



Genesis Solar Energy Project
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February 17, 2012

Ms. Holly Roberts
Bureau of Land Management
Associate Field Manager
1201 Bird Center Drive
Palm Springs CA 92262-8001

**RE: Genesis Solar Energy Project (09-AFC-8)
January Compliance Report**

Dear Ms. Roberts:

Pursuant to the Conditions of Certification, Compliance-6, the enclosed is the compliance report for the month of January. Also enclosed is an electronic copy per your request.

Should you have any questions, please feel free to call me.

A handwritten signature in cursive script that reads "Charlyn Mosley". The signature is written in black ink and is positioned above a horizontal line.

Charlyn Mosley
Compliance Manager
Genesis Solar Energy Project

760-831-2651

cc: CEC (E. Veerkamp)
File copy

January
Monthly Compliance Report
(COC COMPLIANCE-6)

Genesis Solar Energy Project
Eastern Riverside County, California

Genesis Solar, LLC

January

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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 January, 2012.

During the month of January, 2012, 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 7 and 8.
- Began construction on temporary electrical feed to trailer city.
- Unit 2, Cut on block 1 and channel C.
- Compaction testing of Unit 1, Blocks 6 through 8
- Compaction testing of Unit 2, Block 4
- Caisson and casted concrete cylinder testing Unit 1, block 5
- No kit fox dens left on site.
- Monitoring of kit fox dens outside plant perimeter with radio control mechanism.
- 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.
- Continue 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.

No new applications were submitted in January 2012.

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 January with several operations occurring simultaneously. These operations and their progress between January 1 and 31 are listed below.

Operation	Activity Locations from January 1-31, 2012
Continue grading of Blocks 7 and 8	Genesis Site Task on-going
Cutting in Channel C and Unit 2, block 1 and 2	60% complete.
Completed electrical cable installation for Trailer Row	Genesis Site Task completed
Assembly building has been completed	100% complete
PSI on site to perform compaction test	Genesis Site Task ongoing
Completed electrical installation on temporary electrical feed to trailer city.	Genesis Site Task completed
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 complete
Unit 2 grading/cut and fill on blocks 1 – 4 is on hold.	Resumed in January. Work is being performed and is approximately 30% complete
Grading Unit 1, blocks 5 – 8	100% complete
Kit Fox dens collapsed and filled	Genesis Site Task 100% complete

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
1/11/2012	Work Stoppage	High Winds	3 hours
1/12/2012	Work Stoppage	High winds	3 hours
1/13/2012	No Work	Due to wind gust	8 hours
1/24/2012	Work Stoppage	Due to wind gust	6 hours
1/25/2012	No Work	Due to wind gust	8 hours
1/27/2012	Work Stoppage	Due to wind gust	7 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, 1/1/2012 – 1/7/2012

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. DB back filled den #20 this week, den #21 now has a remote camera. Installation of the electric fencing around the perimeter of the site 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, 1/8/2012 – 1/14/2012

DB and 3 BM's have completed all wildlife transects of PB2 ahead of the grading and dinking activities. All of the power poles staked in the solar field were wildlife clearance by the DB and/or BM.

BLM Ranger visited site to perform general inspection of site. Ranger stated there were concerns regarding fugitive dust. DB noticed that watering activities were elevated over the weekend to ensure sufficient amounts of water soaked the proposed cut area.

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. Daily monitoring of kit fox dens with collection of remote cam memory cards and photo documentation continues. Den #21 was dug down by hand and as required after 14 days with no remote camera pictures captured or observed. CDFG trapping team arrived on site led by Dr. Deana Clifford, DVM.

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

100% weekly exclusion fence perimeter was performed.

Weekly Biological Summary, 1/15/2012 – 1/21/2012

DB and BM commence follow-up clearance surveys in PB1 for all areas that have not been graded. Installation of the electrical fencing around the perimeter of the site is now complete.

Fugitive fluid leaks and ponding water were mitigated this week resulting in no complaints. DB and BM continue to monitor heavy equipment for fugitive leaks and ponding water.

Daily checks of off-site kit fox dens continue, as a voluntary courtesy to the BLM and the CDFG. Collection of remote camera memory cards and photo documentation continues. The site does not have any dens on site. The CDFG trapping team completed their trapping and radio collar trapping device installation on 3 kit fox.

The tortoise perimeter exclusion fence was 100% checked.

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

Weekly Biological Summary, 1/22/2012 – 1/28/2012

The DB/BMs continue to monitor heavy equipment for fugitive fluid leaks and for ponding water at fill stations and from pre-watering sprinkler crews. BV was on-site during the week observing grading operations as well as general site compliance monitoring.

The Migratory Bird Treaty Act also requires safe guarding in general all migratory birds. The 3 electric fence strands and insulators have all been placed around the solar field and the fence should be activated next week. The DB and BM's continued this week trimming back branches and grass touching electric fence strands to prevent grounding out current as well as correcting barbless strands that have uneven large gaps.

Daily monitoring of kit fox dens off-site with collection of remote cam memory cards and photo documentation continues. There will be periodic checks of radio collared foxes with mortality switches built in the transmitters for the near future. More details are contained in the Wkly Kit Fox Status Rpt.

A 100% tortoise exclusion perimeter fence check was conducted this week as always on Monday. Raven sightings continue in the solar fields following discing primarily and often in the Common Area. With the reduction in ponding water, other than foraging following the discer, there has been a marked drop in raven presence. The monthly Raven Observation Count was conducted on Thursday. The tortoise trap at the solar field entrance had to be monitored closely several days this week due to wind and blowing sand. It did not receive the repairs to the cross members scheduled this week to preserve its structural integrity. It has been rescheduled for next week. A road killed jack rabbit and two k rats were discovered on the access road in the linear corridor this week and buried per the Raven Mgt Plan.

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 weekly 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 January.

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 in January.

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 January 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 0 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 botanist, 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 site access roads 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 January, 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.

A letter of Memorandum was issued by the BLM this month. See Appendix G.

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 January, 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 January 18, 2012.

A site audit was conducted by the Genesis Safety Supervisor along with the Sukut 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 January.

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 thus far. 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	1/17/2010 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	10/17/2010 - Initial			10/2011 - 1st annual	
AQ-SC8	Submit copies of District issued Authority to Construct & Permit to Operate Documents	Tetra Tech	< 3d 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	Equip 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	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	Ongoing					
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.	Fluor	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						

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
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 Dos 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 unfenced 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	1/12/10, 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							

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
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 Doc Bio	Tetra Tech	until fledged						
BIO-18	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: If selected, submit draft and final 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	12/3/2010 resubmitted 1/11/11			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	

COC	Description	Responsibility	COC Verification	Date Final Due	Date Submitted to Agency	Due date	Item submittal date in 2012	Agency Status	Internal Comments
BIO-19-A	Designated Botanist: monitor disturbance activities weekly.	Tetra Tech	Weekly	17-Jan-11					
BIO-19-A	Incorporate site design modifications to minimize impacts to special-status plants along the Project linear.	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: CNDOB 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	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 NEWE'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 all 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	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	02/23/2011 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 (DTCCCL)	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			Approved 3/30/11	
CUL-5	Submit the CRMMP.	Tetra Tech	> 30d pt gd	1-Mar-11	3/17/2011			Approved 5/1/2011	
CUL-8	Submit statement daily during gd if "no cultural resources over 50	Tetra Tech	daily	17-Jan-11	4/4/11			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			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	Draft 3/22/11				
Soil & Water-4	Submit a copy of County concurrence that the proposed well	Fluor	> 30d pt construction of Gvw 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 Gvw 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				
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				
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	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	

Genesis Dally Well Readings - Well Pads in acre feet x .001					
New meters 10/21	Serial No#: 11-07803	Serial No#: 11-07804	Serial No#: 11-07805	Serial No#: 022037 Currently not In use	Sundays not worked so no meter readings
	All McCalls Propeller Meter McCrometer Flow Meters			Hendley Nitro Performance	
Date	Well 0		Well 2	Front Well Guage (in gal)	Comments
Sun. 01/01	32373 acre feet x .001	59391 acre feet x .001	15255 acre feet x .001	78762 00	
Mon. 01/02	32373	59391	15255	78762	
Tues. 01/03	32566	59536	22586	78762	
Wed. 01/04	33254	60286	25858	78762	
Thur. 01/05	33795	60710	26513	78762	
Fri. 01/06	34622	61404	27663	78762	
Sat. 01/07	34622	61404	27663	78762	
Sun. 01/08	34622 acre feet x .001	61404 acre feet x .001	27663 acre feet x .001	78762 00	
Mon. 01/09	35463		38487	78762	
Tues. 01/10	35736	62519	39422	78762	
Wed. 01/11	36338	62691	42903	78762	
Thur. 01/12	37352	63148	46170	78762	
Fri. 01/13	38520	63689	49550	78762	
Sat. 01/14	38941	63841	51026	78762	
Sun. 01/15	38941 acre feet x .001	63841 acre feet x .001	51026 acre feet x .001	78762 00	
Mon. 01/16	39551	64138	54926	78762	
Tues. 01/17	40664	64290	57006	78762	
Wed. 01/18	41583	64771	60237	78762	
Thur. 01/19	42298	65023	60765	78762	
Fri. 01/20	42825	65373	62199	78762	
Sat. 01/21	42825	65373	62199	78762	
Sun. 01/22	42825 acre feet x .001	65373 acre feet x .001	62199 acre feet x .001	78762 00	
Mon. 01/23	43651	65542	63588	78762 00	
Tues. 01/24	44493	65764	65051	78762 00	
Wed. 01/25	45638		67586	78762 00	
Thur. 01/26	45866	66320	69910	78762 00	
Fri. 01/27	46572	66906	71142	78762 00	
Sat. 01/28	46572	66906	71142	78762 00	

