles and a few south to southwest oriented light gray gravelly sands. No fossils were observed in the cut today.

Appendix F

Safety Reports and Incidents

Worker Safety-3

Construction Safety Supervisor – Staff Assignment

Genesis solar construction

Weekly Newsletter

December 12, 2011

NEW JOB? WHAT ARE THE ODDS FOR INJURY?

Do *you* feel lucky ?

How many companies have you worked for in your career? How many different projects have you worked on? How many times have you changed occupations: from an oiler to an operator; from a laborer to a carpenter; or from a ironworker to a welder, then to a lead man?

Every time you have made one of these changes you've faced a higher probability of being injured on the job. Studies show that in heavy industries up to 25% of injuries, or 1 in every 4 workers, will be injured within the first 30 days of starting work.

Think of that--the first 30 days!

The majority of you have years of experience, BUT you still fall into this category time and time again. In fact, every time you change companies or change jobs you play the odds, and fall into the 1-in-4 statistic. That's because new-hires are not just green, inexperienced workers. They are also people who are new to their occupation, their job, or a specific work environment.

Make the RIGHT Choice

In your profession, you've learned the `tricks-of-the-trade' that allow you to work safely and efficiently. How did you learn your trade and the methods that make you a valuable asset to this company? You probably had some formal training, as well as lots of *on-the-job-training*.

OJT means you learned your job from practice and from those already experienced in the trade. Now, as you work beside new-hires, it is *your* experience that must be passed on. Remember, it doesn't matter whether this person is a 25-year veteran in the business who is simply new to this company, or if they are a green trainee who just bought their first set of tools. All of these people are playing the odds.

So, keep a helpful eye on the new-hires in your crew. Take the time to describe the layout of the project, the best method to access the work, or how to work a tool they have never used. Everyone wants to learn the best way to do a job. Someone probably showed you how to do things, so take the time to help out your partner. When you show your co-worker the safest and smartest way to do a job, it helps keep you safe as well.

Over 90% of all injuries are caused by an unsafe act--someone doing things the wrong way. How many of these injuries do you think happened because the worker just didn't *know* the safest or smartest way to get it done, or didn't want to ask for fear of being ridiculed?

You will be playing the odds a lot throughout your career. Reduce your chances of becoming an accident statistic by asking questions if you're new to the job. Help someone else avoid being a statistic by teaching them the tricks-of-the-trade you've learned from experience. It's a two-way street.

Whenever you begin a new job, you are the rookie who is playing the odds. Work safely, ask questions, and go home *every* night without an injury. Beat the odds!

SUKUT CONSTRUCTION, INC.

Supervisor's Accident Investigation Report

Date of Accident 12-12-11 Time 10:30 AM [X] PM [ ]

Job Number 161068 Location Blythe

Equipment No _____ Type Lower back

Responsible Party for Damage / Injury Caused _____

Injury to Employee Yes [X] No [ ] Name Nathen Bunyard

Unsafe Conditions [ ] Unsafe Work Practices [ ]

Explain What Happened Nathen Bunyard injured his lower back Runing begee or throwing sand bags "not sure"

Describe Injury / Damage Injured lower back from runing begee and throwing sand bags "Nathen does not know which"

Describe Injured Body Parts lower back

Employee's Explanation Stated he did not know if it was injured from runing the begee or throwing sand bags.

Contributing Factors The seat in the begee / Throwing sand bags.

Explain Corrective Actions Taken Repair seat in begee / Have laborers move sand bags.

Ideas on Preventive Measures Down machine until Repaired, Proper lifting procedures. "Report injury immediately!"

List Witness Names NA

Report Completed By _____ Date 12-12-11

Management Review By H F McCourt, Jr Digitally signed by H F McCourt, Jr DN: cn=H F McCourt, Jr, o=Sukut Construction, Inc, ou=Safety & Environmental Compliance Director, email=hmccourt@sukut.com, c=US Date: 2011.12.13 10:55:26 -08'00' Date _____

1108 - Supervisor's Accident Investigation Report

White Copy – OFFICE Yellow Copy - EMPLOYEE

SUKUT CONSTRUCTION, INC.

Nathen Runyard

Statement for the Record

- Names of All Involved
- What Happened
- When it Happened
- Where it Happened
- How it Happened
- Any Other Comments / Observations

On 12-7-11 Curtis Milton informed Harvey Davila and my self Rick Fraser that Nathen Runyard wasn't coming into work, Stated he pulled his back. Harvey Davila and I tried calling Nathen several times on 12-7-11 & 12-8-11. I contacted Nate 12-8-11 late afternoon to have him explain what happened. He said he wasn't sure if it was the seat in the begee or throwing sand bags while moving the containment pit on 12-7-11. Nate said he had fixed some wiring on the seat at lunch to pump up the seat in the rental begee. I asked Nate if we could set him up to see a docter near his home in India as he had went home from Blythe. He said he would rest up and be back on Monday. I Contacted Nate again on Friday to check on him, he said he had gone to a chiropracter and taken a pill and rest up didn't want to see a docter. He returned to work on Monday 12-12-11 stated he felt fine. Started his shift Runing the begee. At 10:30am I Recived a call from Harvey Davila that Nate called him and said his back hurt and Harvey brought him to the job trailer.

(Use Back of Form if Required)

The comments provided in this Statement for the Record are true and accurate to the best of my knowledge.

Name: Rick Fraser Date: 12-12-11

Signature:

1108 - Statement for the Record Form

White Copy – OFFICE Yellow Copy - EMPLOYEE

SUKUT CONSTRUCTION, INC.

Statement for the Record

- Names of All Involved
- What Happened
- When it Happened
- Where it Happened
- How it Happened
- Any Other Comments / Observations

I came to the trailer and told Nate we would go to the Doctor and get this checked out. I called Rick Mcmount and HR "Cecilia Rangel" to get things set up at Dr. Lucenos office. The Doctors Report was a possible herniated disc. He could not tell from Xrays and Rescheduel an appointment on 12-14-11.

(Use Back of Form if Required)

The comments provided in this Statement for the Record are true and accurate to the best of my knowledge.

Name: Rick Fraser Date: 12-12-11

Signature:

1108 - Statement for the Record Form

White Copy – OFFICE Yellow Copy - EMPLOYEE

Genesis Site Orientation Quiz

Name (print)	Company	Date
MARK SCHERER	EJ STUTZMAN	12-21-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
GREG SANDOVAL	PAR	12-20-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
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   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

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   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or (False?)
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. (True) or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Mark Fisher	PAR	12/20/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
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   d. Every 15 min or so whether you are thirsty or not

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   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

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7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print) Company Date

Alejandro "Alex" Castro Ruano - Blythe Power 12-16-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

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   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
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   d. Every 15 min or so whether you are thirsty or not

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7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Don Milligan	PAR	12/14/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

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   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

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   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

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5. True or False?
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7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Ron Humphreys	PAR	12-14-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

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   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
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5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
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7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
JOE ESPINOZA	PAR ELECTRIC	12-14-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

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   a. When you begin to feel hot and thirsty
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   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

4. True or False? FALSE
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False? FALSE
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False? TRUE
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False? TRUE
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False? TRUE
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Harry Perry	PAR Electric	12-14-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
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7. (True) or False?
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8. (True) or False?
   ersonal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Todd Johnson	ARB	12-14

Respond to the questions by circling the correct answers

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Genesis Site Orientation Quiz

Name (print)	Company	Date
Bob Nodes	PAR	12/14/11

Respond to the questions by circling the correct answers

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   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
ALBINO ARIAS	WILLIAM SCOTSMAN	12-14-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
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   d. High Visibility work vest with reflective stripe
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8. (True) or False?
   ersonal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Sergio Barragan	William Scotsman	12-14-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
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7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
DAVID CHARLTON	AECOM	12/9/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

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   a. When you begin to feel hot and thirsty
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7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Safety Orientation Acknowledgement Form

Date: 12/9/11

I, the undersigned, acknowledge that I have attended the GENESIS Solar Site Safety Orientation. I have received either my companies Site Safety Plan or the GENESIS Project Site Safety Plan and I fully understand the policies, rules, and regulations contained in it.

I will comply with all the rules and regulations contained in the safety plan, as well as those written policies set by the GENESIS Solar management team.

I know that these safety and health requirements are for my protection as well as the protection of other workers and other people affected by our work. I will do my best to help make GENESIS Solar a safe and healthy place to work.

As a Contractor of the GENESIS Solar Project I agree I **will not** provide information or any photos to the media, online videos, websites, emails, or any representative of potential adversarial parties, without first contacting and receiving authorization from the Genesis Project Director

I agree not to take any photos or videos of the project at anytime. Only authorized employees may take photos or videos.

As a Contractor of the GENESIS Solar Project I assume all risks while traveling or working on the job site.

My signature acknowledges my agreement with the procedures outlined in the above referenced safety plan.

Signed: David Charlton

Print Name: DAVID CHARLTON

Company Name: AECOM

Supervisory or Company Official Witness:

Signed: Jessica Auck

Print Name: JESSICA Auck

Title: Cultural Resources

Company Name: NextEra

Job Name: GENESIS

Genesis Site Orientation Quiz

Name (print)	Company	Date
PATRICK W. RISELEY	SWCA	12 DECEMBER 2011

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d.) Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.
   false

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.
   false

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.
   true

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.
   true

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place
   true

Safety Orientation Acknowledgement Form

Date: 12 DECEMBER 2011

I, the undersigned, acknowledge that I have attended the GENESIS Solar Site Safety Orientation. I have received either my companies Site Safety Plan or the GENESIS Project Site Safety Plan and I fully understand the policies, rules, and regulations contained in it.

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My signature acknowledges my agreement with the procedures outlined in the above referenced safety plan.

Signed: _____

Print Name: PATRICK W. RISIEUR

Company Name: SWCA environmental

Supervisory or Company Official Witness:

Signed: _____

Print Name: JESSICA Anck

Title: Cultural Resources

Company Name: NextEra

Job Name: GENESIS

Genesis Site Orientation Quiz

Name (print)	Company	Date
MIKEL CALLE	MB Sistemas	13/12/2011

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e) All of the above

2. If you are working outside in the heat you should drink water:
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   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d.) Every 15 min or so whether you are thirsty or not

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   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.
   FALSE
5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.
   FALSE
6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.
   TRUE
7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.
   TRUE
8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place
   TRUE

Safety Orientation Acknowledgement Form

te: 13/12/2011

I, the undersigned, acknowledge that I have attended the GENESIS Solar Site Safety Orientation. I have received either my companies Site Safety Plan or the GENESIS Project Site Safety Plan and I fully understand the policies, rules, and regulations contained in it.

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I know that these safety and health requirements are for my protection as well as the protection of other workers and other people affected by our work. I will do my best to help make GENESIS Solar a safe and healthy place to work.

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I agree not to take any photos or videos of the project at anytime. Only authorized employees may take photos or videos.

As a Contractor of the GENESIS Solar Project I assume all risks while traveling or working on the job site.

My signature acknowledges my agreement with the procedures outlined in the above referenced safety plan.

Signed: [signature]

Print Name: MIKEL CALLE

Company Name: MB Sistemas

Supervisory or Company Official Witness:

Signed: [signature]

Print Name: AARON WELSH

Title: Sr MGR

Company Name: GENESIS

Job Name: GENESIS

Genesis Site Orientation Quiz

Name (print) **Company** **Date**

MARC MATEO RODRIGUEZ - AIRPES - 12-13-2011

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d.) Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.
   FALSE
5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.
   FALSE
6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.
   TRUE
7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.
   TRUE
8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place
   TRUE

Safety Orientation Acknowledgement Form

Date: 12-13-2011

I, the undersigned, acknowledge that I have attended the GENESIS Solar Site Safety Orientation. I have received either my companies Site Safety Plan or the GENESIS Project Site Safety Plan and I fully understand the policies, rules, and regulations contained in it.

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As a Contractor of the GENESIS Solar Project I assume all risks while traveling or working on the job site.

My signature acknowledges my agreement with the procedures outlined in the above referenced safety plan.

Signed: Marc Mateo

Print Name: MARC MATEO

Company Name: AIRPES

Supervisory or Company Official Witness:

Signed:

Print Name: Aaron West

Title: SF mgr

Company Name: Genesis

Job Name: GENESIS

Genesis Site Orientation Quiz

Name (print)	Company	Date
Rodney HAVERLAND	BLATHNER	12431

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
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   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d.) Every 15 min or so whether you are thirsty or not

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   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d) Use a spotter to help guide the vehicle safely back

4. True or (False?)
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or (False?)
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. (True) or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Scott Drew	Work Parsons	12/13/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
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   d. Every 15 min or so whether you are thirsty or not

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   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

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   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Allyn Points	Statham Energy	12.13.11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Shiva Bannerjee	DOE	10/12/2021

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print) Company Date

NIKKY UDE DEPT OF ENERGY 12-12-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
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7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Michael Butler JR	E.J. Stutzman	12-12-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   (a) Hard Hat
   (b) Safety Glasses meeting the requirement Z87.1
   (c) Safety Toe Boots
   (d) High Visibility work vest with reflective stripe
   (e) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d) Every 15 min or so whether you are thirsty or not

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   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d) Use a spotter to help guide the vehicle safely back

4. True or (False)
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or (False)
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. (True) or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Hector Moreno	LAC&O	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e). All of the above

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   a. When you begin to feel hot and thirsty
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   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
ANTONIO VASQUEZ	LARGO	12/5/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
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6. (True) or False?
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7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
ISIDORO VERDUGO	~~ASSOCIATED~~ HARGO	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
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6. (True) or False?
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7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print) Rene Cruz Company Largo Date 12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
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   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

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5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
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7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Enrique Montion	Largo	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
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   a. Honk the horn and proceed
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7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Adam Fulkerson	Largo	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

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   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
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7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
DOUGLAS WRIGHT	LARGO	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
DIANNE GREER	LARGO	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Steven Poston	Anderson Drilling	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
ANTHONY MARCUS	ANDERSON DRILLING	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d.) Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

4. True or (False?)
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or (False?)
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. (True) or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. (True) or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. (True) or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Bill McLure	Airware	12/5/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Matthew Orona	Airwave	12/5/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Gideon "Scooter" Johnson	DEKENS	12-15-2011

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print) Company Date

BRUCE MICALIZIO LARGO Dec 5 2011

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

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   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Safety Orientation Acknowledgement Form

Date: 12-5-11

I, the undersigned, acknowledge that I have attended the GENESIS Solar Site Safety Orientation. I have received either my companies Site Safety Plan or the GENESIS Project Site Safety Plan and I fully understand the policies, rules, and regulations contained in it.

I will comply with all the rules and regulations contained in the safety plan, as well as those written policies set by the GENESIS Solar management team.

I know that these safety and health requirements are for my protection as well as the protection of other workers and other people affected by our work. I will do my best to help make GENESIS Solar a safe and healthy place to work.

As a Contractor of the GENESIS Solar Project I agree I **will not** provide information or any photos to the media, online videos, websites, emails, or any representative of potential adversarial parties, without first contacting and receiving authorization from the Genesis Project Director

I agree not to take any photos or videos of the project at anytime. Only authorized employees may take photos or videos.

As a Contractor of the GENESIS Solar Project I assume all risks while traveling or working on the job site.

My signature acknowledges my agreement with the procedures outlined in the above referenced safety plan.

Signed: [signature]

Print Name: James Wallace

Company Name: AECOM

Supervisory or Company Official Witness:

Signed: Jessica Anck

Print Name: JESSICA Anck

Title: Cult. Res. Monitor

Company Name: Aerotek/NextEra

Job Name: GENESIS

Genesis Site Orientation Quiz

Name (print)	Company	Date
James Wallace	AECOM	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Workers Environmental Awareness Plan : Training Roster

Genesis Solar Energy Project

Instructor:

Name : Print	Signature	Company Name	Date
Tiffany Contreras	[illegible]	AECOM	11/7/11
Wayne Glenny	[illegible]	AECOM	11/7/11

Genesis Site Orientation Quiz

Name (print)	Company	Date
Mary Ann Vicari	SWGA	11/29/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Safety Orientation Acknowledgement Form

Date: 11/29/11

I, the undersigned, acknowledge that I have attended the GENESIS Solar Site Safety Orientation. I have received either my companies Site Safety Plan or the GENESIS Project Site Safety Plan and I fully understand the policies, rules, and regulations contained in it.

I will comply with all the rules and regulations contained in the safety plan, as well as those written policies set by the GENESIS Solar management team.

I know that these safety and health requirements are for my protection as well as the protection of other workers and other people affected by our work. I will do my best to help make GENESIS Solar a safe and healthy place to work.

As a Contractor of the GENESIS Solar Project I agree I **will not** provide information or any photos to the media, online videos, websites, emails, or any representative of potential adversarial parties, without first contacting and receiving authorization from the Genesis Project Director

I agree not to take any photos or videos of the project at anytime. Only authorized employees may take photos or videos.

As a Contractor of the GENESIS Solar Project I assume all risks while traveling or working on the job site.

My signature acknowledges my agreement with the procedures outlined in the above referenced safety plan.

Signed: Mary Ann Vicari

Print Name: Mary Ann Vicari

Company Name: SWCA

Supervisory or Company Official Witness:

Signed: Jessica Auck

Print Name: JESSICA Auck

Title: Cult. Res. Monitor.

Company Name: NextEra

Job Name: GENESIS

Genesis Site Orientation Quiz

Name (print)	Company	Date
Richard Mackey	Largo	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d) Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.
   False

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite. False

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.
   True

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.
   True

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place
   True

Genesis Site Orientation Quiz

Name (print)	Company	Date
JAIME ZURITA	LARGO.CONCRET	12-05-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   (e.) All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   (d.) Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   (d.) Use a spotter to help guide the vehicle safely back

4. True or False? False
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False? False
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False? True
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False? True
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False? True
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Horacio Acosta	Largo	12/5/2011

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Jack Huggins	Largo	12/5/11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Roger Oak	Anderson Drilling	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
KEVIN OSBORNE	ANDERSON DRILLING	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Carlos Reyes	Largo	12-5-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) Includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

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   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False? False
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False? False
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False? True
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False? True
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False? True
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print)	Company	Date
Shawn Palmer	ARB	12-1-11

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Genesis Site Orientation Quiz

Name (print) Company Date

Respond to the questions by circling the correct answers

1. Basic Personal Protective Equipment (PPE) includes:
   a. Hard Hat
   b. Safety Glasses meeting the requirement Z87.1
   c. Safety Toe Boots
   d. High Visibility work vest with reflective stripe
   e. All of the above

2. If you are working outside in the heat you should drink water:
   a. When you begin to feel hot and thirsty
   b. A little bit every hour or two
   c. Only when your supervisor says it is ok.
   d. Every 15 min or so whether you are thirsty or not

3. When backing a vehicle in a congested area you should:
   a. Honk the horn and proceed
   b. Keep your attention on the rear view mirror
   c. Flash headlights to get the attention of all workers around the area before backing
   d. Use a spotter to help guide the vehicle safely back

4. True or False?
   It is ok to talk on the phone and operate a vehicle/machinery as long as you maintain control.

5. True or False?
   UTV's (Gator, Mule, 4 wheel cart...) can be operated by any person onsite without training as long as they remain onsite.

6. True or False?
   Horseplay, Fighting or Careless acts can be a cause for removal from the site.

7. True or False?
   All accidents, near miss or equipment damage must be reported as soon as practical.

8. True or False?
   Personal Choice is a "Key Element" in creating a Safe Work Place

Appendix G

Miscellaneous Submittals and Information

Genesis Daily Well Readings						
Date	Meter Reading Time	Well 0	Well 1	Well 2	Hendley Nitro Performance Well	
12/01		31599	41393	23	78762.00	
12/02		31599	41784	23	78762.00	
12/03		31599	42469	23	78762.00	
12/04		31599	42469	23	78762.00	
12/05		31599	43579	99	76762.00	
12/06		31599	45187	241	78762.00	
12/07		31599	47965	338	78762	
12/08		31599	48820		78762	
12/09		31599	50106	1114	78762	
12/10					78762	
12/11		31599	50106	1114	78762	
12/12		31599	51181	1260	78762	
12/13		31599			78762	
12/14		31599	53554	1534	78762	
12/15		31599	54187	2735	78762	
12/16		31599	54901	2900	78762	
12/18		31599	55635	3096	78762	
12/19		31599	55924	3329	78762	
12/20		31599	56572	3570	78762	
12/21		31599	57423	5978	78762	
12/22		31599	58108	7181	78762	
12/23		31599			78762	
12/24		31599	58171	10141	78762	
12/18		31599	55635	3096	78762	
12/19		31599	55924	3329	78762	
12/20		31599	56572	3570	78762	
12/21		31599	57423	5978	78762	
12/25		31599	58171	10141	78762	
12/26		31599	58171	10141	78762	
12/27		31599	58171	10504	78762	
12/28		31631	58926	13567	78762	
12/29		32046	59021	14495	78762	

Genesis Daily Site Report

December 1, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

High winds prevented Sukut from performing earth moving activities.