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

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

Equipment Type	Brand/Model	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	YESK34	n/a	RS842JZ0616921	2007	115-86	3	Largo Concrete	RSC	12/5/11		
Telehandler	JLG	MR4F99	n/a	160040774	2010	110-82	3	Largo Concrete	RSC	12/5/11	1/6/12	
Telehandler	Skytrak	TK5838	n/a	160029782	2007	110-82	3	Largo Concrete	RSC	12/15/11		
Skiploader	JD 210LJ	866995	n/a	1T0210LJEA089404	2010	56-75	3	Largo Concrete	RSC	12/27/11		
Skiploader	JD 210LJ	813309	n/a	1T0210LJEA0890262	2010	56-75	3	Largo Concrete	RSC	12/5/11		
3 Yard Loader	Deer 544-K	VL6L84	n/a	1DW544KZTA0628S94	2010	114 KW	3	Largo Concrete	RSC	1/10/12		
Tractor Loader	Deere 210LJ	TH3U69	n/a	1T0210LJVB0890404			3	Largo Concrete	RSC	12/27/11		
Drill Rig		889D65	n/a	1454	1998	174		Anderson	n/a	12/5/11		
Drill Rig		NS6S47	n/a	2624	2006	200		Anderson	n/a	12/21/11		
ON ROAD VEHICLES - DO NOT REQUIRE OFF ROAD REGISTRATIONS												
5 Yd Dump Truck	Ford F750	n/a		3FRPF7FA8BV587129	2006	215		Largo Concrete	RSC	12/5/11		
5 Yd Dump Truck	Ford F750	n/a		518250	2006	215		Largo Concrete	RSC	12/5/11		
5 Yd Dump Truck	Ford F650	n/a		3FRNF65E36V387951	2006	215	3	Largo Concrete	RSC	12/27/11		
2000 gal water truck				FRXF75E66V384394	2006	215		Largo Concrete	RSC	12/5/11		
2000 gal water truck				FRXF7FAA1BV587134	2011	215		Largo Concrete	RSC	12/5/11		
Service Truck-SV127	Ford F550	n/a		1FDAF56P27EA37256	2000	3235		Anderson	n/a	12/5/11		
Service Truck - SV 081	Ford F550	n/a		1FDAF56F2YEA36939	2004	215		Anderson	n/a	12/21/11		
Service Truck - SV 111	Ford F550	n/a		1FDAF56P34EH22051	2007	235		Anderson	n/a	12/5/11		

Appendix B

Biological Reports

BIO-8: Impact Avoidance and Minimization Measures

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/03/12

Monitor: TBD, Rob Conohan BM
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 75pm Low Temp.: 39am

Start Time: 0600hr Stop Time: 1342hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0554hr. After ATV walk around DB moves to Sukut JHA morning meeting. BM stays to attend the Par Elec. JHA meeting. During Sukut mgt BM calls and alerts DB that an ARB pickup was speeding out the solar field gate and down the black top access road. Laborers were not available to assist DB in Den 20 backfill so DB moves to conduct Den Obs, switch out remote camera memory cards, and Well Pad visits. BM to monitor the Par power pole installation in the linear corridor.* DB stops and talks with the elec fence crew alerting installation was deviating from design and shows them how design is. DB places remote camera on new Den 21 discovered Friday COB. While on conference call DB is left voicemail of a fox roaming down the south fence line in Freeland center PB2. DB arrives and follows fox a ways and determines based on observation probably sick. While there DB notices where pre-watering over the weekend had apparently ponded running off-site and at one spot causing erosion to the tortoise exclusion fence as shown below. DB backfilled and tortoise fence was not compromised. DB conducts required weekly 100% perimeter exclusion fence check. DB receives call PM from Blattner CM of minor hydraulic fluid spill at the Assembly area and that spill containment was in place. On way out of Project DB stops and checks with BM monitoring the power pole installation then departs Guard Gate at 1342hr.

Well Pad 1 – 59536; Well Pad 2 – 22586; Well Pad 0 – 32566

Den 21 – 0650hr, no activity, install cam

Monitor Checklist

General	Ye s	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		blown down on south 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		ARB truck observed speeding on AR by BM
Biological Issues	Ye s	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, repaired one spot S PB2
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			8 seen flying in different places
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *At 0738hr BM calls DB reporting Par working in topsoil berms. DB advises to remind Par Env. Specialist and crews topsoil berms are to be avoided if at all possible.



01-03-12, Block 5 pre-water tortoise fence erosion



01-03-12, Block 5 pre-water off-site runoff area

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/04/12

Monitor: TBD, Rob Conohan BM
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 79pm Low Temp.: 44am

Start Time: 0600hr Stop Time: 1421hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive solar field gate at 0554hr. After ATV walk around DB moves to Sukut JHA morning meeting. BM stays to attend the Par Elec. JHA meeting and then moves to linear corridor to monitor power pole installation. DB checks Den 21 and area by south fence line PB2 where fox that appeared sick yesterday was observed. No sign of the fox other than tracks. DB conducts Well Pad visits and off-site den observations and switch out of remote camera memory cards. Drive by Largo and check HDPE pipes stored. Mp wildlife observed. Well Pad 2 midday check was completely dry. DB resumes foot clearance transects Block 6, 7, and 8 in northeast corner of PB2. Completed Block 6 transects and only a small section of Block 7 on far east end remains. Small portion of northeast corner of Block 8 left. DB wraps up for the day and stops by to check on Bio Monitor in linear corridor on the way out and departs for office clerical work at 1421hr.

Well Pad 1 – 60286; Well Pad 2 – 25858; Well Pad 0 – 33254

Den 21 – 0635hr, no activity

Monitor Checklist

General	Ye s	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	Ye s	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 on ground		by Par lay down area several flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: _____

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/05/12

Monitor: TBD, Rob Conohan BM
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 77pm Low Temp.: 39am

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 0554hr. After ATV walk around DB moves to Sukut JHA morning meeting. BM stays to attend the Par Elec. JHA meeting and then moves to linear corridor to monitor power pole installation. DB checks Den 21 and switches out remote camera memory card and Well Pad visits. Well Pad 0 fill station holding water. Can't say when skid loader due next for maintenance. DB conducts off-site Den Obs and switches out remote camera cards. DB backfills Den 20 Block 3 PB2 as shown below and removes buffer stakes. Well Pad 1 has leak near the pump discharge nipple causing water to stand. Only minor now but will alert Compliance Monitor as leak could increase. Check on cut channel C PB2. Stand down for Genesis Monitor ECM lunch. Move to check progress on elec fence crew now have insulators mounted through south fence line Block 8 PB1. DB checks on BM in linear corridor monitoring power pole placement in linear corridor on way out and departs Guard Gate to procure Project materials and office clerical work at 1402hr.

Well Pad 1 – 60710; Well Pad 2 – 26513; Well Pad 0 – 33795 sweep 1 - Den 21 – 0640hr, no activity

Monitor Checklist

General	Ye s	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	Ye s	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			several flying in different places
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: _____



12-28-11, Den 20 dug down



01-05-12, Den 20 backfilled



01-04-12 Well Pad 2 am

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/06/12

Monitor: TBD, Rob Conohan BM
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 75pm Low Temp.: 34am

Start Time: 0600hr Stop Time: 1418hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive solar field gate and discuss with BM plans for the day. BM stays and attends Par JHA morning meeting then bumps out with them to linear corridor to monitor power pole installation. DB attends Sukut JHA meeting then moves to check Dens 21, AR1, and AR2. DB makes Well Pad visits and checks leak observed yesterday at Well Pad 1. Leak was repaired and rip rap added as shown below. DB checks on the HDPE stored at Largo. No wildlife observed. Conduct off-site Den Obs and switch out remote memory cards. Continue foot clearance transects PB2. Only northern contour areas 4 & 5 and extreme northeast section of Block 8 remain to be cleared for all of PB2. Drop transects to shuttle Bio buggies to Trailer City. BM monitoring Pole 150 installation right at solar field gate so after clearing site assists DB moving buggies. DB departs for ATV fuel and office clerical work at 1418hr.

Well Pad 1 – 61404; Well Pad 2 – 27663; Well Pad 0 – 34622 Den 21 – 0756hr, no activity, fresh tracks

Monitor Checklist

General	Ye s	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	Ye s	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 PB2 during transects
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: _____



01-06-12, Well Pad 1 leak from 01-05-12 Daily fixed and rip rap added for preventative maintenance

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/09/12

Monitor: TBD, T Mengistu, D Charlton BMs
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 72pm Low Temp.: 41am

Start Time: 0600hr Stop Time: 1500hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive Sukut JHA morning meeting at 0602hr. After meeting BM2 begins final foot clearance transects northeast corner PB2. After ATV walk around, DB takes BM1 with to visit Well Pads and check Den 21, AR1, and AR2. DB and BM1 then conduct off-site Den Obs and switch out remote camera memory cards. BM1 then dispatched to monitor ditching operation in linear corridor. DB takes BV Inspector for on-site Compliance Tour. Only issue was minor ponding in pre-watering area of Block 1 of PB2. Site Compliance Officer and ECM were aware as discussed in End of Day meeting at 1400hr attended by the BV Inspector. No major issues. DB was notified that Par Electric will be working both days coming weekend in linear corridor but assured there would be no ground disturbing activities involved. DB departs with BM2 conducting follow-up foot trausescts in ungraded area west of Block 1 and 2 of PB1. DB checks on BM1 in linear corridor monitoring ditching operations by Par and then departs front Guard Gate at 1500hr for office clerical work.