The Sukut management held a safety meeting this morning giving monitors the opportunity to occupy various pieces of equipment allowing firsthand experience of the limited visibility from the equipment being used.

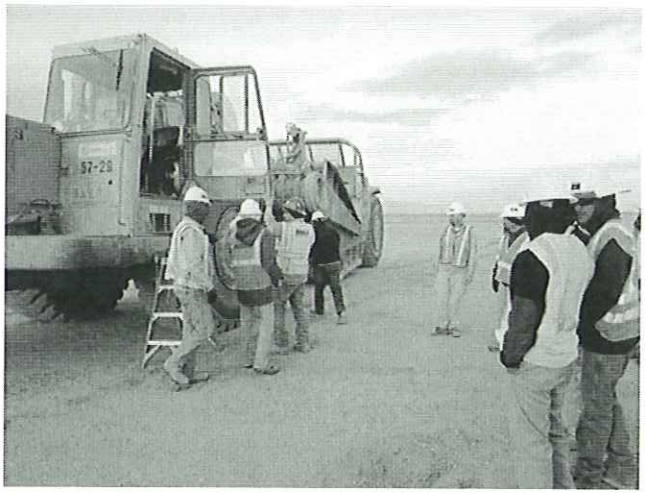
MCI needed some guidance on barricading for overhead work inside the assembly building.

Largo's rebar unloading operation has stopped until a better unloading method is developed.

Safety Topic of the Week: "Trenching Safety"

Weather Conditions: Cloudy, Temp – High 60; Winds – NW at 20-30 MPH

Site Compliance: No compliance issues.



Items completed and working:

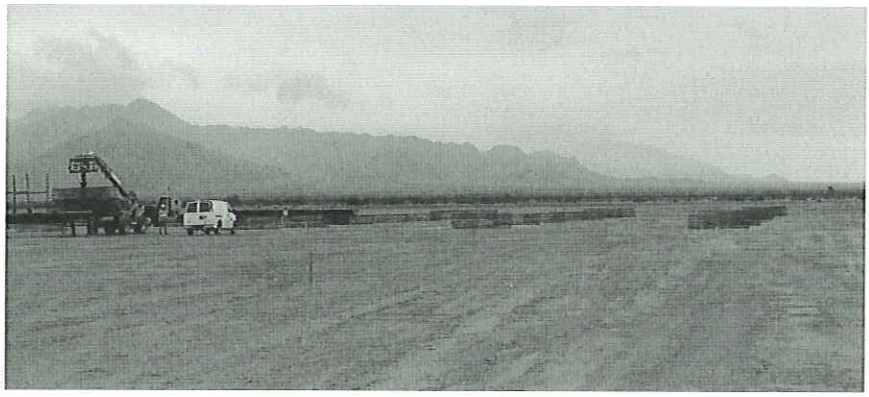
1. Site Preparation (K008): Due to high winds and visibility, earthwork equipment operations were suspended today. Layout for anticipation of cut operations in Block 6 was performed, and a water tower was installed at Well 2. The weather forecast looks good for work tomorrow, and work is scheduled for Saturday also.

2. MCI (K018): MCI poured remaining stoops on the West side of the Assembly Building. Interior electrical work and light fixture install continued.

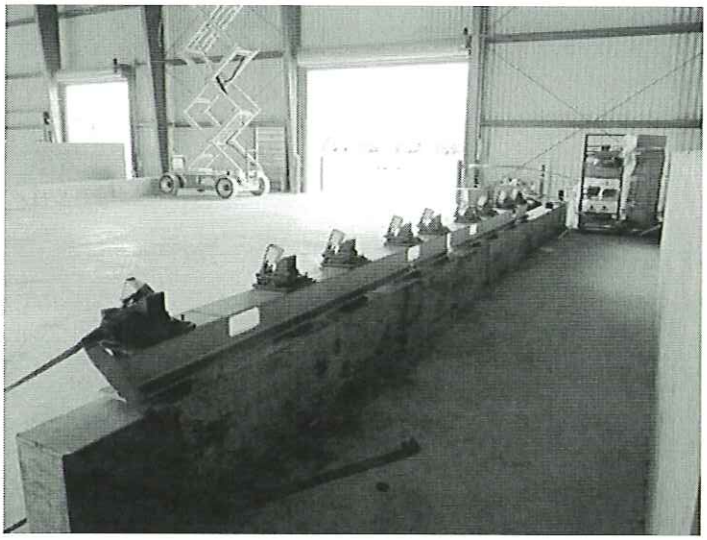
3. PSI (K007): Took concrete samples at the Assembly Building & made a set of cylinders from the test batch made at Largo's batch plant.

4. Sukut (K010): Continued dust control activities on the main access road and backfilled around the East stoops at the assembly building.

5. Largo (K013): Caisson location layout in Block 5 was slowed due to the windy conditions. Finished elevation verification of the control points surrounding the project. Unloaded first two loads of rebar cages at the site.



6. Blythe Power Constructors (K100): BPC & BATZ began uncrating and installing jigs in the assembly building.



7. PAR: Performed surveying for pole location layout.

8. Trailer City: Crews started interior work to get out of the wind.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 1
Sukut (K008) - 4
PSI Testing - 1
Terracon – 1
MC Industrial – 10
AECOM - 6
Guardsmark – 3
Largo (K013) – 14
Williams Scotsman – 4
Blythe Power – 3
BATZ – 4
Sener – 0

Genesis Daily Site Report

December 2, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Safety Topic of the Week: "Trenching Safety"

Weather Conditions: Sunny, Temp – High 60; Winds – NNW at 5-10 MPH

Site Compliance: One of the scrapers blew an O-ring and caused an oil leak. DB was notified and monitored the appropriate clean-up activities.

Scrapper 728 O-ring burst leak

Scrapper 728 spill cleaned up

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Channel BC with fill being placed in Block 8. Fill preparation continued in Block 8. Sukut will be working Saturday at full production.

2. MCI (K018): MCI stripped forms from yesterday's pour and performed site cleanup activities. Interior electrical work and light fixture install continued.

3. PSI (K007): Took compaction tests in Solar Field 1.

4. Sukut (K010): Performed road maintenance and dust control activities on the main access road.

5. Largo (K013): Continued Caisson location layout in Block 5.

6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building.

7. PAR: Performed surveying for pole location layout.

8. Trailer City: Crews continued interior work and finished setting the piers under the trailers. Crews will be working onsite tomorrow.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 1
Sukut (K008) - 4
PSI Testing - 2
Terracon – 1
MC Industrial – 12
AECOM - 6
Guardsmark – 3
Largo (K013) – 14
Williams Scotsman – 4
Blythe Power – 4
BATZ – 4
PAR - 2
Sener – 0

Genesis Daily Site Report

December 5, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.
All contractors onsite had good JHA's and proper PPE. Tom Turansky (BV) was onsite today and had no issues to report. One William Scotsman Employee was observed without proper PPE. The employee was reminded and proceeded to put on proper PPE. Site Orientation was held for new Largo employees.

Safety Topic of the Week: "Ten Rules of Thumb for Good Safety Habits"
Weather Conditions: Sunny, Temp – High 60; Winds – N at 18-20 MPH
Site Compliance: No issues

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Channel BC and Block 6. Fill was placed in Block 8, with fill preparation continuing into Block 4. Finish grade completed in Block 1 today, with survey certification to follow.

2. MCI (K018): MCI offloaded the overhead cranes and stripped the remaining formwork on the exterior of the building. Interior electrical rough in and light install continued.

3. PSI (K007): Took compaction tests in Solar Field 1.

4. Sukut (K010): Performed road maintenance and backfill around the Assembly Building.

5. Largo (K013): Continued Caisson location layout in Block 5. Equipment and material mobilized to site today.

6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building.

7. PAR (K012): Mobilized equipment and began power pole layout along the main access road.

8. Trailer City: Crews worked on installing interior flooring, trim and electrical work.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 1
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 12
AECOM - 6
Guardsmark (K005) – 3
Largo (K013) – 23
Williams Scotsman – 4
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 7
Sener – 0

Genesis Daily Site Report

December 6, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.
All hands meetings were held today for Largo and BPC. Largo began Caisson work today. All employee's were presented with a job specific JHA. Proper sanitary facility placement was discussed with Sukut. Proper barricading around overhead work was discussed with MCI.

Safety Topic of the Week: "Ten Rules of Thumb for Good Safety Habits"
Weather Conditions: Sunny, Temp – High 58; Winds – NW at 7 mph
Site Compliance: No issues

Items completed and working:

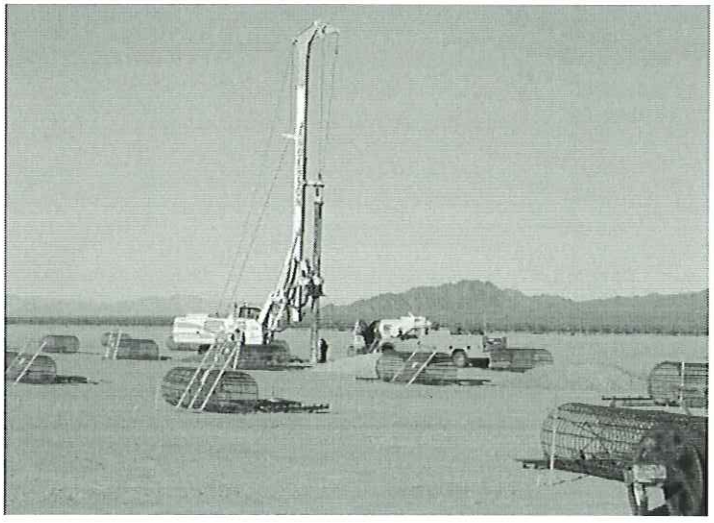
1. Site Preparation (K008): Cut operations continued in Block 6, with fill being placed in Block 8. Fill preparation continued in Block 4, and finish grade is working in Blocks 3 and 7. Finish grade in Block 1 was completed yesterday with certification to follow.

2. MCI (K018): Installed electrical trench covers and continued interior electrical work.

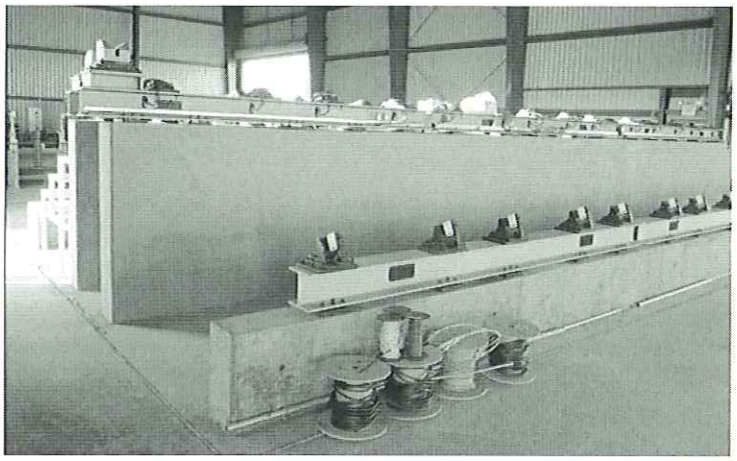
3. PSI (K007): Performed field density testing in Solar Field 1 and concrete cylinders at the Caisson pours.

4. Sukut (K010): Performed road maintenance and backfill around the Assembly Building.

5. Largo (K013): Continued Caisson location layout in Block 5. Drilled first 20 and poured first 7 Caissons.



6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building & received material deliveries.



7. PAR (K012): Continued power pole layout along the main access road.

8. Trailer City: Crews worked on installing interior trim, electrical work and completed installing trailer tie downs.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 3
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 12
AECOM - 6
Guardsmark (K005) – 3
Largo (K013) – 27
Williams Scotsman – 4
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 7
Sener – 0

Genesis Daily Site Report

December 7, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. No issues with BPC, Sukut or MCI. Sukut trained two excavation competent employees for the project. Site review with Largo revealed unlabeled containers and no documentation on monthly inspections for power tools. Items were discussed and plans for corrections have been made.

Safety Topic of the Week: "Ten Rules of Thumb for Good Safety Habits"
Weather Conditions: Sunny, Temp – High 62; Wind- NW 3 mph
Site Compliance: 2 visitors from the BLM and CDFG made site visits to observe the Kit Fox Dens.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 6, with fill being placed in Block 8. Cut operations also worked on the sedimentation basin slopes and placing fill at the basin retention berm. Fill preparation continued in Block 4, and finish grade is working in Blocks 3 and 7. Cut operations will continue in Block 6 tomorrow, with fill being placed in the northern contour area.

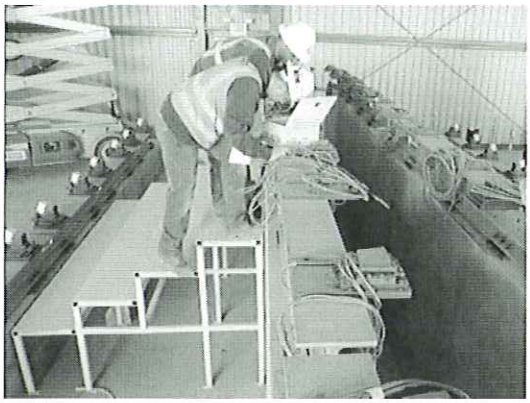
2. MCI (K018): MCI continued light fixture install and interior electrical work. Concrete crews work on punch lists items and site cleanup activities.

3. PSI (K007): Performed field density testing in Solar Field 1 and concrete cylinders at the Caisson pours.

4. Sukut (K010): Performed road maintenance and dust control along the main access road.

5. Largo (K013): Continued Caisson location layout in Block 5. Drilled 25 and poured 18 Caissons.

6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building & received laser tracker for jig verification yesterday.



7. PAR (K012): Continued power pole layout along the main access road.

8. Trailer City: Crews continued interior work and began skirting the 10 plex. A preliminary walk through the interior was done with the trailer supplier.

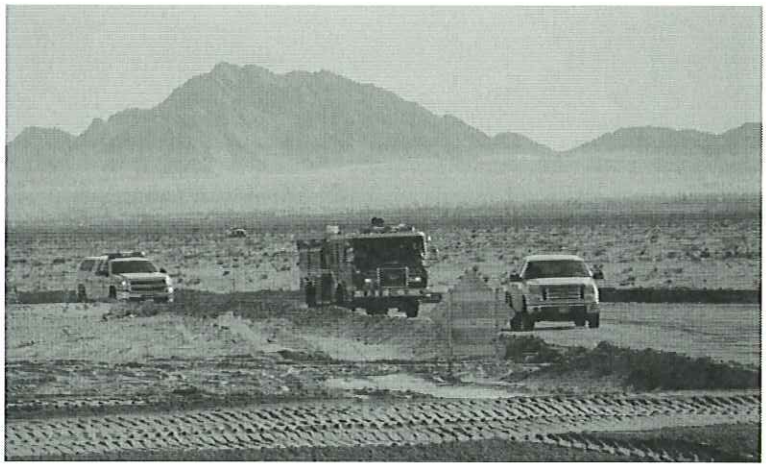
Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 1
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 6
AECOM - 6
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 7
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 7
Sener – 0

Genesis Daily Site Report

December 8, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. A site visit was conducted from Riverside County Fire department for access and recommendations. Future visits are planned including emergency response drills. Largo had a job specific JHA, proper PPE and debris free of work area. Largo did not have a site safety representative onsite. Largo welder had hot work permit but did not outline precautions. These issues were addressed with Largo management.

Safety Topic of the Week: "Ten Rules of Thumb for Good Safety Habits"
Weather Conditions: Sunny, Temp – High 62; Wind- NNW 5 mph
Site Compliance: No Issues. A site visit from George Kline (BLM) with representatives from several Native American Tribes was conducted to inspect artifacts and significant cultural finds on the project.



Items completed and working:

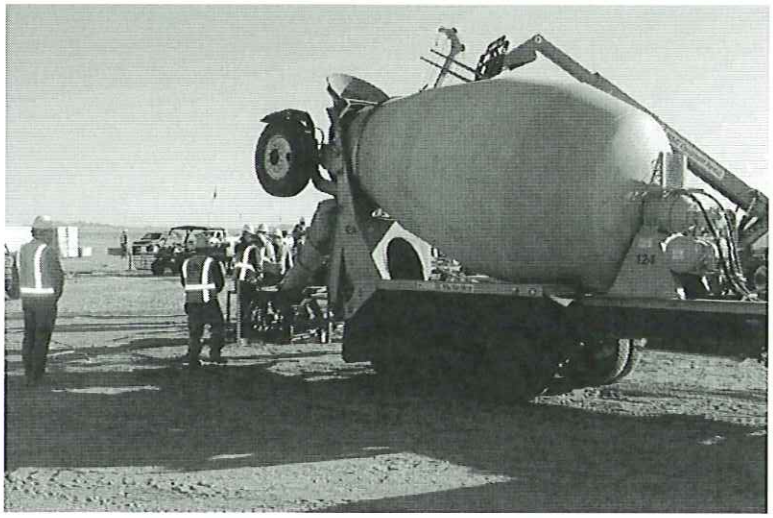
1. Site Preparation (K008): Cut operations continued in Block 6 and fill was placed in the northern contour area. Fill preparation continued in Block 4, and finish grade is working in Blocks 3 and 7.

2. MCI (K018): MCI continued light fixture install and interior electrical work. Concrete crews work on punch lists items and site cleanup activities. Overhead Crane rails are scheduled to be installed tonight.

3. PSI (K007): Performed field density testing in Solar Field 1 and concrete cylinders at the Caisson pours.

4. Sukut (K010): Performed road maintenance and dust control along the main access road.

5. Largo (K013): Continued caisson installation in Block 5 & surveying in block 1. Unloaded rebar cages on site.



6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building.

7. PAR (K012): Framed dead end riser poles at stations #1, 8,9,10. Framed power poles at 5, 7, 10-12, 22, 25-27, 37. Also spotted 6 poles.

8. Trailer City: Finishing up the interior on the North end of the building, continued exterior caulking & painting.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 1
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 11
AECOM - 6
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 4
Blythe Power (K100) – 4

BATZ – 4
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

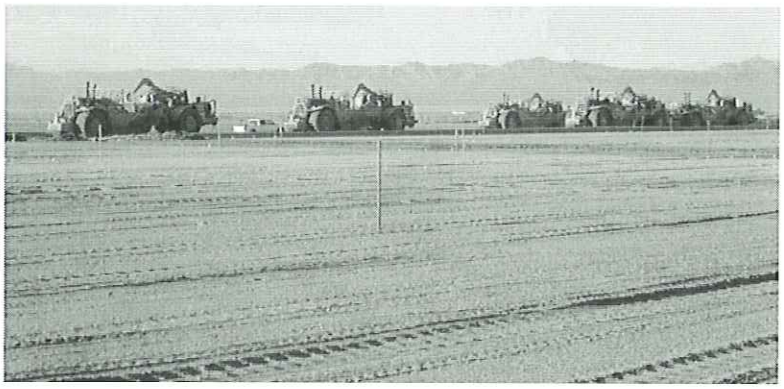
December 9, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Safety Topic of the Week: "Ten Rules of Thumb for Good Safety Habits"
Weather Conditions: Sunny, Temp – High 69; Wind- 0 mph
Site Compliance: No Issues. Bird netting was purchased for ponding water and is scheduled to be implemented for use Monday. General Services will be dedicating a full time operator to mitigate ponding water.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 6 with fill being placed in the northern contour area.

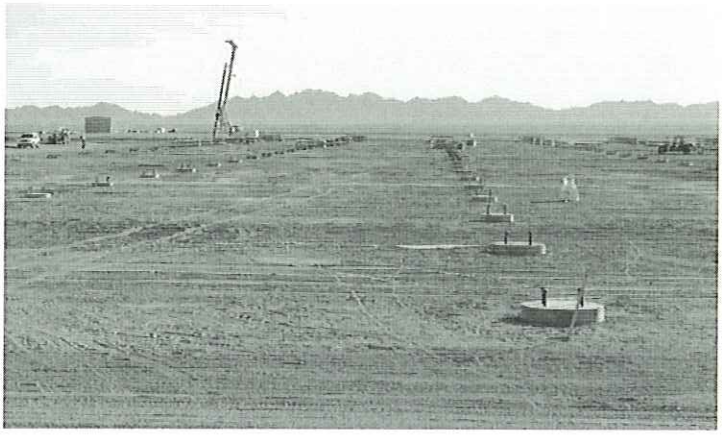


2. MCI (K018): MCI completed light fixture install. Concrete crews work on punch lists items and site cleanup activities. Overhead Cranes are scheduled to be installed over the weekend.

3. PSI (K007): Performed field density testing in Solar Field 1 and took concrete cylinders at the Caisson pours.

4. Sukut (K010): Performed road maintenance and dust control along the main access road. Also completed backfill around the Assembly Building and assisted with trailer city install.

5. Largo (K013): Continued caisson installation and surveying. Completed 60 caissons this week.



6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building. Airpes arms arrived today and were unloaded. Airpes representatives and Batz Electrical TA are planned to be onsite next week to help support jig installation. 9 pylons arrived and were unloaded.