Well Pad 1 – relocating today; Well Pad 2 – 38487; Well Pad 0 – 35463 Den 21 – hr, no activity, 2 burrows sanded in

Monitor Checklist

General	Ye s	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	Ye s	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			2 flying around Common 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 1/10/12

Monitor: TBD, T Mengistu, D Charlton BMs
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 68pm Low Temp.: 39am

Start Time: 0600hr Stop Time: 1412hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive Sukut JHA morning meeting at 0600hr. After meeting go to buggy and after ATV walk around conduct Den Obs for Den 21, AR1, AR2. BM2 attends Par JHA meeting and goes to linear corridor to monitor Par work. BM1 goes to refresh buffer lathe and flagging on Den 21 compromised during high wind storm on Sunday.* DB moves to make Well Pad visits and conduct off-site Den Obs and switch out remote cam mem cards. At 0848hr Guard Gate calls DB alerting heavy equipment being delivered (scrapper 12-29) was with soil on tires and undercarriage. DB cites COC BIO 14, App. C Noxious Weed Mgt. that "equipment will be cleaned of dirt . . .that could contain weed seeds, roots, or rhizomes prior to" DB alerts ECM, Field Mgr, and CM the equipment will have to be taken off-site to be washed. DB dispatches BM2 monitoring nearby to verify equipment is not free of mud and dirt and confirms. DB reminds we are not allowed to clean on-site since we have no wash station and it has be brought back to town to be washed per COC BIO 14.** DB/BM1 resume foot clearance follow-up surveys west of Blocks 1, 2, 3 in ungraded area of PB1 as well as the Conservation Set Aside Area. At 1148hr Guard Gate calls DB alerting the equipment returned clean so was authorized entrance to the site. DB/BM1 continue in Conservation Set Aside Area. DB leaves BM1 finalizing surveys in Set Aside Area and BM2 monitoring Par in linear corridor for office clerical work.

Well Pad 1 – 62519; Well Pad 2 – 39422; Well Pad 0 – 35736

Den 21 – 0726hr, no activity, 2 burrows sanded in

Monitor Checklist

General	Ye s	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	Ye s	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			singles flying here and there
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *Tortoise trap at solar field gate cleaned of windblown sand yesterday not mentioned in Daily Report.
**DB reminded CM that BV BLM Monitor was clear last time we are not authorized to clean in the Rest Area or on the Cal Trans property nearby.



01-11-12, Sukut Dumpster west side with Tarp back on after high winds blew original off



01-11-12, Sukut Dumpster east side with Tarp back on but overflow litter



01-11-12, Well Pad 2 fill station overflow maintenance

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/12/12

Monitor: TBD, T Mengistu, D Charlton BMs
 Weather Conditions: mostly cldy, brisk winds a.m.
 High Temp.: 68pm Low Temp.: 53am

Start Time: 0600hr Stop Time: 1730hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive Sukut JHA morning meeting with BM1. * BM2 attends Par Electric JHA and follows to linear corridor to monitor power pole work. BM1 assigned to check on sprinkler crew and reported no issues with ponding water. DB conducts Well Pad visits and routine check on numerous Generators across the solar field as shown below. All have and have had secondary containment with no leaks over many weeks. DB conducts off-site Den Obs and switch out remote camera memory cards. BM1 drives south fence line where electric wires have been strung to remove any branches or flagging tape that might touch and ground fence when hot. DB moves Genesis ATV Refueling Station from solar field entrance to near ATV parking area of Trailer City and refuels buggy. BM1 sent to clean out tortoise trap at solar field gate of sand from high winds then bumps out to continue follow-up foot clearance surveys in ungraded area west of Blocks 1, 2, 3 of PB1. DB conducts Den Obs for Dens 21, AR1, AR2, and switch out remote camera card on Den 21. No pictures or sign. Den 21 scheduled for dig down tomorrow unless overnight signs of occupancy appear. DB joins BM1 to continue and complete follow-up surveys for west DCEP area north of Conservation Set Aside Area and western portions of Blocks 1, 2, and 3 not graded yet due to sensitive cultural site PB1. DB departs to give Safety Training to DKF trapping personnel with BM1 starting follow-up foot clearance surveys west portion of Block 4 not graded yet PB1 and BM2 monitoring work in linear corridor. DB will escort trapping crew when ready to start activity on GSEP all to be done outside fence. Well Pad 1 – 63148; Well Pad 2 – 46170; Well Pad 0 – 37352 Den 21 – , no activity, scheduled for dig down tomorrow

Monitor Checklist

General	Ye	s	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	Ye	s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X				monitoring Par Electric in linear corridor
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 PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X				

Additional Notes: _

*Blattner CMs turned away a paddle wheel at Front Guard Gate 0620hr. for wash of dirt as required per Nox Weed Mgt. DB was addressing the situation when Blattner CMs arrived. Delivery driver was not cooperating with directives as required by the Gate Guards.



1-12-12, Well Pad 0 Generator secondary containment



1-12-12, Two of the Trailer City Generators containment



1-12-12, Well Pad 1 Generator secondary containment

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/13/12

Monitor: TBD, T Mengistu, D Charlton BMs
 Weather Conditions: clr, north winds a.m.
 High Temp.: 65pm Low Temp.: 40am

Start Time: 0600hr Stop Time: 1930hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive Sukut JHA morning meeting with BM1. BM2 attends Par Electric JHA and follows Par for continued work in linear corridor pulling electrical lines. DB and BM1 move to dig up Den 21 at first with no help from Sukut who later loaned the DB 2 laborers. Dig down was successful with no animals flushed and photos below. Will backfill Tuesday after required time subsoil is exposed to UV light. DB then moves to conduct final off-site mortality checks before trapping begins overnight and switches out remote camera memory cards. DB directs BM1 to pull in 300ft buffer lathe at Den 21 to 40ft. DB conducts Well Pad visits and BM1 checks on sprinkler crew with no issues to report. BV Inspector alerts DB that the BLM is concerned about fugitive dust after the BLM Ranger morning visit Wednesday. BV Inspector leaves voicemail for Genesis Dust Monitor of BLM concerns. DB and BV Inspector escort CDF&G DKF trapping crew from Guard Gate and DB begins assist with off-site DKF trap setting beginning in the linear corridor. BV Inspector leaves approx. 1615hr. CDFG crew and DB complete setting all off-site traps and exit the Guard Gate at 1925hr.

Well Pad 1 – 63689; Well Pad 2 – 49550; Well Pad 0 – 38520 Den 21 – 1000hr, dug down

Monitor Checklist

General	Ye s	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	Ye s	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			s ngles observed flying here and there
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: _____



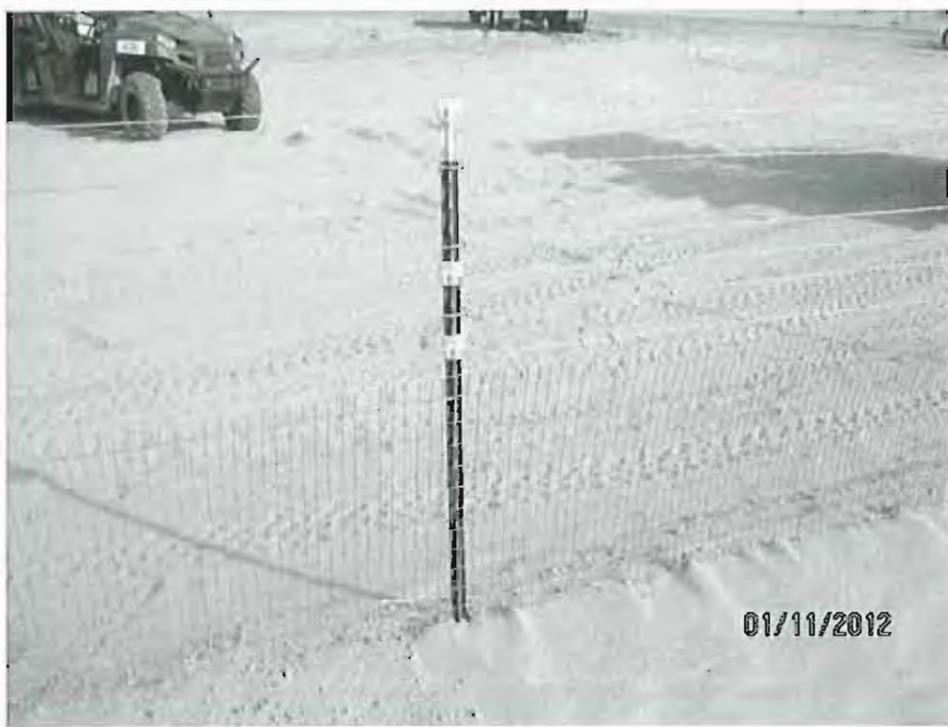
1-13-12, Den 21 before



1-13-12, Den 21 dug down



1-13-12, DB and laborers digging down Den 21



Electric fence wires looking in



Electric fence wires looking out

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/16/12

Monitor: TBD, D Charlton, Rob Conohan, BMs
 Weather Conditions: clr, north winds a.m.
 High Temp.: 66pm Low Temp.: 48am

Start Time: 0600hr Stop Time: 1630hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive front Guard Gate at 0600hr and move to Sukut JHA morning meeting. BM1 attends JHA with Par Electric and follows work in linear corridor. BM2 calls in sick at 0620hr. After morning safety meeting DB moves to conduct Well Pad visits, off-site Deu Obs, switch out remote camera mem cards, and check traps for CDF&G trapping crew. DB conducts 100% tortoise exclusion fence check. Fence is intact. Electric fence crew has wire strung from solar field gates west then north now going east to north of the Common Area. Tortoise trap at solar field gate has one cross member broken and a couple ready to go. To maintain structural integrity the cross members need repair. BM2 arrives at 1030hr and is directed to monitor grading. DB received call from site Compliance Monitor alerting of a hydraulic hose break with leak. DB alerts BM2 to monitor proper clean-up. DB observes skid loader at Well Pad 1 performing maintenance on overflow water at fill station. Grading halted at 1500hr due to high winds causing major blowing dust. BM2 released at 1500hr. BM1 stays with Par in linear corridor. DB assists CDF&G trapping crew set more traps. DB departs solar field at 1630hr for office clerical work.

Well Pad 1 – 64138; Well Pad 2 – 54926; Well Pad 0 – 39551 No known dens inside solar fields

Monitor Checklist

General	Ye s	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	Ye s	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			only 2 flying over Common Area a.m.
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: _

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/17/12

Monitor: TBD, D Charlton, Rob Conohan, BMS
 Weather Conditions: clr, lgt winds a.m.
 High Temp.: 64pm Low Temp.: 32am

Start Time: 0600hr Stop Time: 1545hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive front Guard Gate at 0557hr and move to Sukut JHA morning meeting with BM1 and BM2. BM2 reports to DB that a truck with a motorcycle passed him going the speed limit on the blacktop on the way in to work. DB calls Genesis Safety Man and alerts. After meeting DB directs BMS to backfill Den 21 as required after the required period for subsoil exposure to UV light to kill any potential CDV. BMS are to remove buffer as well. DB moves to conduct Well Pad visits, conduct off-site Den Obs, and switch out remote camera mem cards. DB observes all Well Pad fill stations dry or being maintained by the skid loader. Sprinkler crew had no ponding water observed. Midday Par Electric calls DB requesting a Bio Monitor for some work in the linear corridor. DB dispatches BM1 to monitor. BM2 to continue monitoring grading after Den backfill. BM1 calls from linear corridor of discovery of dead kit fox in a burrow of a den just off the blacktop access road. DB moves to investigate and record. DB departs front Guard Gate at 1545hr for office clerical work and to procure dry ice to keep the specimen cold waiting transport for necropsy. Dr. Clifford will transport.*

Well Pad 1 – 64290; Well Pad 2 – 57006; Well Pad 0 – 40664 No known dens inside solar fields

Monitor Checklist

General	Ye s	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		ARB truck passed BM on AR in a.m.
Biological Issues	Ye s	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			only 1 flying in over PB1 a.m.
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *Carcass was head down in a burrow of den 13m from access road. The head of carcass had blunt force trauma evident.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/18/12

Monitor: TBD, D Charlton, Rob Conohan, BMs
 Weather Conditions: clr, lgt winds a.m.
 High Temp.: 66pm Low Temp.: 30am

Start Time: 0630hr Stop Time: 1445hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive front Guard Gate at 0615hr and move to linear corridor to check traps for CDF&G that are close and visible to access road.* BM1 attends Par JHA meeting and then moves to monitor work in the linear corridor and later returns and is assigned to monitor prep area Block 10 PB2. BM2 to monitor fill area PB2. DB moves to conduct Well Pad visits, off-site Den Obs, and switch out remote camera memory cards. BV Inspector attends Monitor and Sukut JHA meetings. DB escorts CDF&G crew through south Common Area where equipment is working in the sedimentation pond. DB observes skid loader dispersing overflow water at Well Pad 0 fill station. Well Pad 1 pump discharge outlet and float not leaking and ample rip rap in place. DB and BM perform tortoise fence repairs near Block 8 PB1.** DB attends 2pm meeting at Common Area. DB lines out Bio Monitors for the rest of the day and then departs for ATV fuel and office clerical work at 1445hr.

Well Pad 1 – 64771; Well Pad 2 – 60237; Well Pad 0 – 41583

No known k fox dens inside solar fields

Monitor Checklist

General	Ye s	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	Ye s	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			**tortoise fence was not compromised
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			7 flying in different areas
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *Two desert kit foxes captured and radio transmitter collars installed. One fox trapped in the linear corridor. Persons attending 2pm meeting at Common Area were alerted to remind their people to keep eyes open and follow speed limits on Access Road as well as dirt field roads and do not tailgate.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/19/12

Monitor: TBD, D Charlton, Rob Conohan, BMs
 Weather Conditions: clr, lgt winds a.m.
 High Temp.: 66pm Low Temp.: 30am

Start Time: 0630hr Stop Time: 1445hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive for Sukut JHA at 0600hr with BM1 and BM2. BM2 sent to monitor initial cut in Channel D east side of PB2. BM1 asked to check for wildlife in HDPE pipes stored at Largo lay down area on the way to start trimming back branches and grass touching electric fence strands to prevent grounding out current. DB moves to make Well Pad visits, conduct off-site Den Obs, and switch out remote camera mem cards then assists the CDF&G/BLM to pull traps placed around the solar fields in Freeland. BLM Biologist asks DB if he will place remote camera at new den discovery off blacktop access road in linear corridor.* BM2 moved to monitor fill in Block 5. BM1 completes brush trimming and moved to monitor grading in PB2. DB moves to transfer k fox specimen collected yesterday and preserved on ice to CFD&G trap crew departing from Palen Wilderness Area access road at Ford Dry Lake exit after they pulled traps from Wilderness. CDF&G will transport to UC Davis Lab for necropsy. DB departs for office clerical work at 1552hr.

Well Pad 1 – 65023; Well Pad 2 – 60765; Well Pad 0 – 42298

No known k fox dens inside solar fields

Monitor Checklist

General	Ye s	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	Ye s	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			6 observed flying in various places
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *Two more foxes captured today and one fitted with a radio transmitter collar in linear corridor. Trapping at Genesis site is complete but DB requested by BLM to check for mortality signal on 3 collared animals several times a week.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/20/12

Monitor: TBD, D Charlton, Rob Conohan, BMs
 Weather Conditions: clr, lgt winds a.m.
 High Temp.: 66pm Low Temp.: 34am

Start Time: 0600hr Stop Time: 1445hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive for Sukut JHA at 0600hr with BM1 and BM2. Sukut Foreman and ARC/NAM Coordinator emphasize safety. BV Inspector on-site. After meeting BM2 sent to monitor discing prep in western Block 10 of PB2. DB moves to conduct Well Pad visits, conduct off-site Den Obs, and switch out remote camera mem cards. BM1 to resume brush clearing and DB along the electrical strands to prevent grounding. DB/BM come across the electric fence crew tightening the electric fence strands and removing brush and grass west side fenceline. DB advises fence crew of the tall grass and creosotes touching the lines north fenceline above western north Contour Area PB1. DB called regarding a hawk foraging in the cut area of east Block 3 "acting strange." DB moves to monitor cut eastern Block 3 but hawk and flown off by then. DB continues monitoring cut area while BM2 continued monitoring disc fill prep in west Block 10. BM1 released at 1230hr for family reasons. DB bumps over to W. Block 10 with BM2 to monitor discing as hawk seen foraging over there as well by BM2. Discer leaves and returns a few times so Arc Monitor instructed to stay even when discer gone if it were to return while gone. DB/BM2 stay as well and observe a small piece of tortoise shell found by the Arc Monitor that appeared to be fossilized. DB leaves BM2 to keep monitoring Block 10 work until Sukut stops work scheduled for 1430hr and DB departs for office clerical work at 1440hr from Guard Gate after checking for collared foxes in linear corridor on way out. All detected and none with mortality sensor activated.
 Well Pad 1 – 65373; Well Pad 2 – 62199; Well Pad 0 – 42825 No known kit fox dens inside solar fields

Monitor Checklist

General	Ye s	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	Ye s	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			*several foraging in grading areas
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *Red-tailed hawk frequenting grading and foraging with ravens over past days. Per MBTA, BMs instructed to keep close watch while monitoring.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/23/12

Monitor: TBD, Tsegaye Mengistu, BM
 Weather Conditions: clr, lgt winds a.m.
 High Temp.: 66pm Low Temp.: 37am

Start Time: 0600hr Stop Time: 1330hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive for Sukut JHA at 0600hr with BM. After meeting BM is dispatched to check for wildlife at Largo lay down area where numerous uncapped HDPE pipes are stored, check the tortoise trap for repairs that were supposed to be made over the weekend on the cross members and clean out sand from it due to high winds and bad sand storm on Saturday. DB moves to conduct off-site Den Obs and switch out remote camera memory cards. DB then makes well pad visits and check on the sprinkler crew. BM directed to conduct 100% tortoise exclusion perimeter fence inspection. Some areas now required to be checked on foot due to grading cut work removing drivable 2-track area. DB/BM place remote camera at kit fox den where two animals live that were radio collared by the trapping team. DB encounters the electric fencing crew and alerted them the top electric strand down the southwest fenceline has gotten loose and needs to be retightened to be effective. DB also relays areas on the north fenceline in the northwest corner of PB1 still have grass and brush touching electric fence strands that need to be trimmed back to avoid possibly grounding out the electric charge once the fence is activated. BM instructed once chores completed to monitor grading activities for equipment breakdowns with fugitive fluid leaks and for incidental wildlife until grading crew shuts down. DB observed no equipment broken down for spill containment and no standing water of significance. DB departs for office clerical work at 1330hr.