7. PAR (K012): Continued lay out and frame up of power poles along access road.

8. Trailer City: Completed the majority of the interior work, started skirting and painting around the exterior of the 10 plex trailer. Waiting on material to finish installation.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 2
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 6
AECOM - 6
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 4
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 12, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Orientations were held for Department of Energy Representatives. Tom Turasky (BV) made a site visit today.

Safety Topic of the Week: "Ten Rules of Thumb for Good Safety Habits"
Weather Conditions: Light Rain, Temp – High 62; Wind- 6 WSW mph
Site Compliance: No Issues. General Services began their fulltime water mitigation monitor. No issues of ponding water were reported. 1 dead kit fox was discovered north of well site 1 and will be mailed in for a necropsy.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 6 with fill being placed in the northern contour area. Fill preparation continued in Block 4.

2. MCI (K018): Overhead Cranes were installed over the weekend. Painting of the doors and bollards is scheduled to be done tomorrow. Crews continued to work on punch list items.

3. PSI (K007): Performed field density testing in Solar Field 1 and took concrete cylinders at the Caisson pours.

4. Sukut (K010): Began one full time water mitigation operator and continued with dust control along the main access road.

5. Largo (K013): Continued Drilling and Caisson installation in Block 5 with caisson layout in Block 1. Unloaded rebar cages & bolts. Largo's new safety coordinator started today. Activities were slowed due to the light rain in the afternoon.

6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building. Airpes representatives are scheduled to be onsite tomorrow. Batz Electrical TA arrived onsite today to help support jig install.

7. PAR (K012): Continued lay out and frame up of power poles along access road.

8. Trailer City: No activities today.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 3
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 5
AECOM - 6
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 0
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 13, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.
Late yesterday evening notification was received of an alleged claim of injury from a Sukut Employee. The claim is under investigation and reports will be developed as standard. A meeting was held with the new Largo Safety Person, Dave Riveroll and expectations were discussed.

Safety Topic of the Week: "New Job? What are the odds for injury?"
Weather Conditions: Light Rain, Temp – High 58; Wind- 6 WSW mph
Site Compliance: 4 employees from the CEC's cultural staff made a site visit today. Kit fox den 19 was collapsed. No issues with ponding water were reported.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Solar Field Unit 1 Block 6, with fill being placed in the northern contour area. Solar Field Unit 1 Block 4 fill preparation completed today, and will move to Block 4 of Unit 2 tomorrow. Finish grade operations continued in Solar Field Unit 1 Blocks 3 and 6. Finish grade will focus on completing Solar Field Unit 1 Block 6, and move to Solar Field Unit 1 Block 8.

2. MCI (K018): Crews continued to work on punch list items. Overhead Crane load testing and commissioning is scheduled for tomorrow.

3. PSI (K007): Performed field density testing in Solar Field Unit 1 Block 6, inspection of Caissons in and took concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Continued with full time standing water mitigation and dust control on the main access road.

5. Largo (K013): Continued Drilling and Caisson installation in Block 5 with caisson layout in Block 1. Unloaded rebar cages & bolts.

6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building. .

7. PAR (K012): Continued lay out and frame up of power poles along access road.

8. Trailer City: No activities today.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 3
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 5
AECOM - 6
Guardsmark (K005) – 3
Largo (K013) – 40
Williams Scotsman – 0
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 14, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. The Largo Safety program is off to a good start. Job specific JHA's were reviewed and suggestions were made for improvement by Largo Safety onsite. All employees had proper PPE. A phone conference was held with Sukut Risk Management and President to discuss plan for investigation of employee illness/pain.

Safety Topic of the Week: "New Job? What are the odds for injury?"
Weather Conditions: Sunny, Clear, Temp – High 60; Wind- 0 mph
Site Compliance: No Issues.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Solar Field Unit 1 Block 6 with fill being placed in the northern contour area. The fill preparation operation moved to Solar Field Unit 2 Block 4. Finish grade continued in Solar Field Unit 1Block 6.

2. MCI (K018): Crews continued to work on punch list items and demobilization.

3. PSI (K007): Performed field density testing in Solar Field Unit 1 Block 6, inspection of Caissons and took concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Continued with full time standing water mitigation and dust control on the main access road. Unloaded 2 loads of pipe delivered to site today.

5. Largo (K013): Completed the first 5 rows of Caissons in Solar Field Unit 1 Block 5. Continued to receive rebar.

6. Blythe Power Constructors (K100): BPC & BATZ continued installing jigs in the assembly building.

7. PAR (K012): Continued lay out and frame up of power poles along access road.

8. Trailer City: Finishing up minor punch list items on trailers.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 3
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 5
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 40
Williams Scotsman – 2
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

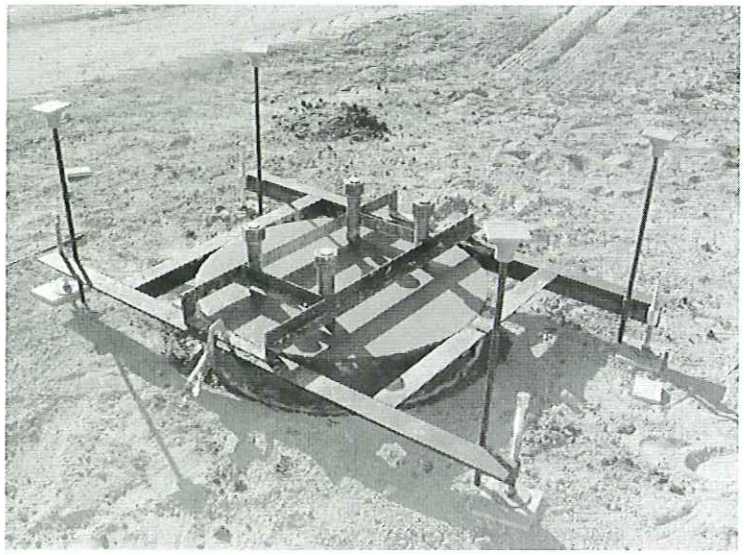
December 15, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. MCI Safety Jose Bella is finished with his duties onsite and will not return. MCI maintained zero recordable injuries.BV Safety suggested barricading swing radius of caisson auger drill

Safety Topic of the Week: "New Job? What are the odds for injury?"
Weather Conditions: Sunny, Clear, Temp – High 60; Wind- NNE 7 mph
Site Compliance: No Issues.

Items completed and working:

1. Site Preparation (K008): Rough grade was completed in Solar Field Unit 1Block 6 today, with fill being placed in the northern contour area. Finish grade continued in Solar Field Unit 1 Block 6 and will be completed by early next week. Fill preparation continued in Solar Field Unit 2 Block 4.
2. MCI (K018): Crews continued to work on punch list items and demobilization.
3. PSI (K007): Performed field density testing in Solar Field Unit 1 Northern Contour Area and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.
4. Sukut (K010): Continued with full time standing water mitigation and dust control on the main access road. Finished electrical work at the Assembly Building and began trenching for underground electrical install at Trailer City.
5. Largo (K013): Continued drilling and pouring caissons in Block 5 and surveying in Block 1. Unloaded rebar cages onsite.
6. Blythe Power Constructors (K100): BPC & BATZ completed one arm jig today. Continued to receive materials and install jigs.



7. PAR (K012): Continued lay out and frame up of power poles along access road.

8. Trailer City: Continued to work on punch list items.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) – 4
Sukut (K008) - 32
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 5
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 40
Williams Scotsman – 2
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 16, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Largo work site had job specific JHA's. Truck drivers need to be consciously reminded to wear PPE when exiting cabs. Swing radius of auger drill addressed with Largo Safety. Signs were ordered to remind employees that clear lens safety glasses are required inside the building. Riverside County Fire Department met with the Sukut Safety Manager Rick Frasier to operate the pump at Well 0.

Safety Topic of the Week: "New Job? What are the odds for injury?"
Weather Conditions: Sunny, Clear, Temp – High 66; Wind- NW 15 mph
Site Compliance: No Issues.

Items completed and working:

1. Site Preparation (K008): Cut operations began in Solar Field Unit 1 Channel A. Finish grade continued in Solar Field 1 Block 6.

2. MCI (K018): Crews continued to work on punch list items and demobilization. Overhead Crane load tests and certification was performed.

3. PSI (K007): Performed field density testing in Solar Field Unit 1 Block 6 and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Electrical work was performed at the Assembly Building. Crews continued trenching and conduit install began at Trailer City. Pipe deliveries were unloaded by General Services.

5. Largo (K013): Continued drilling and pouring caissons in Block 5 and surveying in Block 1. Unloaded rebar cages onsite.

6. Blythe Power Constructors (K100): BPC & BATZ completed 4 ground jigs today. Crews continued to receive materials and install jigs.

7. PAR (K012): Continued lay out and frame up of power poles along access road.

8. Trailer City: Completed punch list items today.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –6
Sukut (K008) - 32
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 5
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 39
Williams Scotsman – 2
Blythe Power (K100) – 4
BATZ – 4
PAR (K012) - 2
Sener – 0

Genesis Daily Site Report

December 19, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Largo held all hands Safety Meeting. Items discussed were barricades for the drill carriage swing radius, open hole covers, PPE for drivers and monitor's concerns. Overhead Crane inspection documents at the Assembly Building shows all cranes passed inspection and are dated 12-16-11. Genesis Safety met with Rick Frasier and R. McCourt to discuss Sukut employee injury. The incident investigation is ongoing. Genesis held a meeting with Bill Alfera regarding investigation status.

Safety Topic of the Week: "It's The Sudden Stop That Hurts"
Weather Conditions: Sunny, Clear, Temp – High 62; Wind- NE 5 mph
Site Compliance: Members from the BLM and Native American Monitoring Community to discuss site protocol on significant finds.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Channel A of Solar Field Unit 1, with fill being placed in the northern contour area of Solar Field Unit 1 and the channel berms. Finish grade continued in Solar Field Unit 1 Block 6 and fill preparation continued in Solar Field Unit 2 Block 4.

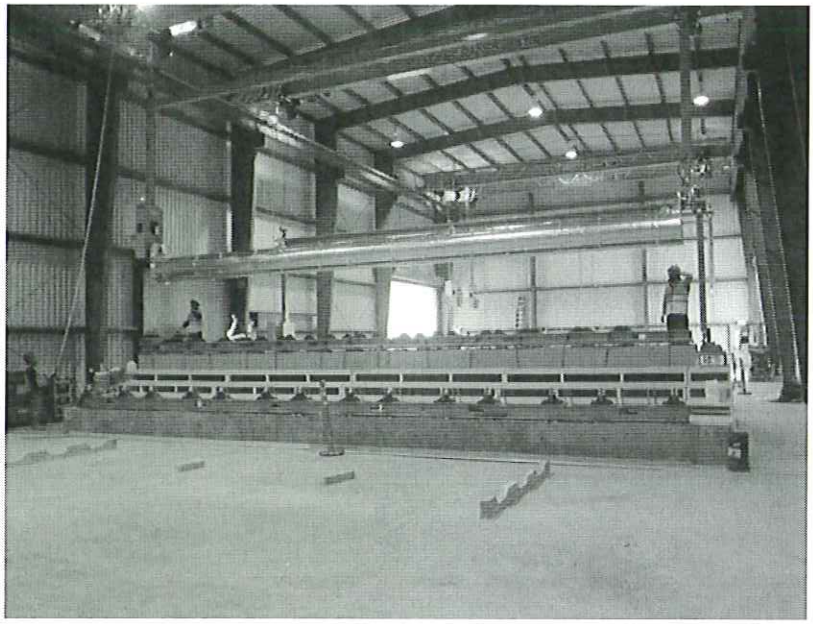
2. MCI (K018): Crews continued to work on punch list items and demobilization.

3. PSI (K007): Performed field density testing in Solar Field Unit 1Block 6 and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Crews continued trenching and conduit install at Trailer City.

5. Largo (K013): Continued drilling and pouring caissons in Block 5 and surveying in Solar Field Unit 1 Block 1.

6. Blythe Power Constructors (K100): BPC & BATZ completed install of crane arms.



7. PAR (K012): Continued lay out and frame up of power poles along access road.

8. Trailer City: Trailer installation crew removed the remaining left over materials from site.

*Several Visitors with Andy Siegelstein visited the site today to view progress and discuss Solar Field Unit 1 site grading plans.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –5
Sukut (K008) - 32
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 5
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 2
Blythe Power (K100) – 2
BATZ – 1
PAR (K012) - 2
Sener – 0

Genesis Daily Site Report

December 20, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Genesis Management discussed the investigation progress with Sukut at weekly meeting. A final report is forthcoming. Largo using rope barricades for swing radius of drill and working on a rigid model to increase protection. Crews working on electrical conduit trailer complex need to remain aware of protruding bar hazards in trench and are using plywood to cover hazard areas until buried.

Safety Topic of the Week: "It's The Sudden Stop That Hurts"
Weather Conditions: Sunny, Clear, Temp – High 62; Wind- NE 6 mph
Site Compliance: No issues.

Items completed and working:

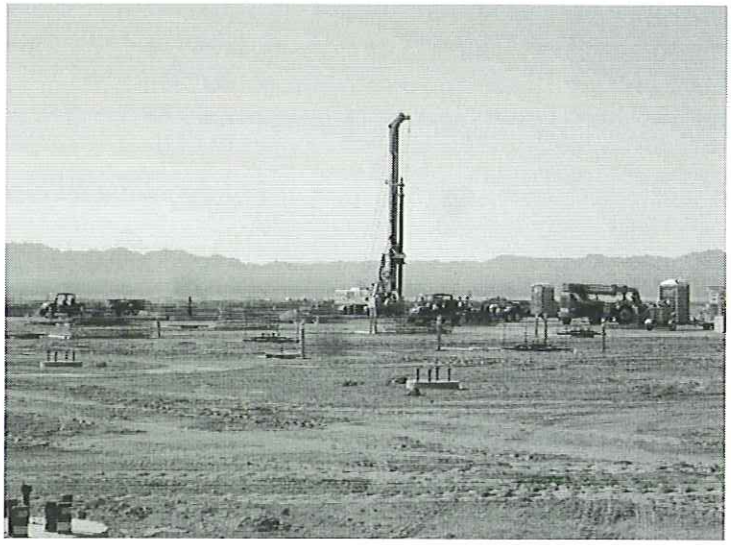
1. Site Preparation (K008): Cut operations continued in Channel A, with fill being placed in the northern contour area of Unit 1. Finish grade continued in Block 6 of Unit 1, and fill preparation continued in Block 4 of Unit 2.

2. MCI (K018): Crews continued with site cleanup and de mob.

3. PSI (K007): Performed field density testing in Solar Field Unit 1and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Crews completed trenching and continued conduit install at Trailer City.

5. Largo (K013): Continued drilling and pouring caissons in Block 5 and surveying in Solar Field Unit 1 Block 1.



6. Blythe Power Constructors (K100): BPC & BATZ received material deliveries and worked on punch list items for jig install.

7. PAR (K012): Continued lay out and frame up of power poles along access road and Solar Field Unit 2.

8. Trailer City: No Activities.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –5
Sukut (K008) - 32
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 5
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 0
Blythe Power (K100) – 2
BATZ – 1
PAR (K012) - 2
Sener – 0

Genesis Daily Site Report

December 21, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Largo presented a good job specific JHA which identified known hazards. Sukut will be moving earth moving operations tomorrow and will be crossing the main access road east of the common area. All vehicles are cautioned to use extreme caution when driving onsite. Traffic control will be implemented by Sukut.

Safety Topic of the Week: "It's The Sudden Stop That Hurts"
Weather Conditions: Sunny, Clear, Temp – High 62; Wind- SSE 6 mph
Site Compliance: No issues.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Channel A with fill being placed in the northern contour area of Solar Field Unit 1. Finish grade was touching-up Solar Field Unit 1 Block 6 in preparation for certification. Fill preparation continued in Solar Field Unit 2 Block 4. Cut operations will move to Channel C of Solar Field Unit 2 on Friday, with fill being placed in Solar Field Unit 2 Block 4.

2. MCI (K018): No Activities.

3. PSI (K007): Performed field density testing in Solar Field Unit 1and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued.

5. Largo (K013): Continued drilling and pouring caissons in Solar Field Unit 1 Block 5 and surveying in Solar Field Unit 1 Block 1. Received a load of anchor bolts, and rebar cages. A second drill rig was mobilized and will be in full production tomorrow.

6. Blythe Power Constructors (K100): BPC & BATZ continued to receive materials and work on punch list items for jig install.

7. PAR (K012): Began setting poles and continued frame up of power poles in Solar Field Unit 2.

8. Trailer City: Continued to install conduit and began grounding the main 10 wide trailer.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –5
Sukut (K008) - 32
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 0
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 0
Blythe Power (K100) – 2
BATZ – 1
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 22, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Safety Topic of the Week: "It's The Sudden Stop That Hurts"
Weather Conditions: Sunny, Clear, Temp – High 58; Wind- N 26 mph
Site Compliance: No issues.

Items completed and working:

1. Site Preparation (K008): Crews moved waterlines this morning and continued with fill preparation in Solar Field Unit 2 Block 4. All site preparation activities were suspended late morning due to the high wind conditions.

2. MCI (K018): No Activities.

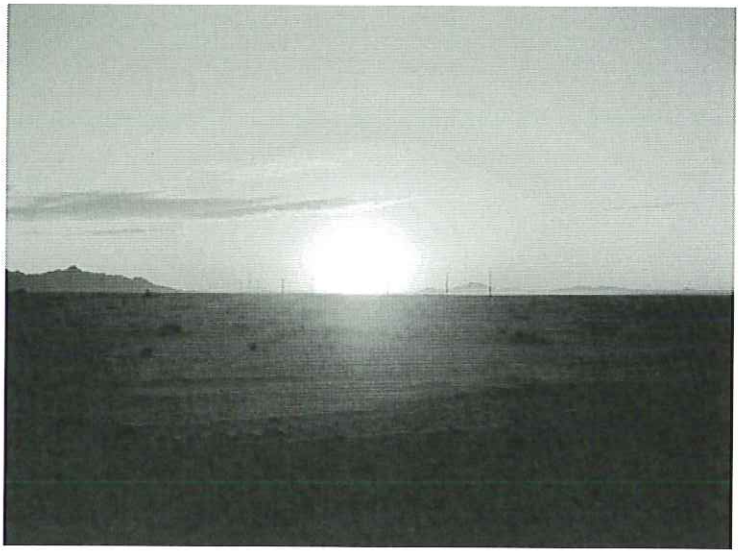
3. PSI (K007): Performed field density testing in Solar Field Unit 1Block 8 and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued.

5. Largo (K013): Continued drilling and pouring caissons in Solar Field Unit 1 Block 5 and layout in Solar Field Unit 1 Block 1. Crews only worked a partial day due to excessive winds.

6. Blythe Power Constructors (K100): BPC & BATZ continued to receive materials and work on punch list items for jig install.

7. PAR (K012): Continued setting poles and frame up of poles in Solar Field Unit 2.



8. Trailer City: Continued to install conduit and ground the main 10 wide trailer.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –5
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 0
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 37
Williams Scotsman – 0
Blythe Power (K100) – 2
BATZ – 1
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 23, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Safety Topic of the Week: "It's The Sudden Stop That Hurts"
Weather Conditions: Sunny, Windy, Temp – High 59; Wind- N 20 to 25 mph
Site Compliance: Den 18 was collapsed this morning. No dens remain in Unit 1.

Items completed and working:

1. Site Preparation (K008): Sukut continued moving the pre-water system. High wind conditions and very low visibility resulting in no grading activities today.

2. MCI (K018): No Activities.

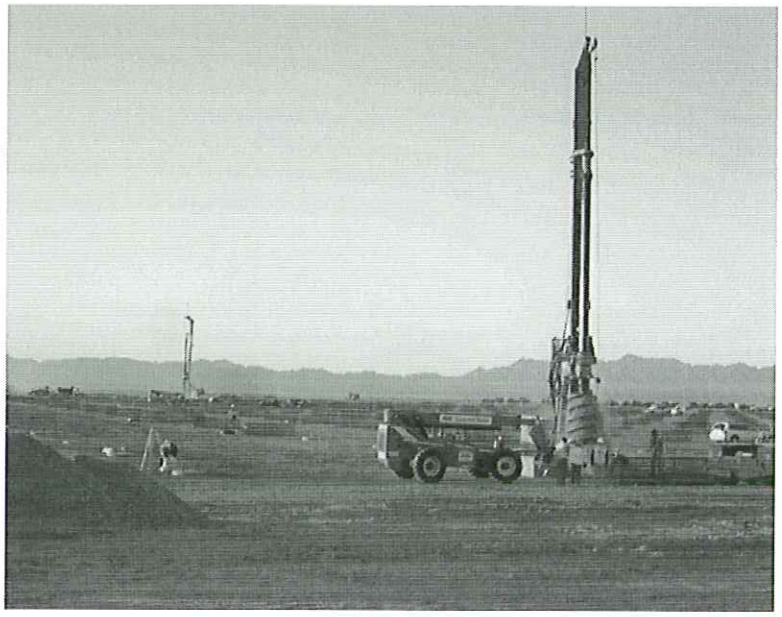
3. PSI (K007): Performed field density testing in Solar Field Unit 1and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued.