Well Pad 1 – 65542; Well Pad 2 – 63588; Well Pad 0 – 43651 No known kit fox dens inside solar fields

Monitor Checklist

General	Ye s	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	Ye s	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			only 1 flying 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 1/24/12

Monitor: TBD, Tsegaye Mengistu, BM
 Weather Conditions: clr, lgt winds a.m.
 High Temp.: 66pm Low Temp.: 37am

Start Time: 0600hr Stop Time: 1330hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive for Sukut JHA at 0600hr with BM. Partial grading shut down due to high winds. After meeting DB moves to make Well Pad visits and BM to check on sprinkler crew. DB observes skid loader dispersing water at Well Pad 0 fill station. BM to check for wildlife in the uncapped HDPE pipes stored at Largo lay down area and check the tortoise trap at solar field gate for windblown sand. DB conducts off-site Den Obs and switch out remote camera cards. DB received call from CEC Carol Watson inquiring of trapping results. Area where DB alerted electric fence crew needing top strand tightened and areas needing veg pruning were corrected. Well Pad 1 water tower being moved. Laborers observed dispersing water surplus at fill station as shown below. DB & BM conduct follow-up clearance surveys in ungraded swath of north Block 4 east to Block 8 of PB1. No findings. DB/BM adjust top barbless wire of exclusion fence in the southwest corner of PB1 south of the Conservation Set Aside Area where the gap between strands was wide. DB lines out BM to continue monitoring discing for incidental rodent kills to prevent raven foraging per the Raven Mgt. Plan as well as for potential TES species, and per the MBTA. DB departs for office clerical work at 1320hr.

Well Pad 1 – 65764; Well Pad 2 – 65051; Well Pad 0 – 44493 No known kit fox dens inside solar fields

Monitor Checklist

General	Y	e	s	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	Y	e	s	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					only 3 flying in different areas
All ESAs and other bio-related exclusion areas marked and avoided?	X					

Additional Notes: *



1-24-12, Well Pad 1 mitigating surplus water

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/25/12

Monitor: TBD, Tsegaye Mengistu, BM
 Weather Conditions: clr, gusty S winds switching to North a.m.
 High Temp.: 70pm Low Temp.: 54am

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 for Sukut JHA at 0600hr. BM stops on way in to remove road killed k-rat and jack rabbit per Rav Mgt. Plan. After meeting DB dispatches BM to monitor continued fill prep discing in east Block 10 as there were many ravens foraging on churned up rodents, lizards, and snakes yesterday p.m. DB moves to conduct Well Pad visits and conduct off-site Den Obs and switch out remote camera mem cards. DB hailed to visit with CEC CPM by BV regarding k fox trapping results and in general. DB observes skid loader completing dispersing water at Well Pad 1 as shown below. BM to check sprinkler crew, uncapped HDPE pipes stored at Largo lay down area and clean windblown dust out of tortoise trap at solar field gate. Approx. 1000hr partial grading shutdown due to gale force winds and blowing dust. DB/BM temporarily seek shelter due to blowing sand and near zero visibility. When winds and blowing sand recedes Sukut resumes limited operations including 2 fill prep discing units in Block 10. DB asks BM to continue monitoring and check the tortoise trap periodically for windblown sand along with general site monitoring rounds until all crews shut down again. DB departs and on way out switches out remote camera mem card on collared foxes den near front Guard Gate at 1155hr.

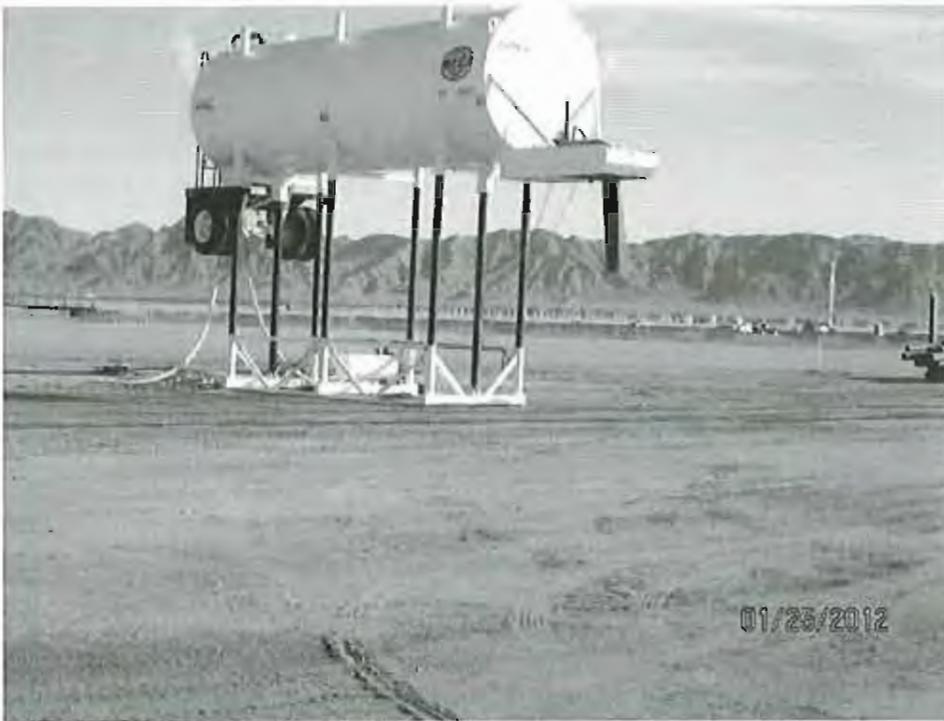
Well Pad 1 – ; Well Pad 2 – 67586; Well Pad 0 – 45638

No known kit fox dens inside solar fields

Monitor Checklist

General	Ye s	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		truck passes DB and 3 vehicles total on AR**
Biological Issues	Ye s	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 foraging in discing area Blk 10
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: **DB called Genesis Safety man at 0619hr to report the truck speeding at 0602hr with partial license plate. Safety man to relay incident to ECM discussed. AECOM Cultural Monitor Truck behind DB driver named Chris witness.



1-25-12, Well Pad 1 after skid loader departs



1-25-12 Fenceline 2-track

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/26/12

Monitor: TBD, Tsegaye Mengistu, BM
 Weather Conditions: clr, gusty S winds switching to North a.m.
 High Temp.: 75pm Low Temp.: 46am

Start Time: 0600hr Stop Time: 1345hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive for Sukut JHA morning meeting with BM. Immediately after meeting closes the BV Monitor on site asks DB for details about the Par truck speeding and passing on the blacktop access road yesterday a.m. After ATV walk around BM to check on overnight sprinklers and then to clean the tortoise trap if needed from blowing sand yesterday. DB moves to conduct Well Pad visits and conduct off-site Den Obs. All Well Pads being maintained for surplus water at fill stations. DB checks on HDPE pipes for wildlife stored at Largo lay down area. DB dispatches BM to conduct monthly RAV Observation Counts for January. DB observes cover over Sukut dumpster in south Common Area in good order while cleaning out Genesis ATV buggy as shown below. DB checks out equipment at the Parkline and observes scrapper 1257 being repaired with no fugitive fluid leaks. DB receives call from Par Foreman and BM is dispatched to monitor Par Electric work at underground lines in linear corridor. DB checks on sprinkler crew progress that is setting up for pre-watering Block 8 PB2. Electric fence crew observed hooking lines up to solar chargers to be activated today or tomorrow. DB lines out BM for the rest of the day and departs for ATV fuel and office clerical work at 1345hr.

Well Pad 1 – 66320; Well Pad 2 – 69910; Well Pad 0 – 45866

No known kit fox dens inside solar fields

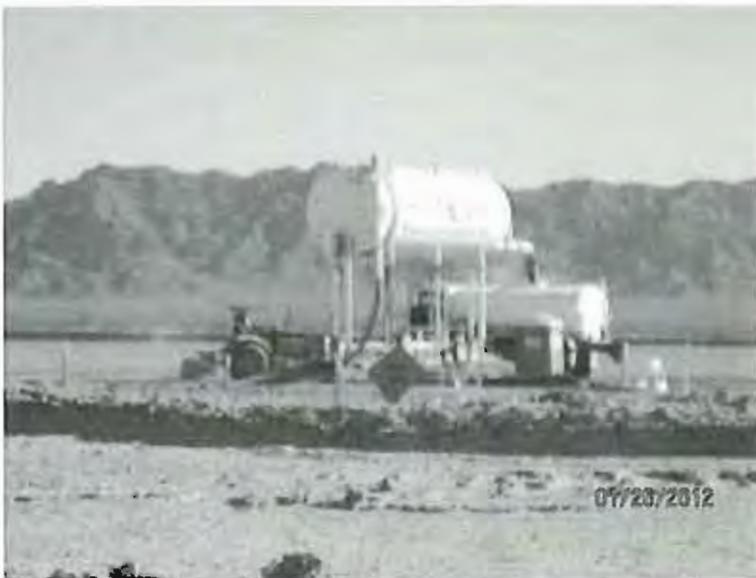
Monitor Checklist

General	Ye s	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	Ye s	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			tortoise trap cleaned of windblown sand
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			numerous foraging in discing area Blk 10
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: **DB corrects several electric fence warning signs blown in wind coming to rest on electric wire strand. DB also takes the time to correct several areas where the barbless livestock strands have wide gaps. There are many gaps around the solar field that the DB and BM will continue to address over time.