5. Largo (K013): Continued drilling with the two drill rigs, and poured a few caissons in Unit 1 Block 5 and surveying in Unit 1 Block 1. Windy conditions slowed production and halted activities for half the day.

6. Blythe Power Constructors (K100): BPC & BATZ continued to receive materials and work on punch list items for jig installation.

7. PAR (K012): Continued setting and framing poles in Solar Field Unit 2 and Common area.



8. Trailer City: Finished backfilling the east trench around the trailer complex and laying conduit and ground wire on the West side.

Personnel on Site-

Genesis Team – 10
NAM - 4
Sukut (K010) –5
Sukut (K008) - 32
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 0
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 44
Williams Scotsman – 0
Blythe Power (K100) – 2
BATZ – 1
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 27, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Moved cut operations to unit 2 and had flagmen in place along the access road equipment crossing. Flagmen will remain until an alternate road can be built.

Had conversations with Largo about drill rig safety procedures.

> **Safety Topic of the Week:** "Be a Defensive Driver" Driving During the Holiday Season
> **Weather Conditions:** Sunny, Windy, Temp – High 65; Wind- NNW 5 mph
> **Site Compliance:** A broken sprinkler head was discovered Saturday. It was repaired and mitigated the same day.

Items completed and working:

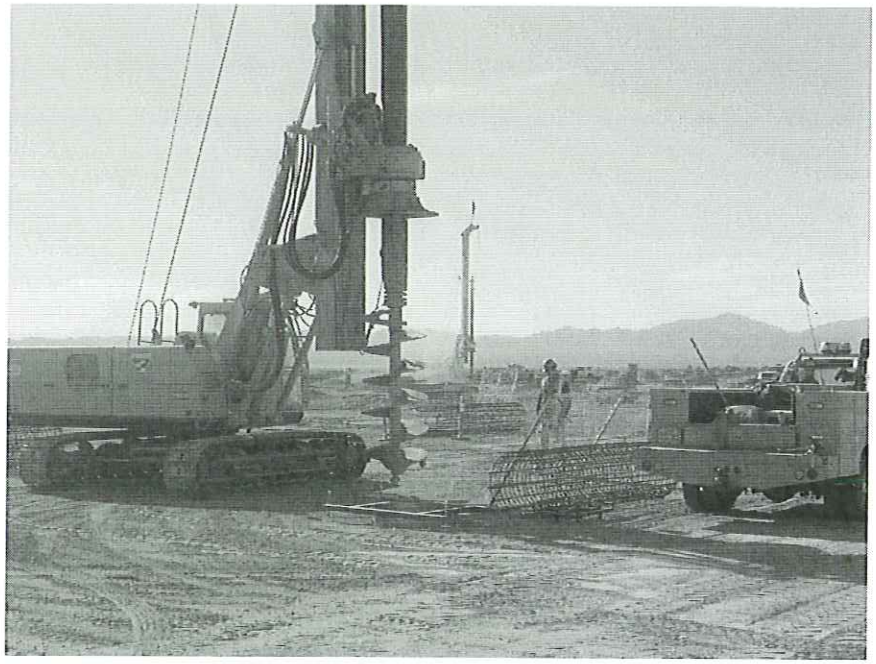
1. Site Preparation (K008): Cut operations worked in Unit 1 Block 8 and moved to Unit 2. Fill preparation continued in Block 4 of Unit 2. Finish grade operations continued in Block 6 of Unit 1, and will move onto Block 7 later in the week.

2. MCI (K018): No Activities.

3. PSI (K007): Performed field density testing in Solar Field Unit 2 and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued.

5. Largo (K013): Continued drilling with the two drill rigs, and poured caissons in Unit 1 Block 5 and surveying in Unit 1 Block 1. Unloaded rebar cages. Started working on two small foundation pedestals to support survey equipment in the Assembly Building.



6. Blythe Power Constructors (K100): BPC continued to receive materials and work on punch list items for jig installation.

7. PAR (K012): Continued setting and forming pads in Solar Field Unit 2

8. Trailer City: Finished backfilling the West trench around the trailer complex. Started forming of the electrical pad in anticipation of a small concrete pour tomorrow afternoon.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –5
Sukut (K008) - 32
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 0
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 46
Williams Scotsman – 0
Blythe Power (K100) – 5
BATZ – 0
PAR (K012) - 8
Sener – 0

Genesis Daily Site Report

December 28, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Flagmen remain in place along the access road equipment crossing. Flagmen will remain until an alternate road can be built along the south side of Unit 2.

Safety Topic of the Week: "Be a Defensive Driver" Driving During the Holiday Season
Weather Conditions: Sunny, Temp – High 66; Wind- NNW 0-5 mph
Site Compliance: Kit Fox den 20 was collapsed today. This was the last den located within the project boundaries. Kit Fox survey of Unit 2 is almost complete with only Blocks 8 & 9 remaining to be checked for possible dens.

Items completed and working:

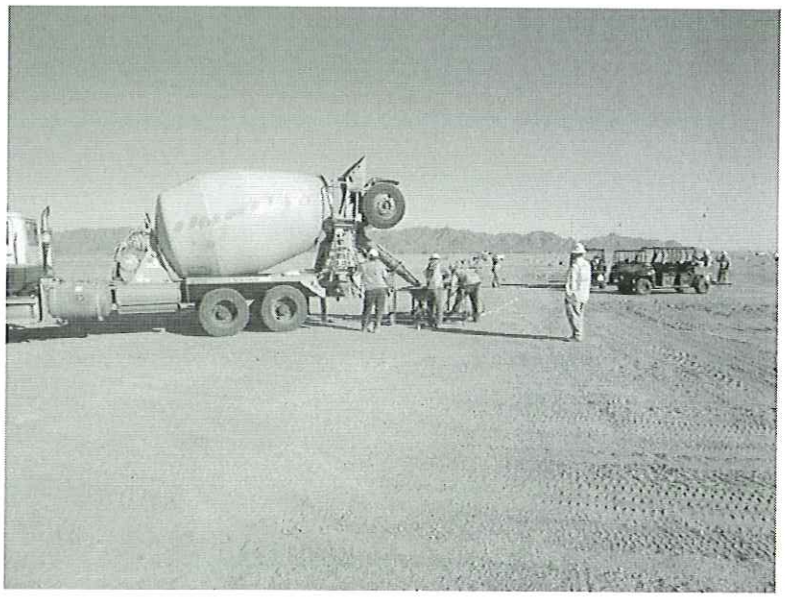
1. Site Preparation (K008): Sukut continued cut operations in Channel C of Unit 2, and will move to Block 1 later in the week. Fill was placed and fill preparation continued in Block 4 of Unit 2.

2. MCI (K018): MCI and Kone representatives began installing the permanent radio controls to the Assembly Building Cranes.

3. PSI (K007): Performed field density testing in Solar Field Unit 2 and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued.

5. Largo (K013): Continued drilling with the two drill rigs, and poured caissons in Unit 1 Block 5. Unloaded rebar cages. Formed up one small foundation pedestals to support survey equipment in the Assembly Building which will be poured tomorrow morning.



6. Blythe Power Constructors (K100): BPC continued to receive materials and work on punch list items for jig installation.

7. PAR (K012): Unloaded insulators and miscellaneous materials.

8. Trailer City: Finished grading around the trailer complex. Installed forms and rebar for the electrical pad in anticipation of a small concrete pour tomorrow morning. One single wide trailer was delivered and tied-down were installed.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –5
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 3
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 50
Williams Scotsman – 1
Blythe Power (K100) – 5
BATZ – 0
PAR (K012) - 1
Sener – 0

Genesis Daily Site Report

December 29, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Bill Jones BV Safety onsite today

Discussed hearing protection with Largo for workers around the drill rigs

Safety Topic of the Week: "Be a Defensive Driver" Driving During the Holiday Season
Weather Conditions: Sunny, Temp – High 68; Light Winds
Site Compliance: No issues.

Items completed and working:

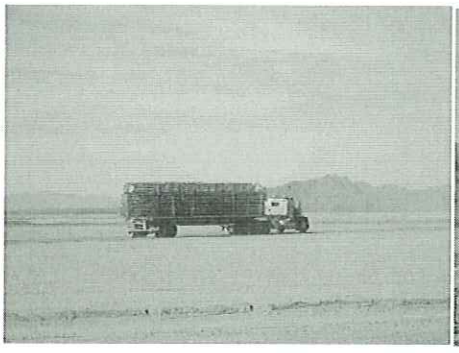
1. Site Preparation (K008): Cut operations continued in Block 1 and Channel C of Unit 2. Fill preparation and fill placement continued in Block 4 of Unit 2. Finish grade moved to Blocks 7 & 8 of Unit 1.

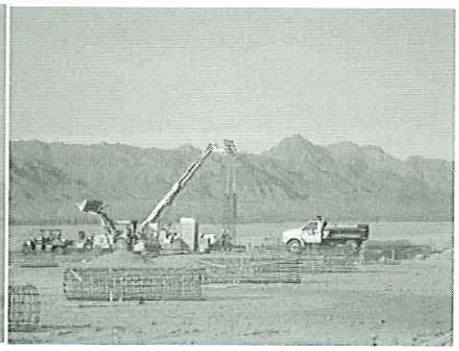
2. [illegible] Building.

3. PSI (K007): Performed field density testing in Solar Field Unit 2 and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued.

5. Largo (K013): Continued drilling with the two drill rigs, and poured 50 caissons in Unit 1 Block 5. Unloaded rebar cages and bolts. Poured one small foundation pedestals to support survey equipment in the Assembly Building. Started Laying out control points in Unit 1 Block 6.





6. Blythe Power Constructors (K100): BPC continued to receive materials and work on punch list items. Jig installation should finish up within the next day or two.

7. PAR (K012): No deliveries or work performed today due to the holidays.

8. Trailer City: Poured electrical pad this morning and started terminating cable to the main 10 wide trailer.

Personnel on Site-

NAM - 4
Sukut (K010) –5
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 3
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 50
Williams Scotsman – 0
Blythe Power (K100) – 5
BATZ – 0
PAR (K012) - 0
Sener – 0

Genesis Daily Site Report

December 30, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Working with Largo on monthly inspections and pinch point hazard during bolt cage assembly.

Safety Topic of the Week: "Be a Defensive Driver" Driving During the Holiday Season
Weather Conditions: Sunny, Temp – High 70; Light Winds
Site Compliance: No issues.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 and Channel C of Unit 2. Fill preparation and fill placement continued in Block 4 of Unit 2. Finish grade worked in Block 8 of Unit 1. Grade was checked in Block 6 with certification letter to follow.

2. MCI (K018): Performed final punchlist walked thru with MCI.

3. PSI (K007): Performed field density testing in Solar Field Unit 2 and inspection of Caissons and casted concrete cylinders in Solar Field Unit 1 Block 5.

4. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Started installation of the electric fence on the on the existing tortoise fence.

5. Largo (K013): Continued drilling and pouring caissons in Unit 1 Block 5. Unloaded rebar cages. Continued laying out control points in Unit 1 Block 6. There are 558 Caissons poured to date.

6. Blythe Power Constructors (K100): BPC continued to prepare to receive materials and finished Jig installation.

7. PAR (K012): No deliveries or work performed today due to the holidays.

8. Trailer City: Set DP panels and transformers on electrical pad. Started pulling string thru the conduit in preparation for cable installation. Offloaded the furniture connex.

Personnel on Site-
Genesis Team – 14
NAM - 4
Sukut (K010) –5
Sukut (K008) - 36
PSI Testing (K007) - 2
Terracon – 1
MC Industrial (K018) – 2
AECOM – 7
SWCA-2
Guardsmark (K005) – 3
Largo (K013) – 50
Williams Scotsman – 0
Blythe Power (K100) – 5
BATZ – 0
PAR (K012) - 0
Sener – 0

DOC # 2011-0558290
12/19/2011 08:00 AM Fees: $117.00
Page 1 of 35
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County of Riverside
Larry W. Ward
Assessor, County Clerk & Recorder

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Wildlife Heritage Foundation
563 Second Street, Suite 120
Lincoln, CA 95648
Attn: Executive Director

Space Above Line for Recorder's Use Only

CONSERVATION EASEMENT DEED
Colorado Desert Preserve

THIS CONSERVATION EASEMENT DEED ("Conservation Easement") is made as of the 16th day of December, 2011, by Wildlands California Holdings I, LLC. ("Grantor"), in favor of the Wildlife Heritage Foundation ("Grantee"), with reference to the following facts:

RECITALS

A. Grantor is the sole owner in fee simple of certain real property containing approximately 2,137 acres, located in the County of Riverside, State of California, and designated Assessor's Parcel Number(s) 860-040-001, 709-420-032, 719-280-003, 709-440-052, 709-600-010, 709-600-012, 719-080-060, 709-540-017, 709-530-013, 709-530-004, 709-480-001, 709-480-002, 709-480-003, 709-480-004, 709-480-005, 709-470-005, 709-470-006, 709-470-007, 709-470-008, 709-450-012, 709-460-001, 709-460-002, 709-460-003, 709-460-004, 709-460-005, 709-460-006, 709-460-007, 709-460-008, 709-050-034, 715-300-005, 810-100-003, and 810-100-001 (the "Property"). The Property is legally described and depicted in **Exhibit A** attached to this Conservation Easement and incorporated in it by this reference.

B. The Property possesses wildlife and habitat values of great importance to Grantee, the people of the State of California and the people of the United States. The Property will provide high quality natural habitat for desert tortoise (*Gopherus agassizii*), western burrowing owl (*Athene cunicularia hypugea*), mojave fringe-toed lizard (*Uma scoparia*), and contain waters of the State of California including: desert dry wash microphyll woodland, vegetated swale, and swale network. Individually and collectively, these wildlife and habitat values comprise the "Conservation Values" of the Property.

C. The California Department of Fish and Game ("CDFG") has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants and the habitat necessary for biologically sustainable populations of these species pursuant to California Fish and Game Code Section 1802. CDFG is authorized to hold easements for these purposes pursuant to California Civil Code Section 815.3, Fish and Game Code Section 1348, and other provisions of California law.

D. The United States Fish and Wildlife Service (the "USFWS"), an agency within the United States Department of the Interior, has jurisdiction over the conservation, protection, restoration and management of fish, wildlife, native plants, and the habitat necessary for biologically sustainable populations of these species within the United States pursuant to the federal Endangered Species Act, 16 U.S.C. Section 1531, *et seq.*, the Fish and Wildlife Coordination Act, 16 U.S.C. Sections 661-666c, the Fish and Wildlife Act of 1956, 16 U.S.C. Section 742(f), *et seq.*, and other provisions of federal law.

E. The California Energy Commission (the "CEC"), has certification and licensing jurisdiction over sites and facilities for proposed power plants (California Public Resources Code 25500 et seq.).

F. The Bureau of Land Management (the "BLM") is authorized by the Federal Land Policy and Management Act (FLPMA) to issue right of way grants for electrical power generation, transmission and distribution systems, systems for the transmission and reception of electronic signals and other means of communications, highways, railroads, pipelines (other than oil and gas pipelines) and other facilities or systems which are in the public interest (43 U.S.C. 1761-1771).

G. Grantee is authorized to hold this conservation easement pursuant to California Civil Code Section 815.3 and Government Code Section 65965. Specifically, Grantee is (i) a tax-exempt nonprofit organization qualified under section 501(c) (3) of the Internal Revenue Code of 1986, as amended, and qualified to do business in California; (ii) a "qualified organization" as defined in section 170(h) (3) of the Internal Revenue Code; and (iii) an organization which has as its primary and principal purpose and activity the protection and preservation of natural lands or resources in its natural, scenic, agricultural, forested, or open space condition or use.

H. This Conservation Easement is granted pursuant to the terms of the CEC's Commission Decision (Docket No. 09-AFC-8) (Pub # CEC-800-2010-011-CMF) issued in consultation with the Inland Deserts Region of the CDFG, the Biological Opinion issued by the Carlsbad Field Office of the USFWS, USFWS File No. FWS-ERIV-08B0060-10F0878, and the Right of Way Lease/Grant (CACA-048880) and Record of Decision issued by the BLM, (collectively the "Permits") for the Genesis Solar Energy Project. This Conservation Easementand the Colorado Desert Preserve Formal Acquisition Proposal ("Formal Acquisition Proposal"), which includes the Colorado Desert Preserve Long-Term Management Plan (the "Management Plan") have been created pursuant to the terms of the Permits. CDFG, USFWS, CEC, and BLM are together referred to in this Conservation Easement as the "Agencies".

A final, approved copy of the Management Plan, and any amendments thereto approved by the Agencies, shall be kept on file at the respective offices of the Agencies. If Grantor, or any successor or assign, requires an official copy of the Management Plan, it should request a copy from one of the Agencies at its address for notices listed in Section 12 of this Conservation Easement.

The Management Plan is incorporated by this reference into this Conservation Easement as if fully set forth herein.

I. All section numbers referred to in this Conservation Easement are references to sections within this Conservation Easement, unless otherwise indicated.

COVENANTS, TERMS, CONDITIONS AND RESTRICTIONS

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and pursuant to the laws of the United States and the State of California, including California Civil Code Section 815, *et seq.*, Grantor hereby voluntarily grants and conveys to Grantee a conservation easement in perpetuity over the Property.

1. Purposes.

The purposes of this Conservation Easement are to ensure that the Property will be retained forever in its natural condition as contemplated by the Permits and the Management Plan, and to prevent any use of the Property that will impair or interfere with the Conservation Values of the Property. Grantor intends that this Conservation Easement will confine the use of the Property to activities that are consistent with such purposes, including, without limitation, those involving the preservation, restoration and enhancement of native species and their habitats implemented in accordance with the Permits and the Management Plan.

2. Grantee's Rights.

To accomplish the purposes of this Conservation Easement, Grantor hereby grants and conveys the following rights to Grantee:

(a) To preserve and protect the Conservation Values of the Property.

(b) To enter the Property at reasonable times, in order to monitor compliance with and otherwise enforce the terms of this Conservation Easement and the Management Plan and to implement at Grantee's sole discretion Management Plan activities that have not been implemented, provided that Grantee shall not unreasonably interfere with Grantor's authorized use and quiet enjoyment of the Property.

(c) To prevent any activity on or use of the Property that is inconsistent with the purposes of this Conservation Easement and to require the restoration of such areas or features of the Property that may be damaged by any act, failure to act, or any use or activity that is inconsistent with the purposes of this Conservation Easement.

(d) To require that all Grantor's mineral, air and water rights as Grantee deems necessary to preserve and protect the biological resources and Conservation Values of the Property shall remain a part of and be put to beneficial use upon the Property, consistent with the purposes of this Conservation Easement.

(e) All present and future development rights appurtenant to, allocated, implied, reserved or inherent in the Property; such rights are hereby terminated and extinguished, and may not be used on or transferred to any portion of the Property, nor any other property adjacent or otherwise.

3. Prohibited Uses.

Any activity on or use of the Property that is inconsistent with the purposes of this Conservation Easement is prohibited. Without limiting the generality of the foregoing, the following uses and activities by Grantor, Grantor's agents, and third parties are expressly prohibited:

(a) Unseasonable watering; use of fertilizers, pesticides, biocides, herbicides or other agricultural chemicals; weed abatement activities; incompatible fire protection activities; and any and all other activities and uses which may impair or interfere with the purposes of this Conservation Easement except for invasive species management as specifically provided in the Management Plan.

(b) Use of off-road vehicles and use of any other motorized vehicles except on existing roadways, except for management, maintenance, and monitoring purposes as specifically provided in the Management Plan.

(c) Agricultural activity of any kind except grazing for vegetation management as specifically provided in the Management Plan.

(d) Recreational activities, including, but not limited to, horseback riding, motorized vehicle use, biking, hunting or fishing except for dispersed low impact, non-commercial, recreational activities , so long as such activities are consistent with the purposes of this Conservation Easement and specifically provided for in the Management Plan.

(e) Commercial, industrial, residential, or institutional uses.

(f) Any legal or de facto division, subdivision or partitioning of the Property.

(g) Construction, reconstruction, erecting or placement of any building, billboard or sign, or any other structure or improvement of any kind except for boundary signage as specifically provided in the Management Plan.

(h) Depositing or accumulation of soil, trash, ashes, refuse, waste, bio-solids or any other materials.

(i) Planting, introduction or dispersal of non-native or exotic plant or animal species.

(j) Filling, dumping, excavating, draining, dredging, mining, drilling, removing or exploring for or extracting minerals, loam, soil, sand, gravel, rock or other material on or above a depth of 500 feet below the surface of the Property, or granting or authorizing surface entry for any of these purposes.

(k) Altering the surface or general topography of the Property, including but not limited to any alterations to habitat, building roads or trails, paving or otherwise covering the Property with concrete, asphalt or any other impervious material except for those habitat management activities specified in the Management Plan.