1-26-12, Sukut Dumpster covered in good order



1-26-12, Well Pad 0 water fill station being maintained

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/27/12

Monitor: TBD, Tsegaye Mengistu, BM
 Weather Conditions: mstly cldy, gale force North winds
 High Temp.: 75 mid-morn Low Temp.: 51am

Start Time: 0630hr Stop Time: 1030hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive and conduct ATV walk around. After walk around BM to check on overnight sprinkler crew and then begin systematic barbless wire gap check and correction going north from solar field gate until further notice. * DB moves to conduct Well Pad visits and off-site Den Obs. DB observes Sukut personnel policing litter along Block 8/4 and south fence line PB1. DB observes repairs being made to scrapper 1357 with appropriate drip pans in place as shown below. DB has conversation with water fill station dedicated skid loader operator discussing how well is going. DB lines out BM for rest of day and to clean tortoise trap if need be due to blowing sand and gale force winds last thing. DB departs at 1030hr for office clerical work and after to move DB office work station from Blythe Genesis Office to the Trailer City Office afterwards. Conference call scheduled for 1330hr to discuss BIO 15, BIO 18, and BIO 28.

Well Pad 1 – 66906; Well Pad 2 – 71142 – two towers now; Well Pad 0 – 46572 No known kit fox dens inside solar fields

Monitor Checklist

General	Ye s	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			as stated above
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	Ye s	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			tortoise trap cleaned of windblown sand
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			numerous flying and foraging east PB2
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *DB notices fox tracks inside tortoise exclusion fence on 2-track just west of sedimentation pond east PB1.



1-27-12, Scrapper 1357 with spill prevention in place



1-27-12, Mechanics with extra drip pans ready while working on Scrapper 1357

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/30/12

Monitor: TBD, Robert Conohan, BM
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 70pm Low Temp.: 32am

Start Time: 0600hr Stop Time: 1030hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

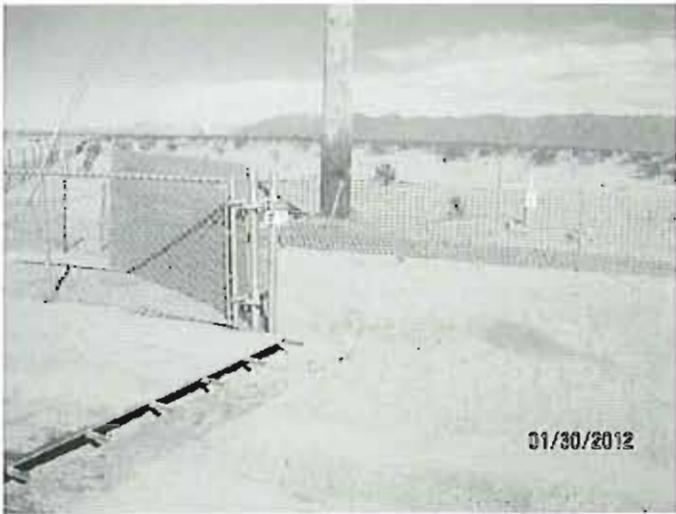
Arrive Sukut JHA morning meeting with BM. After meeting and we do our ATV walk arounds, DB moves to make Well Pad visits and conduct off-site Den Obs and to switch out remote cam cards. BM instructed to check tortoise trap for windblown sand and then check the overnight sprinkler crew. * DB then moves to conduct 100% exclusion fence perimeter check. Electric fence to be turned on today. Electric fence does not work unless touching another wire. BV CBO Inspector was present at gate and noted. DB/BM construct a wind screen north side of tortoise trap to try and arrest windblown sand from filling multiple times a day during prolonged gale force winds as shown below. DB/BM shovel out several areas behind restoration implements and other areas where high dunes formed making easy ingress for foxes to the solar field. Numerous fox tracks inside fence observed in several areas including area of solar field gate parking area. BM directed to continue monitoring discing area for incidental animal recovery and removal per the Raven Mgt. Plan and to monitor and equipment breakdowns with possible spills for protocol clean-up. BM to drive the blacktop access road for carcass canvas if have enough time. DB enters office on-site for office clerical work.

Well Pad 1 – 67223; Well Pad 2 – 76523 – two towers now; Well Pad 0 – 46819 No known kit fox dens inside solar fields

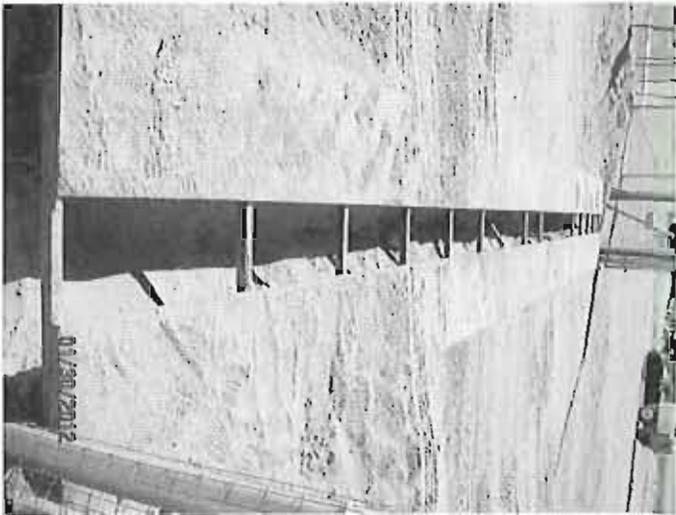
Monitor Checklist

General	Ye s	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			isolated items here and there
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	Ye s	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 foraging behind discing or flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *DB cleaned out tortoise trap Friday evening leaving at 1830hr on way out of solar fields in gale force winds. Several cross members now broken and DB recommends repairs to maintain overall structural integrity of the trap and its ability to support crossing by the many heavy trucks daily.



1-30-12, wind screen to minimize blowing sand into tortoise trap



1-30-12, tortoise trap with broken and weakened cross members



1-30-12, windblown sand dune compromising fence removed

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 1/31/12

Monitor: TBD, Robert Conohan, BM
 Weather Conditions: clr, lgt wind a.m.
 High Temp.: 75pm Low Temp.: 37am

Start Time: 0600hr Stop Time: 1730hr
 Attachments: _____
 Photographs: _____

Sites Monitored

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

Activity Log:

Arrive Sukut JHA morning meeting with BM. After meeting do ATV walk around. DB moves to conduct off-site Den Obs.* Current in electric strands only occurs when touching a barbless livestock strand and an electric fence strand and weak current. Relayed information in Wkly Staff Mtg. BM to check water fill stations and overnight sprinkler crew. DB receives call from Sukut Foreman of rattlesnake at the equipment Parkline. DB sends BM to recover. DB conducts Well Pad visits. Mechanics making repairs on scrapper 57-63 noted with proper spill protection in place as shown below. DB/BM do follow-up foot surveys in small ungraded area south of the sedimentation pond and an area just west with numerous fox tracks. One single burrow den believed active located about 50m south of the fence, none inside. DB receives call from Blattner CM regarding some pedestrian auger test bores being done in a Cal Trans ROW. It was described to be only on foot with no vehicles to go off road and the auger by hand. DB on second thought sent BM to monitor but activity was over. Cult monitor was present. BM returned to monitoring grading and DB enters office on-site for office clerical work.

Well Pad 1 – 67624; Well Pad 2 – 78775; Well Pad 0 – 47499 No known kit fox dens inside solar fields

Monitor Checklist

General	Ye s	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	Ye s	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 scattered flying and foraging
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes: *Many fox tracks on fenceline 2-track inside fence.



1-31-12, scrapper 57-63 with drip pans in place



1-31-12, scrapper 57-63 with spill protection in place

Genesis Solar Energy Project
Weekly Biological Summary
01/01/12 to 01/07/12

Sukut this week continued finish grade in Blocks 7 and 8 of Power Block 1 (PB1). In PB2 grading continues cutting of Block 1 and Channel C with fill going to Blocks 4 and 5. Soil pre-watering and water amending by water trucks and the water wagon is on-going. The fill prep discing continues in western PB2. Over the long Christmas and New Years weekends, the pre-watering crews lost sprinkler heads resulting in surplus water the impermeable soil could not absorb yielding standing water and then runoff. Sukut has been issued a warning that pump tenders are required to check sprinklers every three hours when watering at night and on weekends.



12-24-11 Sprinkler head breach standing water



01-03-12, pre-water off-site runoff area

Sukut has followed through with regular self policing of the Well Pad water fill stations to mitigate surplus overflow water when filling the numerous water trucks and large water wagon using the skid loader.



01-04-12, Well Pad 2 am



01-05-12, skid loader dispersing overflow water Well Pad 2

The Designated Biologist (DB) and Biological Monitors (BM) completed all wildlife clearance transects ahead of grade moving to PB2 for Blocks 1-5 in the west. The DB and his BM have only the small northern contour areas 4 & 5 and extreme northeast section of Block 8 in the east remaining to be cleared for all of PB2.

Largo caisson installation continues pouring in Block 5 to 1 and surveying caisson locations in Block 6 of PB1.

Par Electric began installation of power poles through the linear corridor outside of the desert tortoise exclusion fence on Tuesday of this week accompanied by the required Biological Monitor. Par has completed 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. Pole placement in the linear corridor will be completed Monday of next week and the crew will then continue erecting poles through the solar fields heading towards Trailer City and the Common Area. 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. The DB was notified of a minor hydraulic spill at the Assembly Area and appropriate spill containment was in place. As mentioned above, Sukut is making efforts to minimize ponding water as required at the fill stations. On 01-05-12 the DB noted at Well Pad 1 a leak coming from the water pump outflow flange causing minor standing water. On his Daily Report for 01-06-12 he was able to note it was fixed with rip rap added.



01-06-12, Well Pad 1 leak fixed and rip rap laid



01-05-12, Den 20 backfilled and buffer removed

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 the DB backfilled Den 20 by hand as required and a remote camera was placed at Den 21 discovered Friday 12-30-11 while finalizing foot clearance transects in Block 10 of PB2. The Contractors began installing authorized additional electric fence strands on the desert tortoise exclusion fence between the livestock barbless wires and on top of the T-posts Friday a week ago to discourage foxes coming from Freeland to the Project area. To date they have completed installation from the solar field gate to midway of PB1 on the south fence where Block 4 and Block 8 meet. 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. 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. No kit fox mortalities or carcasses found.

/s/ Thomas Darden

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

Genesis Solar Energy Project
Weekly Biological Summary
01/08/12 to 01/14/12

Sukut this week continued finish grade in Block 8 of Power Block 1 (PB1) and will be moving north of the Common Area in the Channel B next week. In PB2 grading continues cutting of Block 1 and now 2 with fill going to Blocks 4 and 5 next week. Soil pre-watering and water amending by water trucks and the water wagon is on-going. The fill prep discing continues in western PB2. Sukut no longer is authorized to pre-water and have only 3 hour check pump tenders. Sukut now will maintain a full time pump tender when ever watering at night.

Sukut continues regular self policing of the Well Pad water fill stations to mitigate surplus overflow water when filling the numerous water trucks and large water wagons using the skid loader. A 4th water tower was brought in on Saturday observed by the Designated Biologist (DB), but its final destination was not known at the time.

The DB and Biological Monitors (BM) have now completed all wildlife clearance transects for all of PB2 having started ahead of grade moving to PB2 for Blocks 1-5 in the west of the Unit. The DB and his BM have now started follow-up clearance surveys in PB1 for all areas that have not been graded. They will continue ongoing surveys of all ungraded areas. Until the electric fence is completed and activated, there is still the possibility of foxes coming through the exclusion fence livestock barbless wires into the solar fields and establishing a new den site.

Par Elec. continues stringing the electrical lines on the power poles down the access road in the linear corridor and setting poles through the solar fields to Trailer City. All of the power pole locations staked in the solar fields were wildlife clearance surveyed by the DB and BM previously and a BM has been with Par full time while working in the unfenced linear corridor. Par is working through this weekend to stay on their schedule.

The DB/BMs continue to monitor heavy equipment for fugitive fluid leaks and for ponding water at fill stations and from pre-watering sprinkler crews. The DB was notified this week by the Bureau of Veritas (BV) that the BLM is concerned about fugitive dust after a BLM Ranger morning site visit Wednesday. The BV Inspector that was on-site Friday left a voicemail for the Genesis Dust Monitor of the BLM concerns. During his Saturday site inspection, the DB observed Sukut water wagons and water trucks pre-watering cut and fill areas as well as a skid loader with small rippers following water on travel and haul roads ripping for better penetration.

Daily monitoring of kit fox dens off-site with collection of remote cam memory cards and photo documentation continues. This week the DB with a BM and two laborers dug down Den 21 by hand as required after 14 days with no remote camera pictures captured or observations. To date the 3 electric fence strands and all insulators for each post have been completed from the solar field gate west then north and now coming back east across the north fence line past Block 1 of PB1. A CDF&G trapping team arrived on-site Friday led by Dr. Deana Clifford, DVM. More details in the Wkly K Fox Synopsis.

A 100% tortoise exclusion perimeter fence check was conducted this week as always on Monday. 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. The tortoise exclusion fence tortoise trap at the solar field gate was cleaned of windblown sand twice this week due to high winds. Several road killed k rats were discovered on the access road in the linear corridor and buried this week. No kit fox mortalities or carcasses found.

/s/ Thomas Darden

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

Genesis Solar Energy Project
Weekly Biological Summary
01/15/12 to 01/21/12

There is little difference in ground disturbing work this week from last week. Grading this week continued finish grade in Power Block 1 (PB1) from north of the Common Area in the Channel B west through the Northern Contour Area 1 and in the southern area Sedimentation Pond. In PB2 finish grade has begun in the Channel C area with Block 1 in the north and will begin in the western portions of Blocks 2, 3, 4, and 5 as cut and fill works its way eastward. Grading continues cutting of Block 1 and 2 with fill going to east Blocks 4 and 5 now. Soil pre-watering and water amending by water trucks and the water wagons is on-going. The fill prep discing continues moving east into western Block 9 and 10. Initial cuts were made in eastern Block 9 of PB2. Genesis and the grading contractors Sukut received a warning through Bureau of Veritas (BV) Monitors on behalf of the BLM that ponding water, speeding and passing on the blacktop access road (for all contractors), fugitive dust abatement, and possible safety issues between Cultural, Paleontological, and Native American Monitors working in the active grading areas around the earth moving equipment must be brought in line with standards or possible punitive actions may be taken. Genesis Mgt vowed to work closely with the grading contractors to resolve the areas of concern and addressed all contractors regarding zero tolerance for speeding.



Sukut continues regular self policing of the Well Pad water fill stations using the skid loader to mitigate surplus overflow water when filling the numerous water trucks and large water wagons. Developing an effective system to utilize pre-watering sprinklers without ponding is proving to be a difficult task to overcome.



Genesis Mgt has reauthorized night pre-watering but stipulated only with full time pump tenders on hand, and placed the grading contractors on notice that ponding water must not be present at sunrise.

The Designated Biologist (DB) and Biological Monitors (BM) having completed all wildlife clearance transects for all of PB2 ahead of grading and continue follow-up clearance surveys in PB1 for all areas that have not been graded. As mentioned last week, they will continue ongoing surveys of all ungraded areas. They also continue monitoring grading activities to try and save before mortality incidental wildlife and possible TES species that can fit through the fence like the MFTL (Mohave Fringe-Toed Lizard) and sensitive avian species that can fly into the site like burrowing owls and in general all migratory birds per the Migratory Bird Treaty Act. The 3 electric fence strands and insulators have been placed around the solar field now and the fence should be activated next week. The DB and BMs with the electric fencing crew this week began the task of trimming back branches and grass touching electric fence strands to prevent grounding out current.

Par Electric completed stringing the electrical lines on the power poles down the access road in the linear corridor this week and continues setting and stringing poles through the solar fields to Trailer City. All of the power pole locations staked in the solar fields were wildlife clearance surveyed by the DB and BM previously and a BM was with Par full time while working in the unfenced linear corridor.

The DB/BMs continue to monitor heavy equipment for fugitive fluid leaks and for ponding water at fill stations and from pre-watering sprinkler crews. BV Monitors were on-site all week observing grading operations as well as general site compliance monitoring. A replacement BV Monitor started at the first of the week.

Daily monitoring of kit fox dens off-site with collection of remote cam memory cards and photo documentation continues. The CDF&G trapping team led by Dr. Deana Clifford, DVM completed trapping on Friday. More details in the Wkly K Fox Synopsis.

A 100% tortoise exclusion perimeter fence check was conducted this week as always on Monday. 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. The tortoise exclusion fence tortoise trap at the solar field gate will be receiving repairs to the cross members this weekend to preserve its structural integrity. No road killed animals were discovered on the access road in the linear corridor this week. One kit fox carcass was found by the BM monitoring work in the unfenced linear corridor. The DB was called and found the carcass in a burrow of an unknown kit fox den adjacent to where the south road shoulder had been restored. The Wildlife Incident Form follows.

/s/ Thomas Darden

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

Genesis Solar Energy Project
Construction Wildlife Incident Form

Pg 1 of 2

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

INCIDENT DETAILS

Date: 1/17/12, 13:49hr Observer: Thomas B. Darden, Designated Biologist

Type of Incident (circle one): Injury / Fatality / Nest David Charlton, Bis Markler

Cause of Death: Unknown!

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

Photo No. Attached as follows

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

Pelage still intact with wound to the head and face with
meat loss. Felt briefly for broken bones but smell overwhelming

LOCATION Access Rd 3 Den

DATUM: 11s

UTM E: 0690815 UTM N: 3723067

Location Details (microhabitat, etc.):

Den burrow complex on desert pavement 13m south of
Access Road. Scattered creosote shrub east, west, and south.

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: Prior to moving carcass tail is 2" inside
burrow tunnel, appearing curled up. After removing the carcass, it
appears to have received some impact crushing left side. Animal was
lengthwise head first in burrow tunnel. (Acad.)

ENVIRONMENTAL CONDITIONS

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

Approx. Temperature (circle one): F / °C: 64

Wind (circle one): Calm / Gusty / Storm / Violent Storm Light from south

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): Put on ice per Dr. Deane
Clifford. SVM direction to be taken for necropsy.