(l) Removing, destroying, harvesting or cutting of trees, timber, shrubs or other vegetation, except as required by law for (i) fire breaks, (ii) maintenance of existing foot trails or roads, or (iii) prevention or treatment of disease; and except for invasive species management as specifically provided in the Management Plan.

(m) Manipulating, impounding or altering any natural water course, body of water or water circulation on the Property, and any activities or uses detrimental to water quality, including but not limited to degradation or pollution of any surface or sub-surface waters.

(n) Without the prior written consent of Grantee, which Grantee may withhold, transferring, encumbering, selling, leasing, or otherwise separating Grantor's mineral, air or water rights for the Property; changing the place or purpose of use of the water rights; abandoning or allowing the abandonment of, by action or inaction, any water or water rights, ditch or ditch rights, spring rights, reservoir or storage rights, wells, ground water rights, or other rights in and to the use of water historically used on or otherwise appurtenant to the Property, including but not limited to: (i) riparian water rights; (ii) appropriative water rights; (iii) rights to waters which are secured under contract with any irrigation or water district, to the extent such waters are customarily applied to the Property; and (iv) any water from wells that are in existence or may be constructed in the future on the Property.

(o) Engaging in any use or activity that may violate, or may fail to comply with, relevant federal, state, or local laws, regulations, or policies applicable to Grantor, the Property, or the use or activity in question.

4. Grantee's Duties.

(a) To ensure that the purposes of this Conservation Easement as described in Section 1 are being accomplished, Grantee and its successors and assigns shall:

(1) Perform, at a minimum on an annual basis, compliance monitoring inspections of the Property; and

(2) Prepare reports on the results of the compliance monitoring inspections, and provide these reports to the Agencies on an annual basis.

(b) In the event that the Grantee's interest in this easement is held by, reverts to, or is transferred to the State of California, Section 4(a) shall not apply.

5. Grantor's Duties.

Grantor shall undertake all reasonable actions to prevent the unlawful entry and trespass by persons whose activities may degrade or harm the Conservation Values of the Property or that are otherwise inconsistent with this Conservation Easement. In addition, Grantor shall undertake all necessary actions to perfect and defend Grantee's rights under Section 2 of this Conservation Easement, and to observe and carry out the obligations of Grantor under the Management Plan.

6. Reserved Rights.

Grantor reserves to itself, and to its personal representatives, heirs, successors, and assigns, all rights accruing from Grantor's ownership of the Property, including the right to engage in or permit or invite others to engage in all uses of the Property that are not prohibited or limited by, and are consistent with the purposes of, this Conservation Easement.

7. Grantee's Remedies.

If Grantee determines that a violation of this Conservation Easement has occurred or is threatened, Grantee shall give written notice to Grantor of such violation and demand in writing the cure of such violation ("Notice of Violation"). If Grantor fails to cure the violation within thirty (30) days after receipt of a Notice of Violation, or if the cure reasonably requires more than thirty (30) days to complete and Grantor fails to begin the cure within the thirty (30)-day period or fails to continue diligently to complete the cure, Grantee may bring an action at law or in equity in a court of competent jurisdiction for any or all of the following: to recover any damages to which Grantee may be entitled for violation of the terms of this Conservation Easement or for any injury to the Conservation Values of the Property; to enjoin the violation, *ex parte* as necessary, by temporary or permanent injunction without the necessity of proving either actual damages or the inadequacy of otherwise available legal remedies; to pursue any other legal or equitable relief, including but not limited to, the restoration of the Property to the condition in which it existed prior to any violation or injury; or to otherwise enforce this Conservation Easement. Without limiting the liability of Grantor, Grantee may apply any damages recovered to the cost of undertaking any corrective action on the Property.

If Grantee, in its sole discretion, determines that circumstances require immediate action to prevent or mitigate injury to the Conservation Values of the Property, Grantee may pursue its remedies under this Conservation Easement without prior notice to Grantor or without waiting for the period provided for cure to expire. Grantee's rights under this section apply equally to actual or threatened violations of this Conservation Easement.

Grantor agrees that Grantee's remedies at law for any violation of this Conservation Easement are inadequate and that Grantee shall be entitled to the injunctive relief described in this section, both prohibitive and mandatory, in addition to such other relief to which Grantee may be entitled, including specific performance of this Conservation Easement, without the necessity of proving either actual damages or the inadequacy of otherwise available legal remedies. Grantee's remedies described in this section shall be cumulative and shall be in addition to all remedies now or hereafter existing at law or in equity, including but not limited to the remedies set forth in California Civil Code Section 815, *et seq.* The failure of Grantee to discover a violation or to take immediate legal action shall not bar Grantee from taking such action at a later time.

(a) Costs of Enforcement.

All costs incurred by Grantee, where Grantee is the prevailing party, in enforcing the terms of this Conservation Easement against Grantor, including, but not limited to, costs of suit and attorneys' and experts' fees, and any costs of restoration necessitated by negligence or breach of this Conservation Easement, shall be borne by Grantor.

(b) Grantee's Discretion.

Enforcement of the terms of this Conservation Easement by Grantee shall be at the discretion of Grantee, and any forbearance by Grantee to exercise its rights under this Conservation Easement in the event of any breach of any term of this Conservation Easement shall not be deemed or construed to be a waiver of such term or of any subsequent breach of the same or any other term of this Conservation Easement or of any rights of Grantee under this Conservation Easement. No delay or omission by Grantee in the exercise of any right or remedy shall impair such right or remedy or be construed as a waiver.

(c) Acts Beyond Grantor's Control.

Nothing contained in this Conservation Easement shall be construed to entitle Grantee to bring any action against Grantor for any injury to or change in the Property resulting from (i) any natural cause beyond Grantor's control, including, without limitation, fire not caused by Grantor, flood, storm, and earth movement, or any prudent action taken by Grantor under emergency conditions to prevent, abate, or mitigate significant injury to the Property resulting from such causes; or (ii) acts by Grantee or its employees.

(d) Enforcement; Standing.

All rights and remedies conveyed to Grantee under this Conservation Easement shall extend to and are enforceable by the Third-Party Beneficiaries (as defined in Section 14(m)). These enforcement rights are in addition to, and do not limit, the rights of enforcement under the Permits or the Management Plan. If at any time in the future Grantor uses, allows the use, or threatens to use or allow use of, the Property for any purpose that is inconsistent with or in violation of this Conservation Easement then, despite the provisions of California Civil Code Section 815.7, the California Attorney General and the Third-Party Beneficiaries each has standing as an interested party in any proceeding affecting this Conservation Easement.

(e) Notice of Conflict.

If Grantor receives a Notice of Violation from Grantee or a Third-Party Beneficiary with which it is impossible for Grantor to comply consistent with any prior uncured Notice(s) of Violation, Grantor shall give written notice of the conflict (hereinafter "Notice of Conflict") to the Grantee and Third-Party Beneficiaries. In order to be a valid, a Notice of Conflict shall be given within fifteen (15) days of the date Grantor receives a conflicting Notice of Violation, shall include copies of the conflicting Notices of Violation, and shall describe the conflict with specificity, including how the conflict makes compliance with the uncured Notice(s) of Violation impossible. Upon issuing a valid Notice of Conflict, Grantor shall not be required to comply with the conflicting Notices of Violation until such time as the entity or entities issuing said conflicting Notices of Violation issue(s) revised Notice(s) of Violation that resolve the conflict. Upon receipt of a revised Notice of Violation, Grantor shall comply with such notice within the time period(s) described in the first grammatical paragraph of this Section. The failure of Grantor to issue a valid Notice of Conflict within fifteen (15) days of receipt of a conflicting Notice of Violation shall constitute a waiver of Grantor's ability to claim a conflict.

(f) Reversion.

If the Agencies determine that Grantee is not holding, monitoring or managing this Conservation Easement for conservation purposes in the manner specified in this

Conservation Easement or in the Permits or the Management Plan then, pursuant to California Government Code Section 65965(c), this Conservation Easement shall revert to the State of California, or to another public agency or nonprofit organization qualified pursuant to Civil Code Section 815.3 and Government Code Section 65965 (and any successor or other provision(s) then applicable) and approved by the Agencies.

8. Access.

This Conservation Easement does not convey a general right of access to the public. If ownership of the Property is transferred to a public entity, public access shall be granted only for dispersed low impact activities that are consistent with the terms of the Conservation Easement and consistent with the purpose of the transfer.

9. Costs and Liabilities.

Grantor retains all responsibilities and shall bear all costs and liabilities of any kind related to the ownership, operation, upkeep, and maintenance of the Property. Grantor agrees that neither Grantee nor Third-Party Beneficiaries shall have any duty or responsibility for the operation, upkeep or maintenance of the Property, the monitoring of hazardous conditions on it, or the protection of Grantor, the public or any third parties from risks relating to conditions on the Property. Grantor remains solely responsible for obtaining any applicable governmental permits and approvals required for any activity or use permitted by this Conservation Easement and any activity or use shall be undertaken in accordance with all applicable federal, state, local and administrative agency laws, statutes, ordinances, rules, regulations, orders and requirements.

(a) Taxes; No Liens.

Grantor shall pay before delinquency all taxes, assessments (general and special), fees, and charges of whatever description levied on or assessed against the Property by competent authority (collectively "Taxes"), including any Taxes imposed upon, or incurred as a result of, this Conservation Easement, and shall furnish Grantee with satisfactory evidence of payment upon request. Grantor shall keep the Property free from any liens (other than a security interest that is expressly subordinated to this Conservation Easement, as provided in Section 14(k)), including those arising out of any obligations incurred by Grantor for any labor or materials furnished or alleged to have been furnished to or for Grantor at or for use on the Property.

(b) Hold Harmless.

(1) Grantor shall hold harmless, protect and indemnify Grantee and its directors, officers, employees, agents, contractors, and representatives and the heirs, personal representatives, successors and assigns of each of them (each a "Grantee Indemnified Party" and collectively, "Grantee's Indemnified Parties") from and against any and all liabilities, penalties, costs, losses, damages, expenses (including, without limitation reasonable attorneys' fees and experts' fees), causes of action, claims, demands, orders, liens or judgments (each a "Claim" and, collectively, "Claims"), arising from or in any way connected with: (i) injury to or the death of any person, or physical damage to any property, resulting from any act, omission, condition, or other matter related to or occurring on or about the Property, regardless of cause, except that this indemnification shall be inapplicable to any Claim due solely to the negligence of Grantee or any of its employees; (ii) the obligations specified in Sections 5, 9 and 9(a); and (iii) the existence or

administration of this Conservation Easement. If any action or proceeding is brought against any of the Grantee's Indemnified Parties by reason of any such Claim, Grantor shall, at the election of and upon written notice from Grantee, defend such action or proceeding by counsel reasonably acceptable to the Grantee's Indemnified Party.

(2) Grantor shall hold harmless, protect and indemnify Third-Party Beneficiaries and their respective directors, officers, employees, agents, contractors, and representatives and the heirs, personal representatives, successors and assigns of each of them (each a "Third-Party Beneficiary Indemnified Party" and collectively, "Third-Party Beneficiary Indemnified Parties") from and against any and all Claims arising from or in any way connected with: (i) injury to or the death of any person, or physical damage to any property, resulting from any act, omission, condition, or other matter related to or occurring on or about the Property, regardless of cause and (ii) the existence or administration of this Conservation Easement. *Provided, however,* that the indemnification in this Section 9 (b) (2) shall be inapplicable to a Third-Party Beneficiary Indemnified Party with respect to any Claim due solely to the negligence of that Third-Party Beneficiary Indemnified Party or any of its employees. If any action or proceeding is brought against any of the Third-Party Beneficiary Indemnified Parties by reason of any Claim to which the indemnification in this Section 9 (b) (2) applies, then at the election of and upon written notice from the Third-Party Beneficiary Indemnified Party, Grantor shall defend such action or proceeding by counsel reasonably acceptable to the applicable Third-Party Beneficiary Indemnified Party or reimburse the Third-Party Beneficiary Indemnified Party for all charges incurred for services of the California Attorney General or the U.S. Department of Justice in defending the action or proceeding.

(c) Extinguishment.

If circumstances arise in the future that render the preservation of Conservation Values, or other purposes of this Conservation Easement impossible to accomplish, this Conservation Easement can only be terminated or extinguished, in whole or in part, by judicial proceedings in a court of competent jurisdiction.

(d) Condemnation.

The purposes of this Conservation Easement are presumed to be the best and most necessary public use as defined at California Code of Civil Procedure Section 1240.680 notwithstanding Code of Civil Procedure Sections 1240.690 and 1240.700.

10. Transfer of Conservation Easement or Property.

(a) Conservation Easement.

This Conservation Easement may be assigned or transferred by Grantee upon written approval of the Agencies, which approval shall not be unreasonably withheld or delayed, but Grantee shall give Grantor and the Agencies at least sixty (60) days prior written notice of the proposed assignment or transfer. Grantee may assign or transfer its rights under this Conservation Easement only to an entity or organization: (i) authorized to acquire and hold conservation easements pursuant to California Civil Code Section 815.3 and Government Code Section 65965 (and any successor or other provision(s) then applicable), or the laws of the United States; and (ii) otherwise reasonably acceptable to the Agencies. Grantee shall require the assignee to record

the assignment in the county where the Property is located. The failure of Grantee to perform any act provided in this section shall not impair the validity of this Conservation Easement or limit its enforcement in any way. Any transfer under this section is subject to the requirements of Section 11.

(b) Property.

Grantor agrees to incorporate the terms of this Conservation Easement by reference in any deed or other legal instrument by which Grantor divests itself of any interest in all or any portion of the Property, including, without limitation, a leasehold interest. Grantor agrees that the deed or other legal instrument shall also incorporate by reference the Management Plan, and any amendment(s) thereto. Grantor further agrees to give written notice to Grantee and the Agencies of the intent to transfer any interest at least sixty (60) days prior to the date of such transfer. Grantee or the Agencies shall have the right to prevent any transfers in which prospective subsequent claimants or transferees are not given notice of the terms, covenants, conditions and restrictions of this Conservation Easement (including the exhibits and documents incorporated by reference in it). The failure of Grantor to perform any act provided in this section shall not impair the validity of this Conservation Easement or limit its enforceability in any way. Any transfer under this section is subject to the requirements of Section 11.

11. Merger.

The doctrine of merger shall not operate to extinguish this Conservation Easement if the Conservation Easement and the Property become vested in the same party. If, despite this intent, the doctrine of merger applies to extinguish the Conservation Easement then, unless Grantor, Grantee, and the Agencies otherwise agree in writing, a replacement conservation easement or restrictive covenant containing the same protections embodied in this Conservation Easement shall be recorded against the Property.

12. Notices.

Any notice, demand, request, consent, approval, or other communication that Grantor or Grantee desires or is required to give to the other shall be in writing, with a copy to each of the Agencies, and served personally or sent by recognized overnight courier that guarantees next-day delivery or by first class United States mail, postage fully prepaid, addressed as follows:

To Grantor: Wildlands California Holdings I., LLC
3855 Atherton Road
Rocklin, CA 95765
Attn: General Counsel

To Grantee: Wildlife Heritage Foundation
563 Second Street
Suite 120
Lincoln, CA 95648
Attn: Director

To CDFG:	Department of Fish and Game Inland Deserts Region 3602 Inland Empire Boulevard Suite C-220 Ontario, CA 91764 Attn: Regional Manager
With a copy to:	Department of Fish and Game Office of General Counsel 1416 Ninth Street, 12th Floor Sacramento, CA 95814-2090 Attn: General Counsel
To USFWS:	United States Fish and Wildlife Service Carlsbad Field Office 6010 Hidden Valley Road, Suite 101 Carlsbad, CA 92011 Attn: Field Supervisor
To CEC:	California Energy Commission 1516 Ninth Street Sacramento, CA 95814 Attn: General Counsel
To BLM:	Bureau of Land Management 2800 Cottage Way, Suite W-1623 Sacramento, CA 95825-1886 Attn: State Director

or to such other address a party or a Agency shall designate by written notice to Grantor, Grantee and the Agencies. Notice shall be deemed effective upon delivery in the case of personal delivery or delivery by overnight courier or, in the case of delivery by first class mail, three (3) days after deposit into the United States mail.

13. Amendment.

This Conservation Easement may be amended only by mutual written agreement of Grantor and Grantee and written approval of the Agencies, which approval shall not be unreasonably withheld or delayed. Any such amendment shall be consistent with the purposes of this Conservation Easement and California law governing conservation easements, and shall not affect its perpetual duration. Any such amendment shall be recorded in the official records of the county in which the Property is located, and Grantee shall promptly provide a conformed copy of the recorded amendment to the Grantor and the Agencies.

14. Additional Provisions.

(a) Controlling Law.

The interpretation and performance of this Conservation Easement shall

be governed by the laws of the United States and the State of California, disregarding the conflicts of law principles of such state.

(b) Liberal Construction.

Despite any general rule of construction to the contrary, this Conservation Easement shall be liberally construed to effect the purposes of this Conservation Easement and the policy and purpose of California Civil Code Section 815, *et seq.* and Government Code Section 65965. If any provision in this instrument is found to be ambiguous, an interpretation consistent with the purposes of this Conservation Easement that would render the provision valid shall be favored over any interpretation that would render it invalid.

(c) Severability.

If a court of competent jurisdiction voids or invalidates on its face any provision of this Conservation Easement, such action shall not affect the remainder of this Conservation Easement. If a court of competent jurisdiction voids or invalidates the application of any provision of this Conservation Easement to a person or circumstance, such action shall not affect the application of the provision to any other persons or circumstances.

(d) Entire Agreement.

This document including its exhibits and the Management Plan incorporated by reference in this document sets forth the entire agreement of the parties and the Agencies with respect to the Conservation Easement and supersedes all prior discussions, negotiations, understandings, or agreements of the parties relating to the Conservation Easement. No alteration or variation of this Conservation Easement shall be valid or binding unless contained in an amendment in accordance with Section 13.

(e) No Forfeiture.

Nothing contained in this Conservation Easement will result in a forfeiture or reversion of Grantor's title in any respect.

(f) Successors.

The covenants, terms, conditions, and restrictions of this Conservation Easement shall be binding upon, and inure to the benefit of, the parties and their respective personal representatives, heirs, successors, and assigns, and shall constitute a servitude running in perpetuity with the Property.

(g) Termination of Rights and Obligations.

A party's rights and obligations under this Conservation Easement terminate upon transfer of the party's interest in the Conservation Easement or Property, except that liability for acts, omissions or breaches occurring prior to transfer shall survive transfer.

(h) Captions.

The captions in this instrument have been inserted solely for convenience of reference and are not a part of this instrument and shall have no effect upon its construction or interpretation.

(i) No Hazardous Materials Liability.

(1) Grantor represents and warrants that it has no knowledge or notice of any Hazardous Materials (defined below) or underground storage tanks existing, generated, treated, stored, used, released, disposed of, deposited or abandoned in, on, under, or from the Property, or transported to or from or affecting the Property.

(2) Without limiting the obligations of Grantor under Section 9 (b), Grantor hereby releases and agrees to indemnify, protect and hold harmless the Grantee's Indemnified Parties (defined in Section 9 (b) (1)) from and against any and all Claims (defined in Section 9 (b)(1)) arising from or connected with any Hazardous Materials or underground storage tanks present, alleged to be present, released in, from or about, or otherwise associated with the Property at any time, except any Hazardous Materials placed, disposed or released by Grantee or any of its employees. This release and indemnification includes, without limitation, Claims for (A) injury to or death of any person or physical damage to any property; and (B) the violation or alleged violation of, or other failure to comply with, any Environmental Laws (defined below). If any action or proceeding is brought against any of the Grantee's Indemnified Parties by reason of any such Claim, Grantor shall, at the election of and upon written notice from the applicable Grantee Indemnified Party, defend such action or proceeding by counsel reasonably acceptable to the Grantee Indemnified Party.

(3) Without limiting the obligations of Grantor under Section 9 (b), Grantor hereby releases and agrees to indemnify, protect and hold harmless the Third-Party Beneficiary Indemnified Parties (defined in Section 9 (b)(2)) from and against any and all Claims arising from or connected with any Hazardous Materials or underground storage tanks present, alleged to be present, released in, from or about, or otherwise associated with the Property at any time, except that this release and indemnification shall be inapplicable to a Third-Party Beneficiary Indemnified Party with respect to any Hazardous Materials placed, disposed or released by that Third-Party Beneficiary Indemnified Party or any of its employees. This release and indemnification includes, without limitation, Claims for (A) injury to or death of any person or physical damage to any property; and (B) the violation of alleged violation of, or other failure to comply with, any Environmental Laws. If any action or proceeding is brought against any of the Third-Party Beneficiary Indemnified Parties by reason of any such Claim, Grantor shall, at the election or and upon written notice from the applicable Third-Party Beneficiary Indemnified Party, defend such action or proceeding by counsel reasonably acceptable to the Third-Party Beneficiary Indemnified Party for all charges incurred for services of the California Attorney General or the U.S. Department of Justice in defending the action or proceeding.

(4) Despite any contrary provision of this Conservation Easement, the parties do not intend this Conservation Easement to be, and this Conservation Easement shall not be, construed such that it creates in or gives to Grantee or any Third-Party Beneficiaries any of the following:

(A) The obligations or liability of an "owner" or "operator," as those terms are defined and used in Environmental Laws (defined below), including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. § 9601, *et seq.*; hereinafter, "CERCLA"); or

(B) The obligations or liabilities of a person described in 42 U.S.C. § 9607(a)(3) or (4); or

(C) The obligations of a responsible person under any applicable Environmental Laws; or

(D) The right to investigate and remediate any Hazardous Materials associated with the Property; or

(E) Any control over Grantor's ability to investigate, remove, remediate or otherwise clean up any Hazardous Materials associated with the Property.

(5) The term "Hazardous Materials" includes, without limitation, (a) material that is flammable, explosive or radioactive; (b) petroleum products, including by-products and fractions thereof; and (c) hazardous materials, hazardous wastes, hazardous or toxic substances, or related materials defined in CERCLA, the Resource Conservation and Recovery Act of 1976 (42 U.S.C. § 6901, *et seq.*; hereinafter, "RCRA"); the Hazardous Materials Transportation Act (49 U.S.C. §5101, *et seq.*; hereinafter, "HTA"); the Hazardous Waste Control Law (California Health & Safety Code § 25100, *et seq.*; hereinafter, "HCL"); the Carpenter-Presley-Tanner Hazardous Substance Account Act (California Health & Safety Code § 25300, *et seq.*; hereinafter "HSA"), and in the regulations adopted and publications promulgated pursuant to them, or any other applicable Environmental Laws now in effect or enacted after the date of this Conservation Easement.

(6) The term "Environmental Laws" includes, without limitation, CERCLA, RCRA, HTA, HCL, HSA, and any other federal, state, local or administrative agency statute, ordinance, rule, regulation, order or requirement relating to pollution, protection of human health or safety, the environment or Hazardous Materials. Grantor represents, warrants and covenants to Grantee and Third-Party Beneficiaries that activities upon and use of the Property by Grantor, its agents, employees, invitees and contractors will comply with all Environmental Laws.

(j) Warranty.

Grantor represents and warrants that Grantor is the sole owner of the Property. Grantor also represents and warrants that, except as specifically disclosed to and approved by the Agencies pursuant to the Property Assessment attached as Exhibit A-2 to the Formal Acquisition Proposal there are no outstanding mortgages, liens, encumbrances or other interests in the Property (including, without limitation, mineral interests) which may conflict or are inconsistent with this Conservation Easement.

(k) Additional Interests.

Grantor shall not grant any additional easements, rights of way or other interests in the Property (other than a security interest that is expressly subordinated to this Conservation Easement), nor shall Grantor grant, transfer, abandon or relinquish (each a "Transfer") any mineral, air, or water right or any water associated with the Property, without first obtaining the written consent of Grantee and the Agencies. Such consent may be withheld if

Grantee or the Agencies determine(s) that the proposed interest or Transfer is inconsistent with the purposes of this Conservation Easement or will impair or interfere with the Conservation Values of the Property. This Section 14(k) shall not limit the provisions of Section 2(d) or 3(n), nor prohibit transfer of a fee or leasehold interest in the Property that is subject to this Conservation Easement and complies with Section 10. Grantor shall provide a copy of any recorded or unrecorded grant or Transfer document to the Grantee and Agencies.

(l) Recording.

Grantee shall record this Conservation Easement in the Official Records of the County in which the Property is located, and may re-record it at any time as Grantee deems necessary to preserve its rights in this Conservation Easement.

(m) Third-Party Beneficiary.

Grantor and Grantee acknowledge that the CDFG, USFWS, CEC, and BLM (the "Third-Party Beneficiaries") are third party beneficiaries of this Conservation Easement with the right of access to the Property and the right to enforce all of the obligations of Grantor including, but not limited to, Grantor's obligations under Section 14, and all other rights and remedies of the Grantee under this Conservation Easement.

(n) Funding.

Endowment funding for the perpetual management, maintenance and monitoring of the Property is specified in and governed by the Management Plan.

IN WITNESS WHEREOF Grantor has executed this Conservation Easement Deed the day and year first above written.

GRANTOR: Wildlands California Holdings I, LLC.

BY: Gordon Jones

NAME: GORDON JONES

TITLE: PRESIDENT

DATE: OCTOBER 24, 2011

GRANTEE: Wildlife Heritage Foundation

BY: _____

NAME: _____

TITLE: _____

DATE: _____

ACKNOWLEDGMENT

State of ~~California~~ GEORGIA
County of FULTON)

On OCTOBER 26, 2011 before me, CHARLES A. MORGAN IV
(insert name and title of the officer)

personally appeared GORDON JONES,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Charles A. Morgan IV (Seal)

CHARLES A MORGAN IV
NOTARY PUBLIC
DEKALB COUNTY, GEORGIA
MY COMMISSION EXPIRES MAY 10, 2015

IN WITNESS WHEREOF Grantor has executed this Conservation Easement Deed the day and year first above written.

GRANTOR: Wildlands California Holdings I, LLC.

BY:_____

NAME:_____

TITLE:_____

DATE: _____

GRANTEE: Wildlife Heritage Foundation

BY: Patrick Shea

NAME: Patrick Shea

TITLE: Executive Director

DATE: 10/27/2011

ACKNOWLEDGMENT

State of California
County of Placer)

On October 27, 2011 before me, Julie D. Maddox, Notary Public
(insert name and title of the officer)

personally appeared Patrick Shea,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

JULIE D. MADDOX
COMM. #1796989
Notary Public • California
Placer County
Comm. Expires May 1, 2012

Signature _____ (Seal)

EXHIBIT "A"

All that certain real property situated in the County of Riverside, State of California, described as follows:

That portion of the North Half of Section 7, Township 8 South, Range 16 East, San Bernardino Base and Meridian, as shown by United States Government Survey, filed in the District Land Office on March 1, 1916 which lies North of the North line of that portion thereof taken by the United States of America by Action Number 2054-Y of the District Court of the United States, Southern District of California, Central Division, a certified copy of the Declaration of Taking in said action being recorded February 18, 1942 in Book 531 Page 459 of Official Records of Riverside County, California.

Assessor Parcel No. 860-040-001-1 (CDP-1)

Government Lot 4 in Section 31, Township 6 South, Range 13 East, San Bernardino Base and Meridian, in the County of Riverside, State of California, according to the official plat thereof.

EXCEPT therefrom the oil, gas, minerals, and other hydrocarbon substances lying below the surface of said land, as provided in deeds of record.

Assessor's Parcel Number: 709-420-032-7 (CDP-2)

THE WEST HALF OF THE EAST HALF OF SECTION 11, TOWNSHIP 7 SOUTH, RANGE 13 EAST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

A NON-EXCLUSIVE EASEMENT AND RIGHTS OF WAY FOR INGRESS, EGRESS AND FOR THE INSTALLATION AND MAINTENANCE OF ALL UTILITIES, OVER THE REAL PROPERTY DESCRIBED IN THE QUITCLAIM DEED, EXECUTED BY MONROE A. BLOOM TO THE BANK OF CALIFORNIA, AND RECORDED MARCH 23, 1971 AS INSTRUMENT NO. 29026.

Assessor's Parcel Number: 719-280-003-2 (CDP-3 Sub-Area 1)

The Southeast quarter of the Northeast quarter of the Southwest quarter of Section 35, Township 6, South, Range 13 East of the San Bernardino Base and Meridian, in the County of Riverside, State of California.

Assessor's Parcel Number: 709-440-052 (CDP-3 Sub-Area 2)

The Southeast quarter of the Northeast quarter of the Southwest quarter of Section 25, Township 6 South, Range 13 East of the San Bernardino Base and Meridian, in the County of Riverside, State of California.

Assessor's Parcel Number:709-600-010 (CDP-3 Sub-Area 3)

The Northwest quarter of the Northeast quarter of the Southwest quarter of Section 25, Township 6 South, Range 13 East of the San Bernardino Base and Meridian, in the County of Riverside, State of California.

Assessor's Parcel Number:709-600-012 (CDP-3 Sub-Area 3)

Section 5, Township 7 South, Range 12 East, San Bernardino Meridian, in the County of Riverside, State of California, according to the Official Plat thereof.

EXCEPT therefrom the oil, gas, minerals, and other hydrocarbon substances lying below the surface of said land, as provided in deeds of record.

Assessor Parcel No. 719-080-060-5 (CDP-4 Sub-Area 1)

THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 33, TOWNSHIP 6 SOUTH, RANGE 12 EAST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

EXCEPT THEREFROM THE OIL, GAS, MINERALS, AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND, AS PROVIDED IN DEEDS OF RECORD.

Assessor's Parcel Number: 709-540-017-5 (CDP-4 SUB-AREA 2)

The East half of Government Lot 2 in the Northwest quarter of Section 31, Township 6 South, Range 12 East of the San Bernardino Base and Meridian, in the County of Riverside, State of California.

Assessor's Parcel Number: 709-530-013 (CDP-4 Sub-Area 3)

The Northeast quarter of the Northwest quarter of Section 31, Township 6 South, Range 12 East of the San Bernardino Base and Meridian, in the County of Riverside, State of California.

Assessor's Parcel Number: 709-530-004 (CDP-4 Sub-Area 4)

The Southwest quarter of Section 21, Township 6South, Range 12 East, San Bernardino Base and Meridian, in the County of Riverside, State of California, according to the official plat thereof.

EXCEPT therefrom the oil, gas, minerals, and other hydrocarbon substances lying below the surface of said land, as provided in deeds of record.

Assessor's Parcel Number: 709-480-001-5; 709-480-002-6; 709-480-003-7; 709-480-004-8 and 709-480-005-9 (CDP-4 Sub-Area 5)

THE NORTHEAST QUARTER OF SECTION 21, TOWNSHIP 6 SOUTH, RANGE 12 EAST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT THEREFROM THE OIL, GAS, MINERALS, AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND, AS PROVIDED IN DEEDS OF RECORD.

Assessor's Parcel Number: 709-470-005-8, 709-470-006-9, 709-470-007-0, and 709-470-008-1 (CDP-4 Sub-Area 6)

The Northwest quarter of Section 19, Township 6 South, Range 12 East, San Bernardino Base and Meridian, in the County of Riverside, State of California, according to the official plat thereof.

EXCEPT therefrom the oil, gas, minerals, and other hydrocarbon substances lying below the surface of said land, as provided in deeds of record.

Assessor's Parcel Number: 709-450-012-2 (CDP-4 Sub-Area 7)

The South half of Section 19, Township 6 South, Range 12 East, San Bernardino Base and Meridian, in the County of Riverside, State of California, according to the official plat thereof.

EXCEPT therefrom all oil, gas, minerals, and other hydrocarbon substances lying below the surface of said land, but with no right of surface entry, as provided in deeds of record.

Assessor's Parcel Numbers: 709-460-001, 709-460-002, 709-460-003, 709-460-004, 709-460-005, 709-460-006, 709-460-007, and 709-460-008 (CDP-4 Sub-Areas 8 & 9)

The Southeast quarter of the Southeast quarter of the Southwest quarter of Section 5, Township 6, South, Range 12 East of the San Bernardino Base and Meridian, in the County of Riverside, State of California.

Assesor's Parcel Number: 709-050-034 (CDP-4 Sub-Area 10)

THE EASTERLY 60 ACRES OF THE FOLLOWING DESCRIBED PROPERTY:

THAT PORTION OF THE NORTH HALF OF SECTION 13, TOWNSHIP 6 SOUTH, RANGE 11 EAST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN BY UNITED STATES GOVERNMENT SURVEY, APPROVED BY UNITED STATES GENERAL FOR CALIFORNIA ON MARCH 9, 1914, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION; THENCE SOUTH ALONG THE WEST LINE OF SAID SECTION TO THE CENTER LINE OF STATE HIGHWAY 195, BEING THE TRUE POINT OF BEGINNING; THENCE NORTHEASTERLY ALONG SAID CENTER LINE TO THAT CERTAIN RIGHT OF WAY GRANTED TO THE STATE OF CALIFORNIA BY DEED RECORDED SEPTEMBER 5, 1936 IN BOOK 293 PAGE 268 OF OFFICIAL RECORDS; THENCE SOUTHEASTERLY ALONG SAID RIGHT OF WAY TO THE EAST LINE OF SAID SECTION; THENCE SOUTHERLY ALONG SAID EAST LINE TO THE EAST QUARTER CORNER OF SAID SECTION; THENCE WEST ALONG THE SOUTH LINE OF SAID NORTH HALF TO THE WEST QUARTER CORNER OF SAID SECTION; THENCE NORTH ALONG SAID WEST LINE TO THE TRUE POINT OF BEGINNING. THE WESTERLY LINE OF SAID EASTERLY 60 ACRES IS PARALLEL WITH THE EASTERLY LINE OF SECTION 13.

Assessor Parcel No.: 715-300-005-7 (CDP-4 Sub-Area 11)

The South One-Half of the Southwest One-Quarter of Section 16, Township 5 South, Range 17 East, San Bernardino Base and Meridian, in the County of San Bernardino, State of California, records of said County.

EXCEPT THEREFROM the oil, gas, minerals, and other hydrocarbon substances lying below the surface of said land, as provided in deeds of record.

ASSESSOR'S PARCEL NUMBER: 810-100-003-3 (CDP-5 Sub-Area 1)

THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER OF SECTION 16, TOWNSHIP 5 SOUTH, RANGE 17 EAST, SAN BERNARDINO BASE AND MERIDIAN IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

EXCEPT THEREFROM THE OIL, GAS, MINERALS, AND OTHER HYDROCARBON SUBSTANCES LYING BELOW THE SURFACE OF SAID LAND, AS PROVIDED IN DEEDS OF RECORD.

Assessor's Parcel Number: 810-100-001-1 (CDP-5 Sub-Area 2)

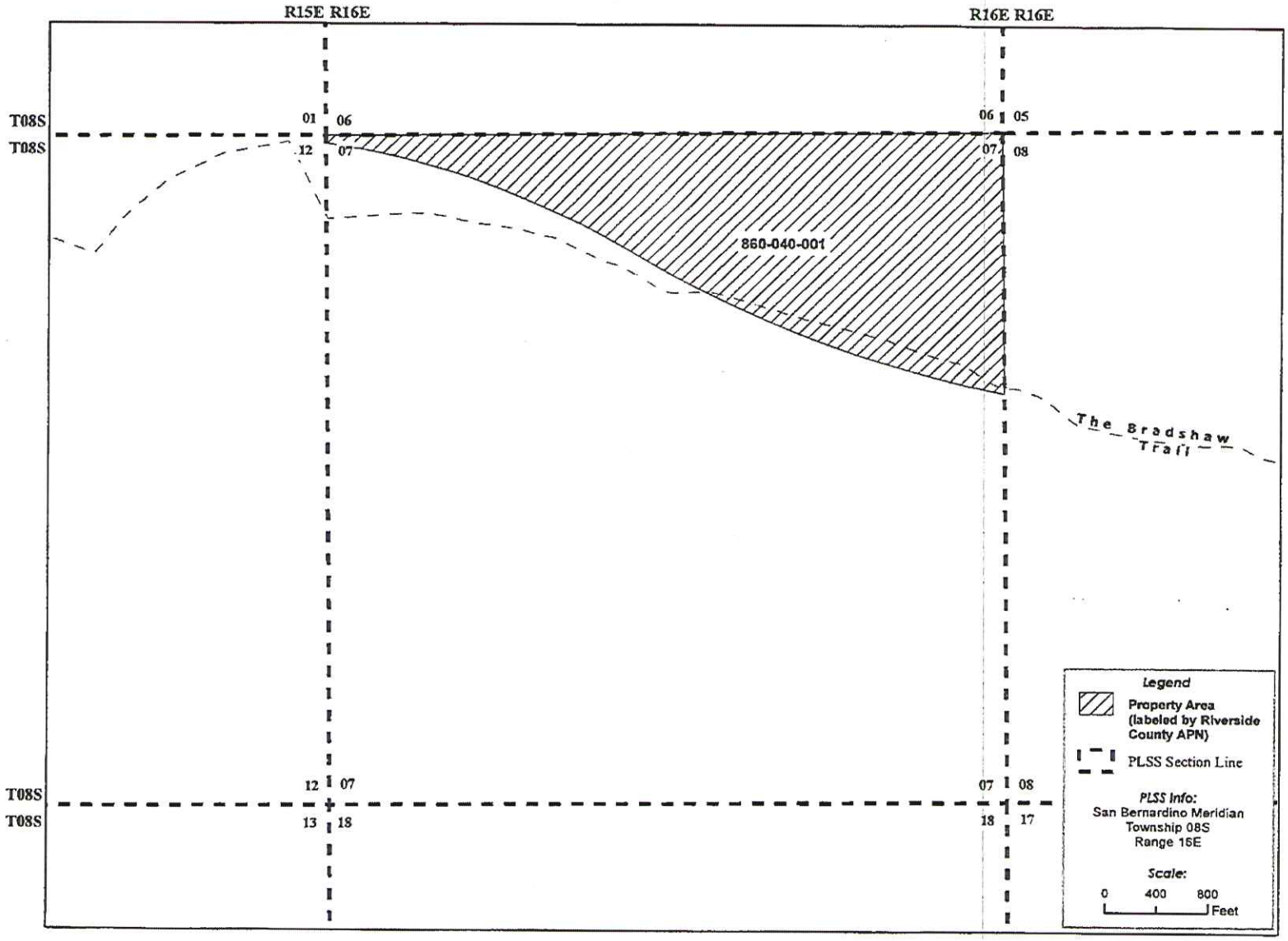

Exhibit A -
Riverside County APN 860-040-001

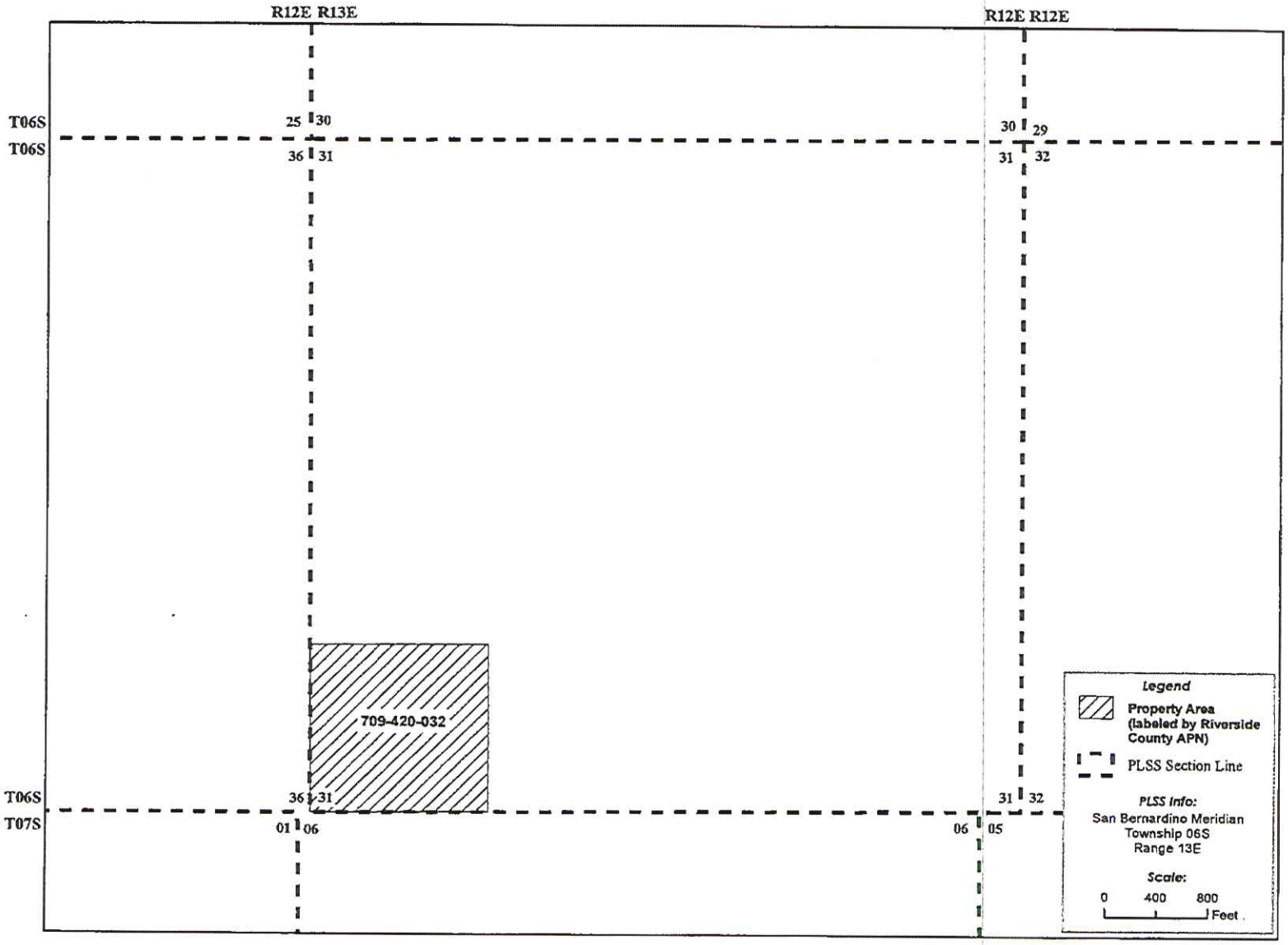

Exhibit A -
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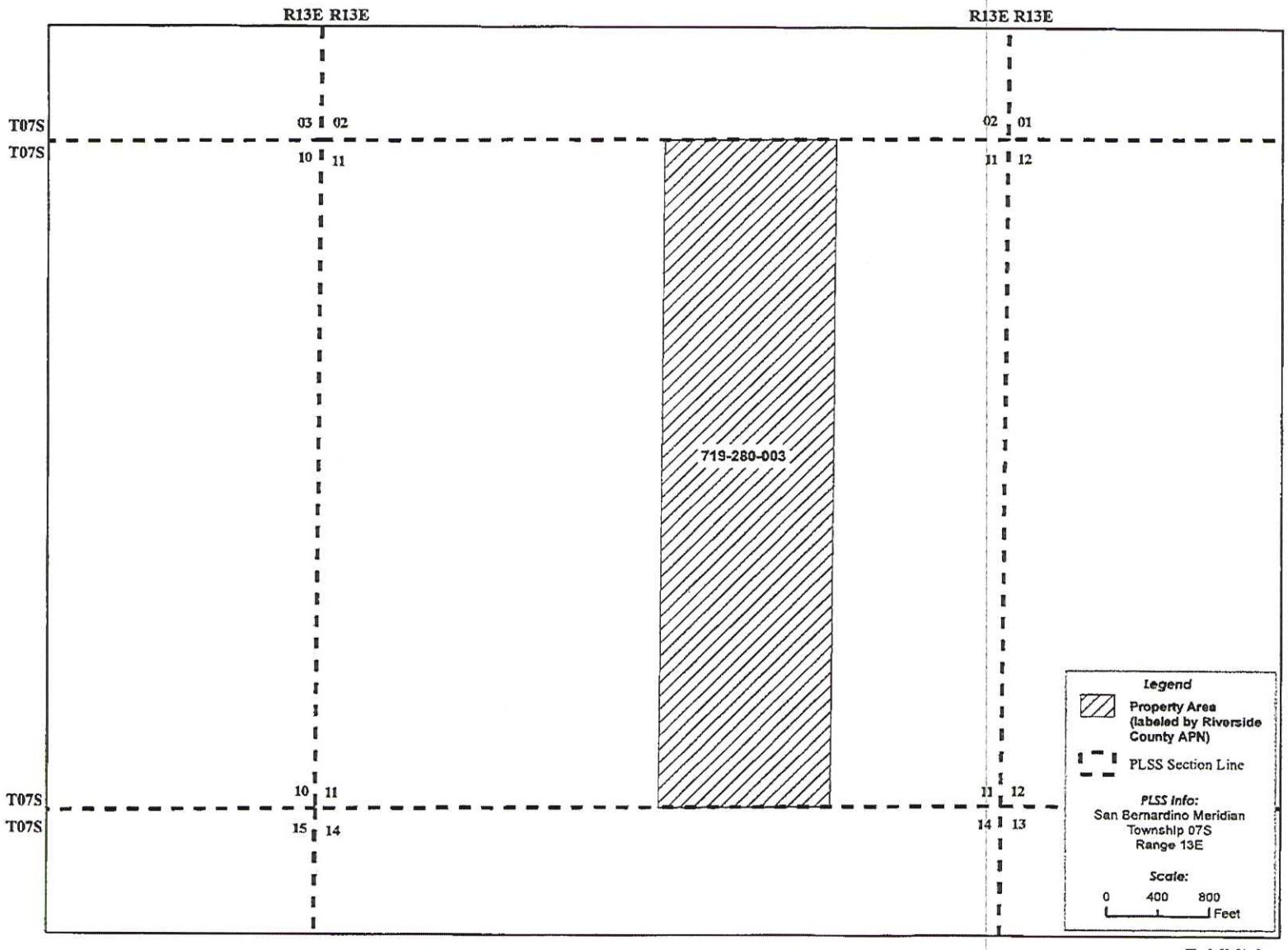

Exhibit A -
Riverside County APN 719-280-003

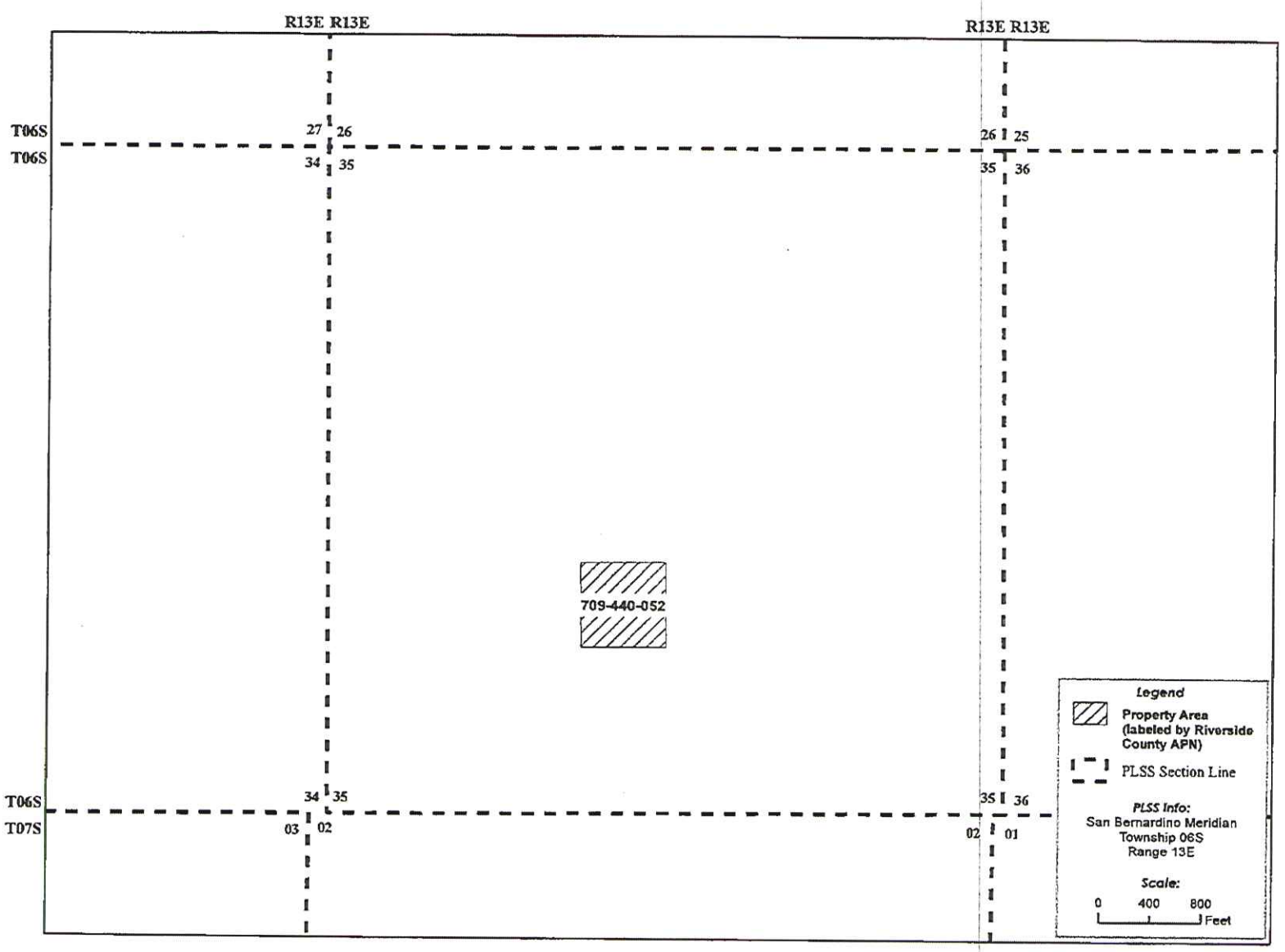

Exhibit A -
Riverside County APN 709-440-052

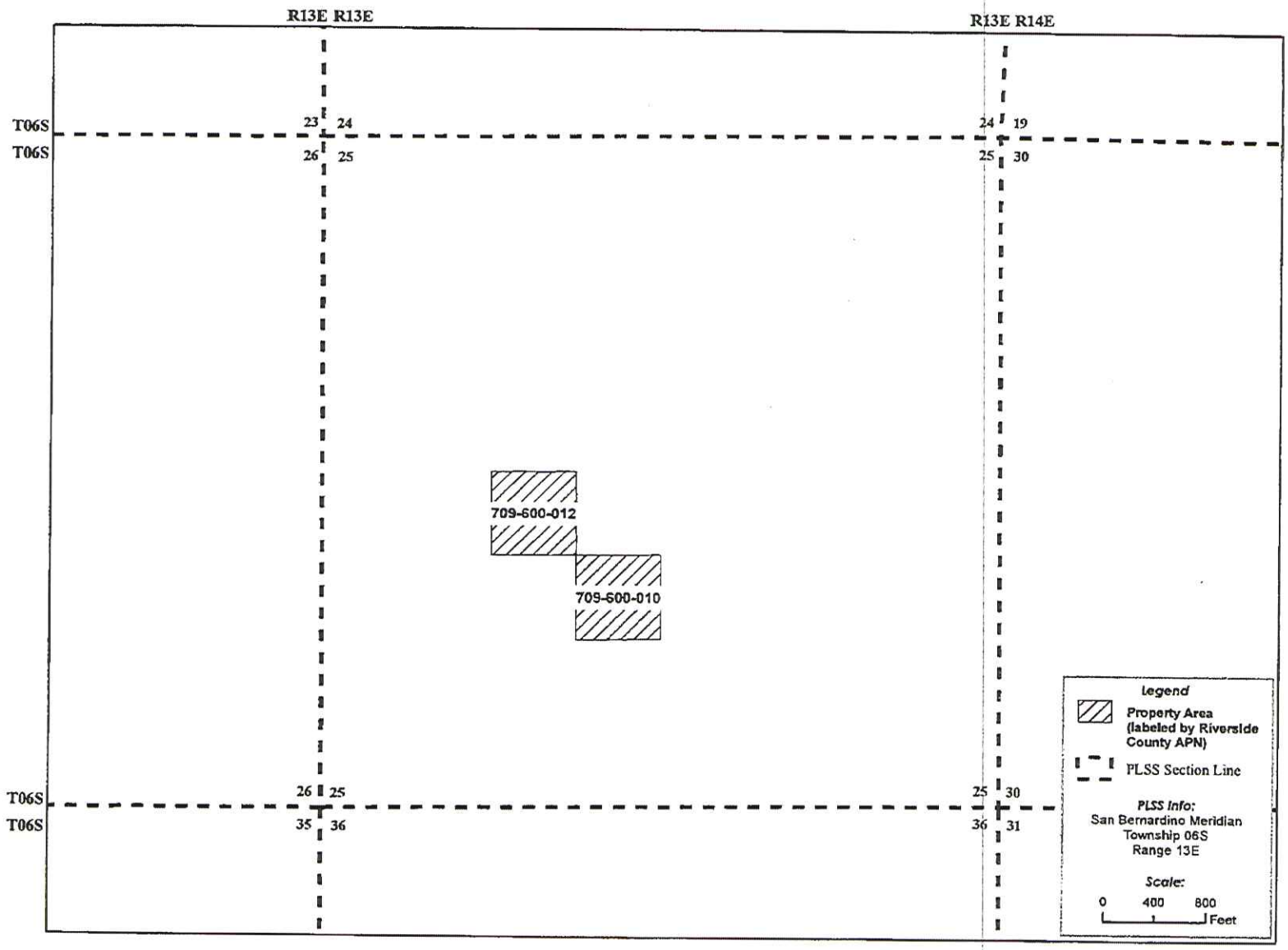

Exhibit A -

Riverside County APNs 709-600-010 and -012

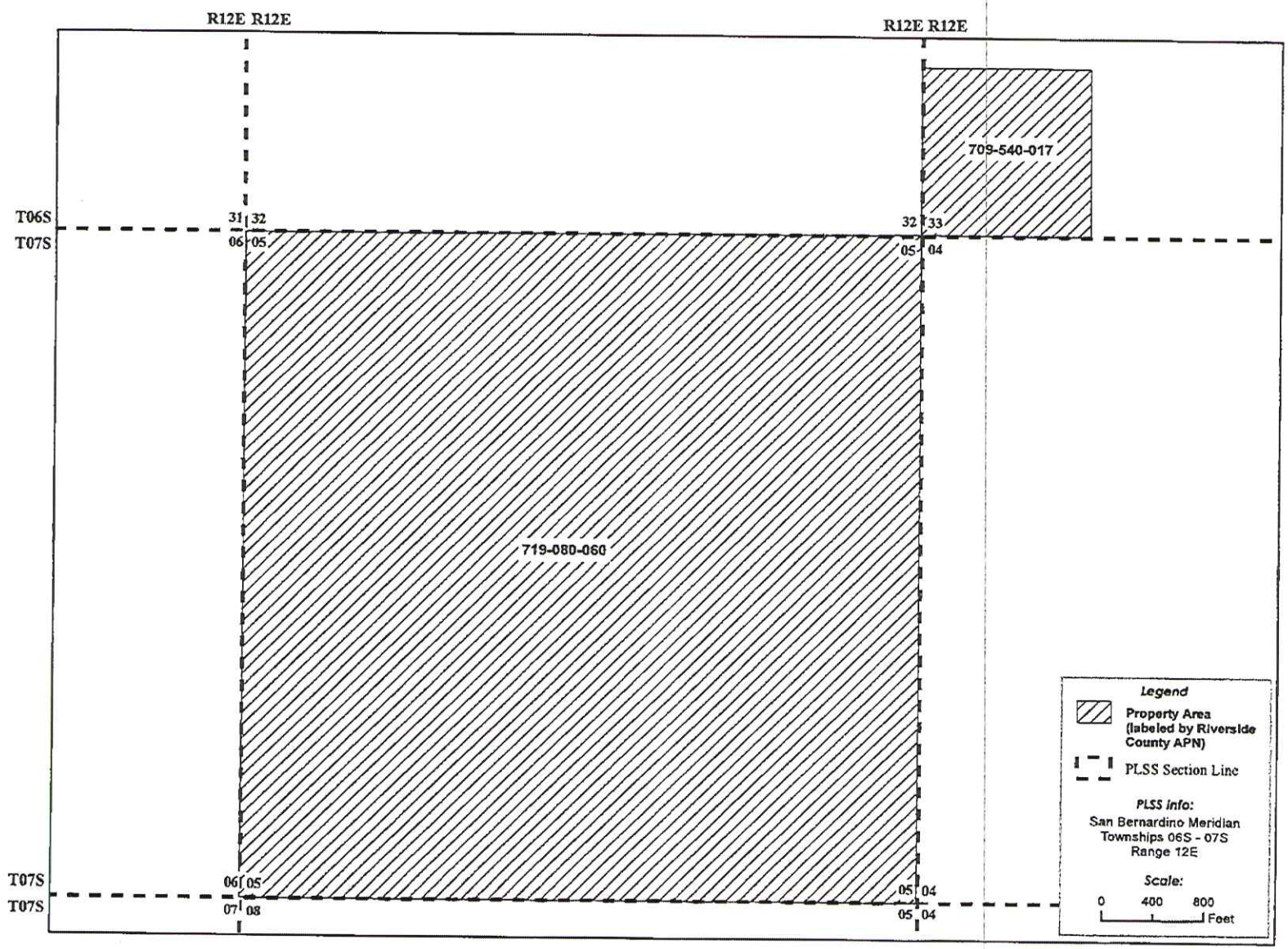

Exhibit A -

Riverside County APNs 709-540-017 and 719-080-060

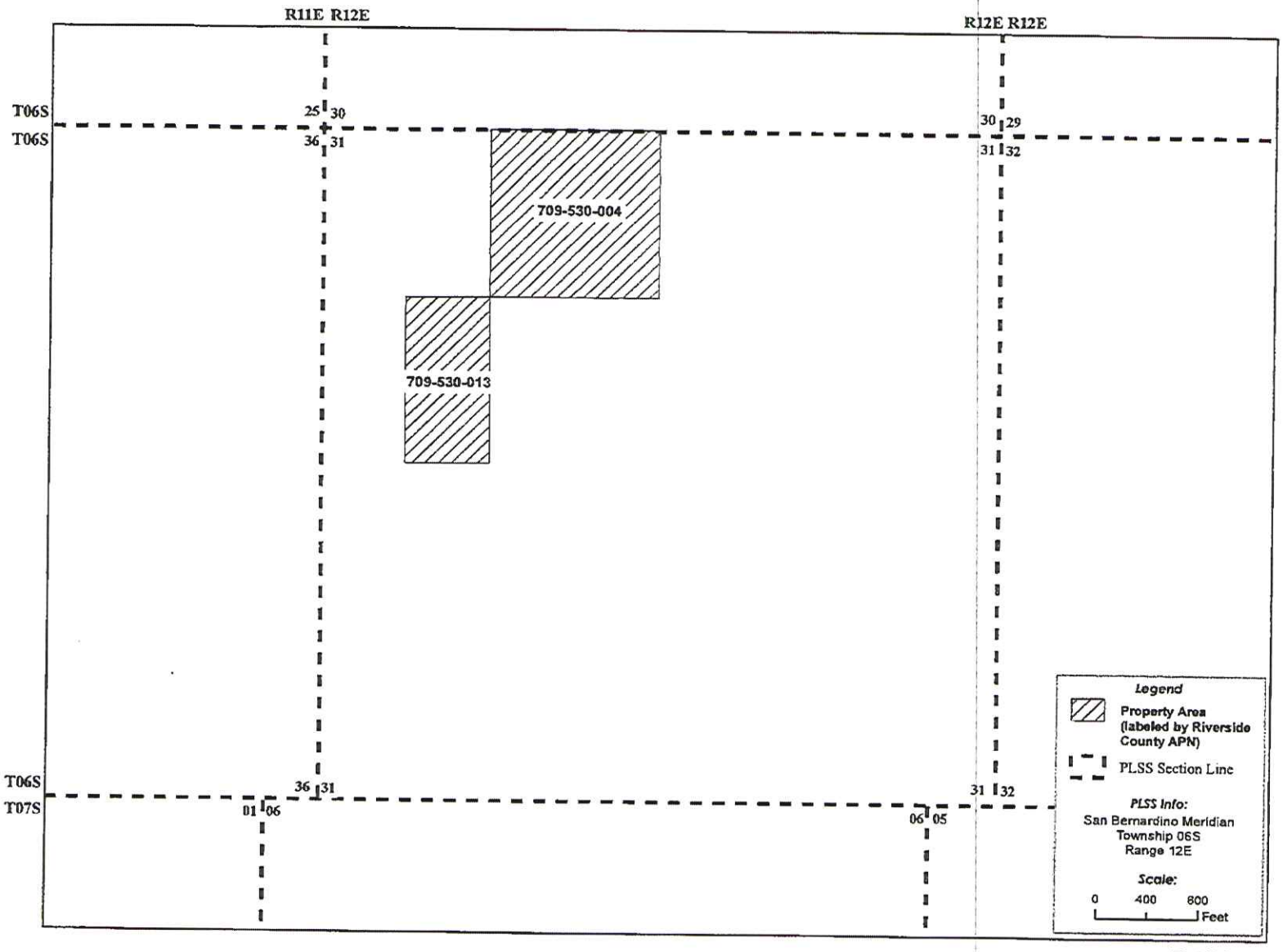

Exhibit A -
Riverside County APNs 709-530-004 and -013

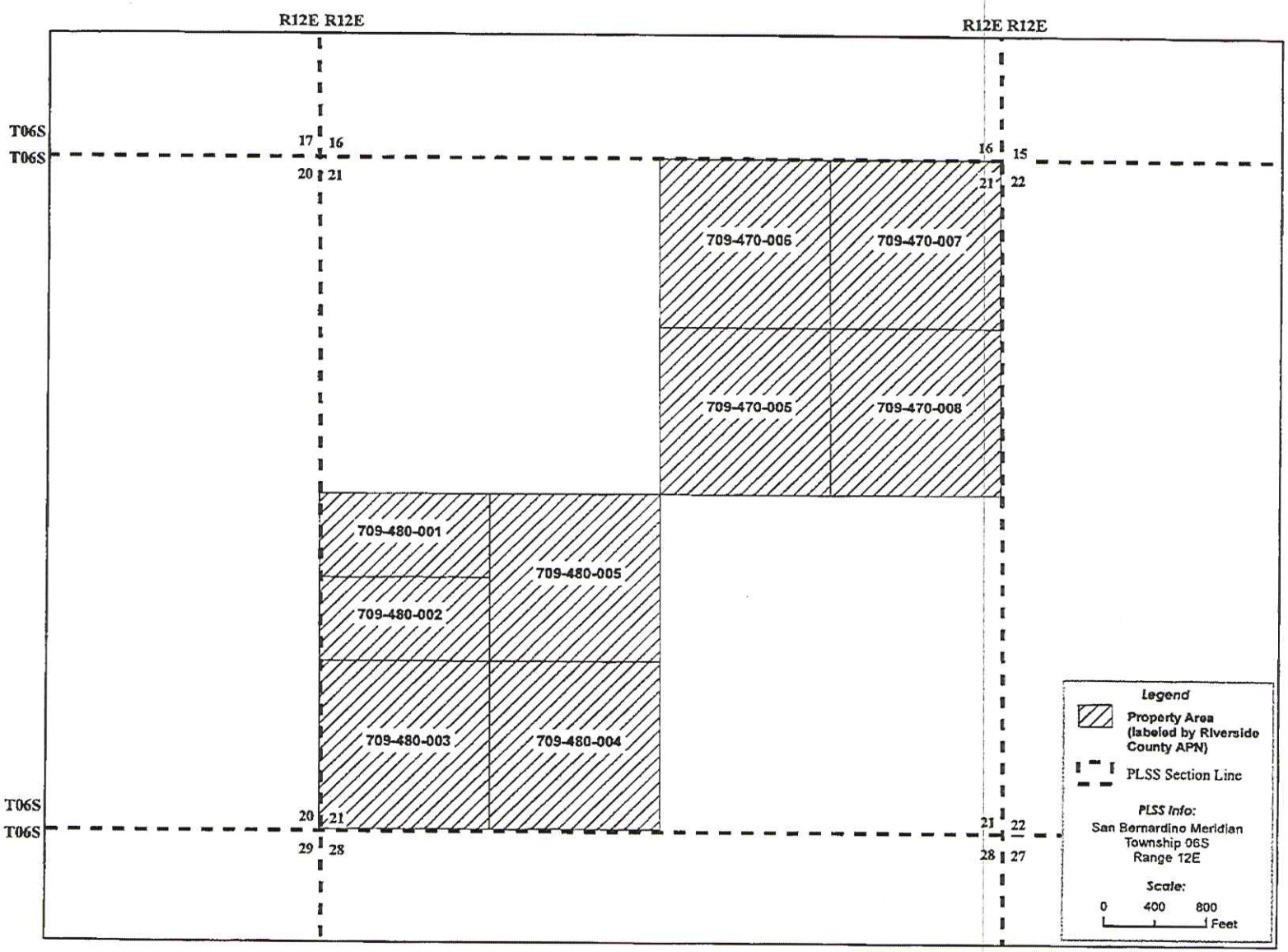

Exhibit A -

Riverside County APNs 709-470-005 through -008 and 709-480-001 through -005

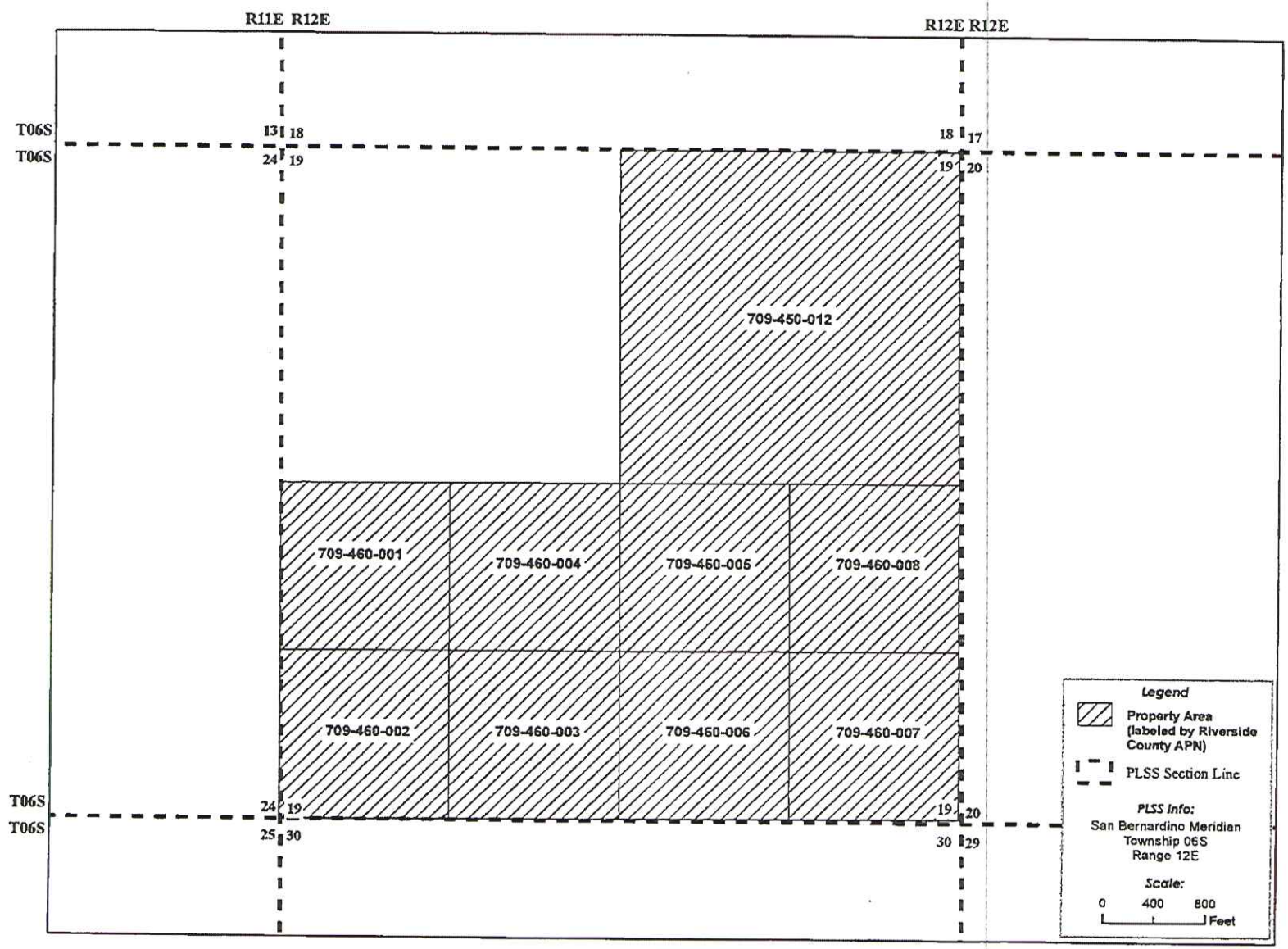

Exhibit A -

Riverside County APNs 709-450-012 and 709-460-001 through -008

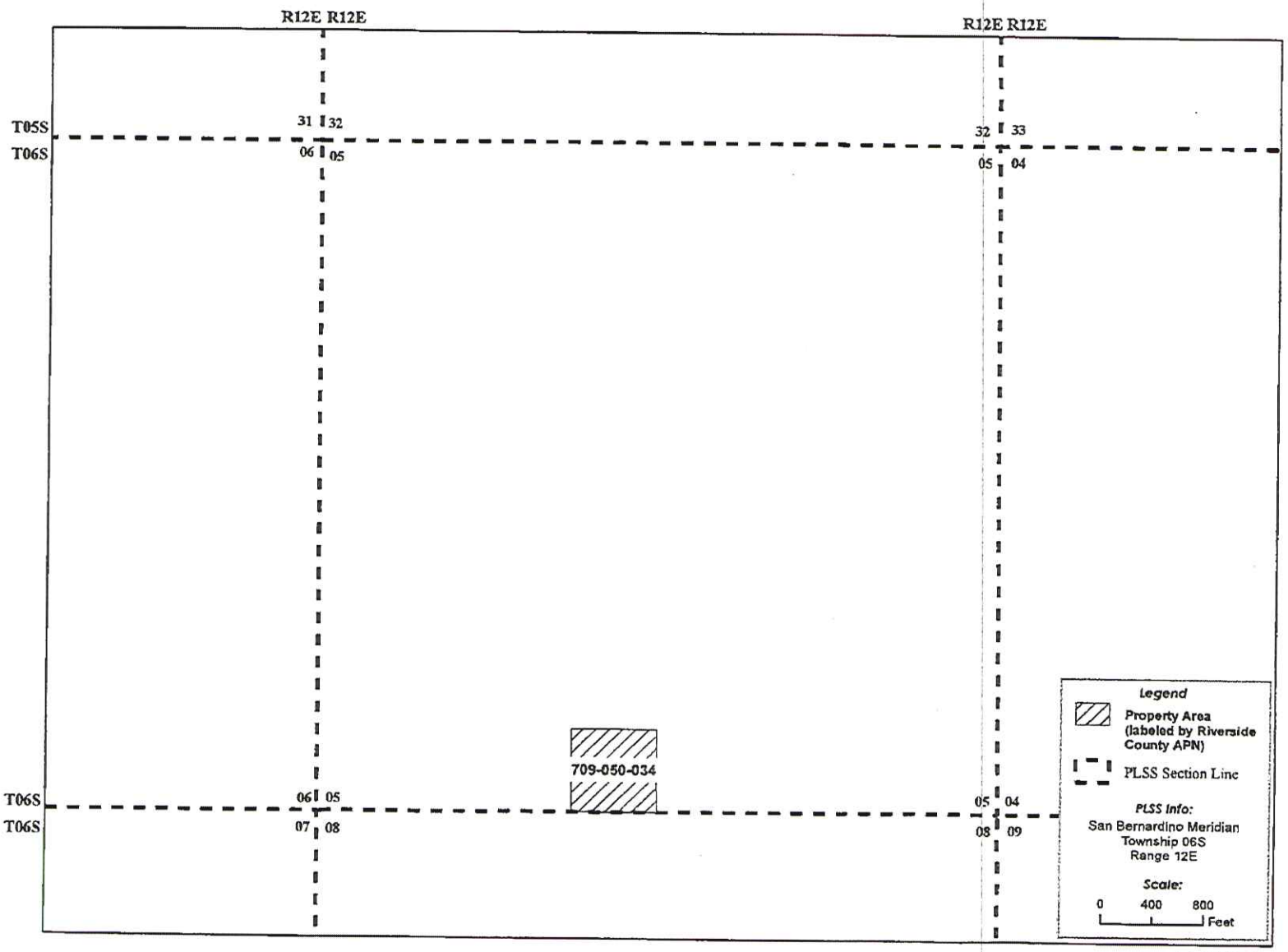

Exhibit A -
Riverside County APN 709-050-034

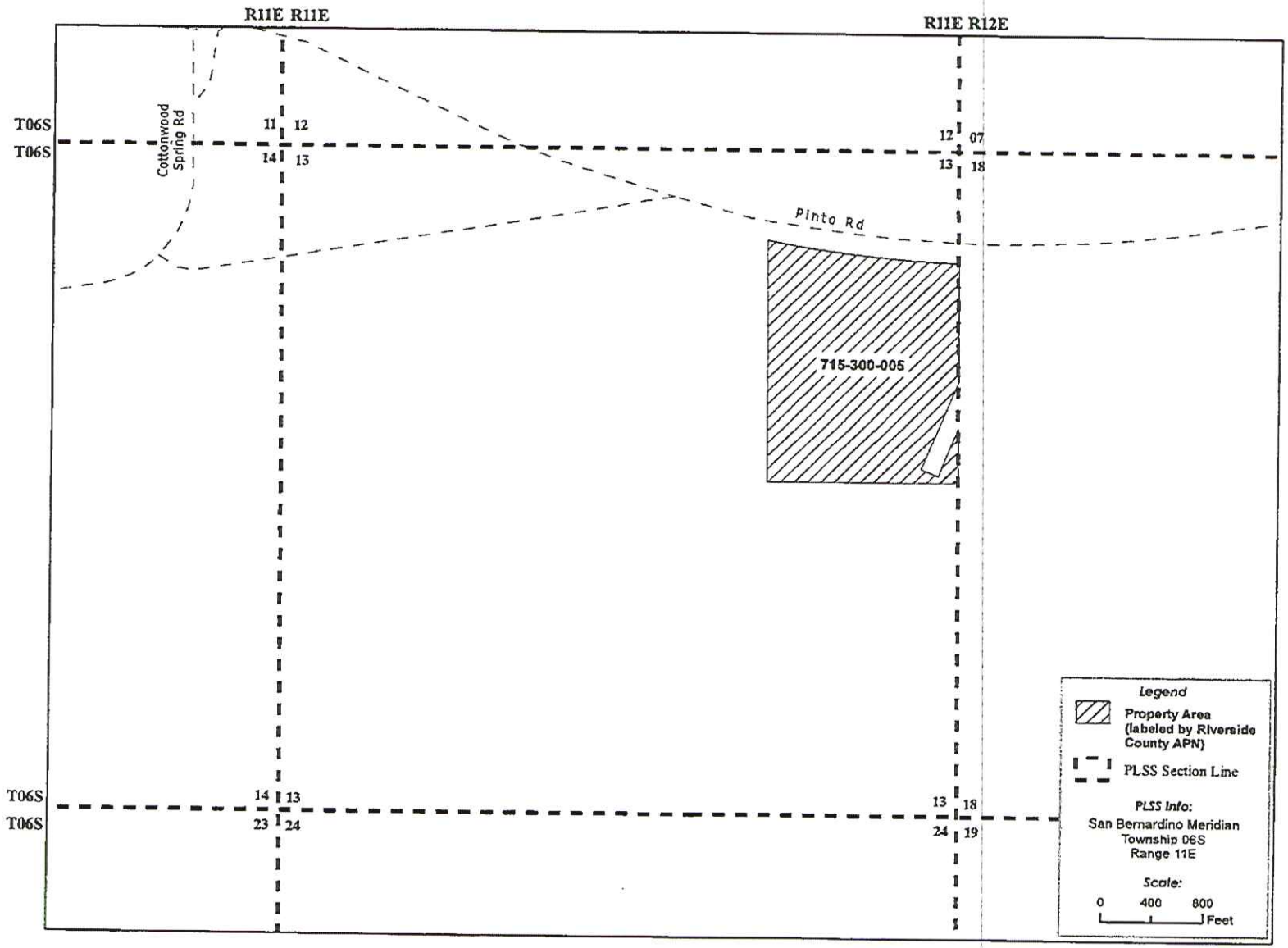

Exhibit A -
Riverside County APN 715-300-015

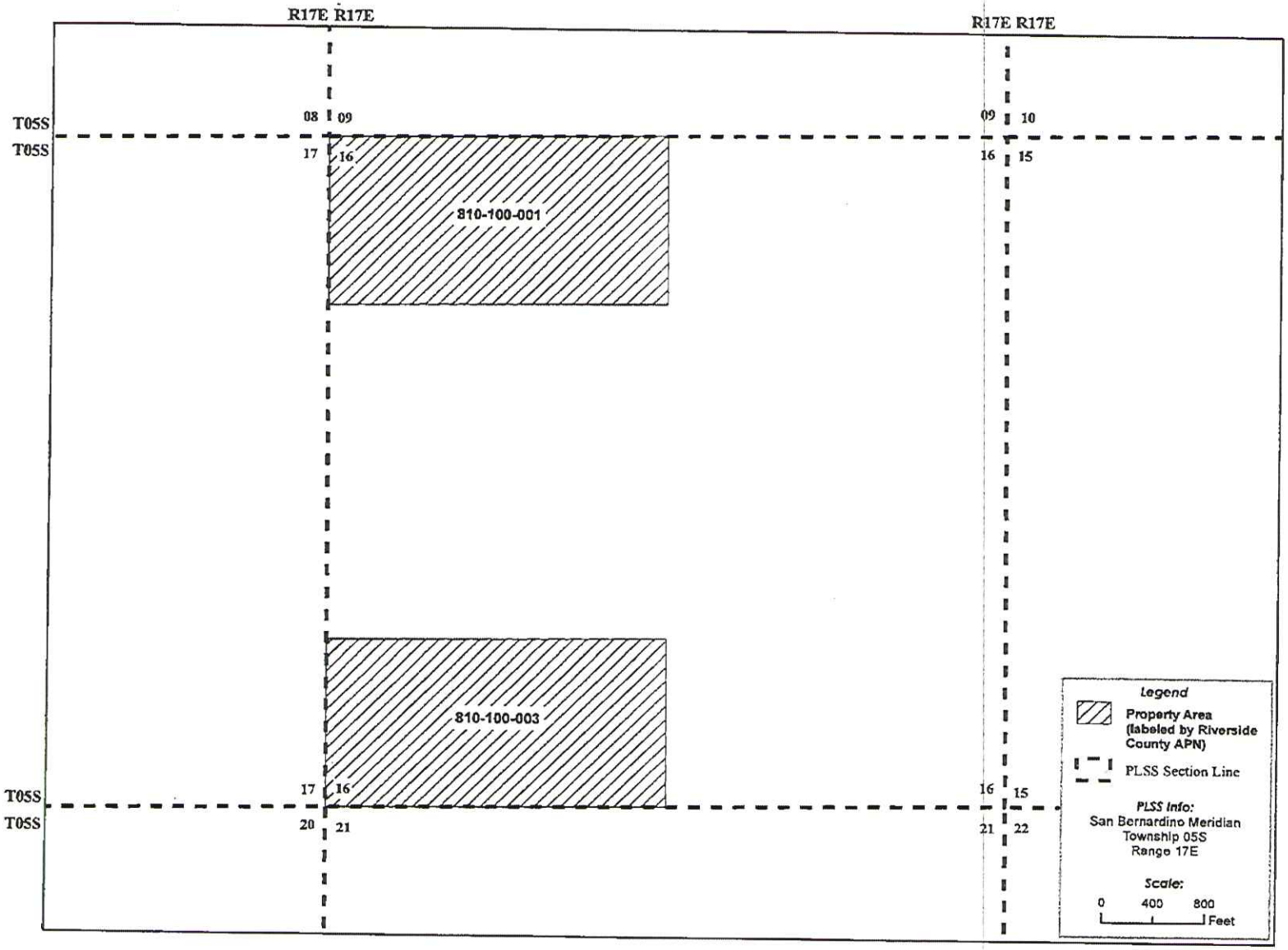

Exhibit A -
Riverside County APNs 810-100-001 and -003

Record of Communication
Genesis Solar Energy Project

Date: December 29, 2011

Participants:
U.S. Department of Energy, Loan Programs Office
Todd Stribley, Environmental
Nancy Donovan, Counsel
Chris Otness, Technical
Scott Harrison (Clifford Chance, outside counsel to DOE)

NextEra representatives:
Cody Bryant
Charlyn Mosley
Ron Johnson
Brandon Denne

Subject: Genesis Project – Environmental Monitoring

Summary of Discussion:

Provided introductions of DOE and NextEra representative staff. Charlyn Mosley is the Project Environmental Compliance Manager. Charlyn Mosley is the environmental point of contact for the Genesis Project.

Reviewed environmental compliance monitoring. NextEra provides monthly compliance reports to CEC and BLM. For Federal requirements, e.g. Endangered Species Act or National Historic Preservation Act, BLM then transmits required reports to the appropriate regulatory agency. NextEra identified that reporting requirements listed on the BLM Genesis Compliance Matrix that are not specifically included in the monthly compliance report are (and will be) included in Appendix F, Miscellaneous Documents.

Regarding DOE's Environmental Compliance Report; the weekly monitoring report and the monthly compliance report prepared during construction, and annual compliance report prepared during operation provide the information required for DOE's environmental compliance report.

Regarding DOE's Environmental Notice Report; DOE clarified that it is interested in being notified about a Noncompliance or a Serious Violation as defined in Section 4.1.4 and 4.1.5 of the Environmental and Construction Compliance Monitoring Program. The weekly monitoring report and monthly compliance report prepared during construction, and annual compliance report prepared during operation provide the information required for DOE's Environmental Notice Report. NextEra reported that to date (12/29/11), they have not received any Noncompliance or Serious Violation notices.

Regarding DOE's Environmental Project Change Report; DOE clarified that it is interested in being notified about a Level 2 Variance or a Level 3 Variance as defined in Section 5.2 and 5.3 of the Environmental Construction Compliance Monitoring Program. The weekly monitoring report and monthly compliance report prepared during construction, and annual compliance report prepared

during operation provide the information required for DOE's Environmental Project Change Report. NextEra reported that to date (12/29/11), they have not had any Level 3 Variances. According to the weekly monitoring reports, two Level 2 Variances were submitted and approved by BLM in February 2011.

NextEra will provide submit an electronic copy of the Monthly Compliance Report and an excel file of the Genesis Compliance Matrix. NextEra will submit the information on a CD. DOE is working to set up access to a Genesis Project Site on its e-portal system to facilitate file transfers in the future. DOE will coordinate with NextEra to register individuals and grant site access.

Annual environmental compliance reports will be prepared after construction is completed and operations have started. Final schedule for the annual environmental compliance reports has not be determined.