01-17-12, original undisturbed position



01-17-12, apparent head damage



01-17-12, left side



01-17-12, right side

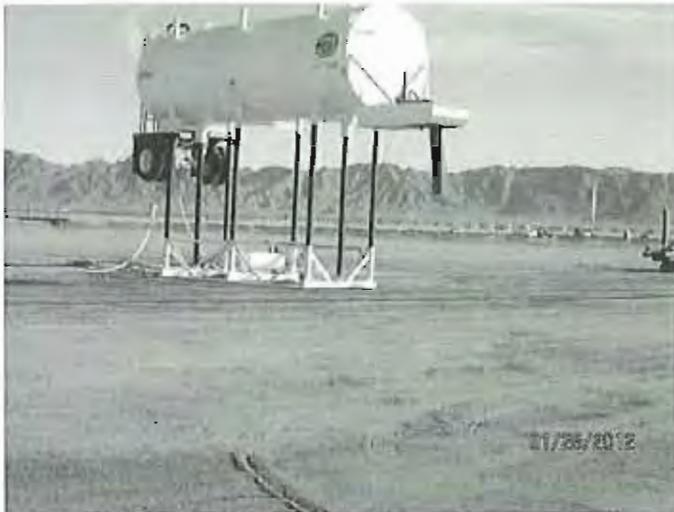


01-17-12, Access Rd 3 Den proximity to road

Genesis Solar Energy Project
Weekly Biological Summary
01/22/12 to 01/28/12

Grading this week continued finish grade in Power Block 1 (PB1) from north of the Common Area in the Channel B west through the Northern Contour Area 1 and in the southern area Sedimentation Pond. In PB2 finish grade continued in the western portions of Blocks 1, 2, and early stages Block 3, 4, and 5 as cut and fill works its way eastward. Grading continues cutting of eastern Block 1, 2, and 3 with fill still going to Blocks 4 and 5. Work on Channel BC has now shifted to Channel D in PB2. Soil pre-watering and water amending by water trucks and the water wagons is on-going. The fill prep discing continues moving east to west into western Block 9 and 10.

The Bureau of Veritas (BV) Monitor on behalf of the BLM had a strong presence on-site this week and some Contractors released personnel in not keeping with the Genesis Mgt's vow to resolve areas of concern including a zero tolerance for speeding and passing. A pick-up truck was speeding and passed three vehicles in the early morning darkness on the blacktop access road including the Designated Biologist (DB) followed by an AECOM Cultural Monitor on Wed. 1/25. The DB was informed on Fri. 1/27: *"This individual has been re-instructed on Genesis Project rules concerning proper procedures in driving on project and to and from. He has had a letter of reprimand placed in his personal with PAR Electric and has been moved to another project."*



1-25-12, Well Pad 1 fill station



1-24-12, Well Pad 1 mitigating surplus water

Sukut continues regular self policing of the Well Pad water fill stations using the skid loader and by hand to mitigate surplus overflow water when filling the numerous water trucks and large water wagons.

Genesis Mgt last week reauthorized night pre-watering but stipulated only with full time pump tenders on hand, and placed the grading contractors on notice that ponding water must not be present at sunrise. This week there were no areas observed that required corrective actions regarding the pre-watering sprinkler crew.

As mentioned last week, the DB and Biological Monitors (BM) having completed all wildlife clearance transects for all of PB2 ahead of grading and continue follow-up clearance surveys in PB1 for all areas that have not been graded. They will continue ongoing surveys of all ungraded areas. Bio monitoring grading activities serves several COCs including removing incidental wildlife in accordance with the Raven Mgt. Plan and for TES species that can fit through or fly over the exclusion fence such as the Mohave Fringe-Toed Lizard or the Burrowing Owl. The Migratory Bird Treaty Act also requires safe guarding in general all migratory birds. The 3 electric fence strands and insulators have all been placed around the solar field and the fence should be activated next week. The DB and BMs continued this week trimming back branches and grass touching electric fence strands to prevent grounding out current as well as correcting barbless strands that have uneven large gaps.

Par Electric has completed most of their work and will be mobilizing off the Project but the contract will remain in effect as they will serve in a support capacity now. All of the power pole locations staked in the solar fields were wildlife clearance surveyed by the DB and BM previously and a BM was with Par full time while working in the unfenced linear corridor during all potentially ground disturbing activities.

The DB/BMs continue to monitor heavy equipment for fugitive fluid leaks and for ponding water at fill stations and from pre-watering sprinkler crews. As mentioned above, BV was on-site during the week observing grading operations as well as general site compliance monitoring.



1-27-12, Scrapper 1357 with spill prevention in place



1-27-12, Mechanics with extra drip pans ready while working on Scrapper 1357

Daily monitoring of kit fox dens off-site with collection of remote cam memory cards and photo documentation continues. There will be periodic checks of radio collared foxes with mortality switches built in the transmitters for the near future. More details are contained in the Wkly Kit Fox Status Rpt.

A 100% tortoise exclusion perimeter fence check was conducted this week as always on Monday. Raven sightings continue in the solar fields following discing primarily and often in the Common Area. With the reduction in ponding water, other than foraging following the discer, there has been a marked drop in raven presence. The monthly Raven Observation Count was conducted on Thursday. The tortoise trap at the solar field entrance had to be monitored closely several days this week due to gale force winds and blowing sand. It did not receive the repairs to the cross members scheduled this week to preserve its structural integrity. It has been rescheduled for next week. A road killed jack rabbit and two k rats were discovered on the access road in the linear corridor this week and buried per the Raven Mgt Plan.

Last week a kit fox carcass was found in a burrow of an unknown kit fox den adjacent to where the south road shoulder had been restored. The Wildlife Incident Form stated it appeared to have received a severe impact crushing the head. This was not the case. Preliminary results from the necropsy determined "*the carcass was badly decomposed, so maggots had infiltrated the brain and skin of the head causing the head to look like it had been smashed (deflated appearance).*" They are still working on determining if it had CDV. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week.

/s/ Thomas Darden

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

Appendix C

Haz-6

Worker Environmental Awareness Program Training

Workers Environmental Awareness Plan : Training Roster

Genesis Solar Energy Project

Instructor: Rick Finson HSO Su Kut			
Name : Print	Signature	Company Name	Date
Richard Selph	<i>Richard Selph</i>	Empire	1-26-12
Terry Collier	<i>Terry Collier</i>	Empire	1-26-12
Rubén Azate	<i>Rubén Azate</i>	Empire	1-26-12
Ubaldo Amaya	<i>Ubaldo Amaya</i>	EMPIRE	1-26-12
Michael Davis	<i>Michael Davis</i>	RENTAC	1-30-12
Jesse Covantes	<i>Jesse Covantes</i>	LWA	1-30-12
Reynaldo Villa	<i>Reynaldo Villa</i>	LWA	1-30-12
Ismael Lewis	<i>Ismael Lewis</i>	LWA	1-30-12
FARUK MAJID	<i>FARUK MAJID</i>	LWA	1-30-12
Tim Fulkerson	<i>Tim Fulkerson</i>	SuKut	1-31-12
WARD Holmes	<i>WARD Holmes</i>	Amber steel	2-1-12
Bryant Holmes	<i>Bryant Holmes</i>	Amber Steel	2-1-12
Abraham Jirado	<i>Abraham Jirado</i>	Amber Steel	2-1-12
JEREMY HART	<i>Jeremy Hart</i>	SuKUT	2-1-12
Helen Campson	<i>Helen Campson</i>	Amber steel	2-1-12
RANDY ESPINOZA	<i>Randy Espinoza</i>	SUKUT	2-1-12
Richard GROSSER	<i>Richard GROSSER</i>	SuKUT	2-1-12
STANLEY MCDONALD	<i>Stanley McDonald</i>	Amber Steel	2-1-12
Archibald	<i>Archibald</i>	SuKUT	2/1/12
ZACHARY (DELECTUS)	<i>Zachary Delectus</i>	CS PRE-PRINT	2-1-12
Chris Milner	<i>Chris Milner</i>	SuKUT	2-1-12
Dr Pat Art Peterson	<i>Dr Pat Art Peterson</i>	ARTS CP	2/3/12
Ismael Medina	<i>Ismael Medina</i>	Sunbelt	2-6-12
Keith Johnson	<i>Keith Johnson</i>	Sunbelt	2-6-12
Andres Parra	<i>Andres Parra</i>	Sunbelt R	2-6-12
Jesse Terrusquin	<i>Jesse Terrusquin</i>	Sunbelt Rentals	2-6-12
Josh Loquero	<i>Josh Loquero</i>	Sunbelt Rentals	2-6-12
John LAZARUS	<i>John Lazarus</i>	MILLER MANUS	2-6-12
Arnold Ramirez	<i>Arnold Ramirez</i>	LWA	2-6-12
Paul Griffin	<i>Paul Griffin</i>	SuKut	2-09-12
James Valley	<i>James Valley</i>	SuKUT	2-9-12

Largo Concrete

Genesis Site Safety Orientation

	Signature	Print Name	Company	DATE
1		Edward Robinson	LARGO	12/27/2011
2		James Gerughty	LARGO	12/27/2011
3		FERNANDO CRUZ	LARGO	12/27/2011
4		MOUSLIM KADIM	LARGO	12/27/11
5		Cesar Rodriguez	LARGO	12/27/11
6		Lewis Beckum	LARGO	12-27-11
7		Jose R. Mora	LARGO	1/26/12
8		KISH RAMIREZ	ANDERSON	1-29-12
9		Hazel Dickerson	LARGO	2/1/12
10		John Sarah	LARGO	2/2/12
11		INGOLF BRAUER	ANDERSON	2/2/12
12		Brian Adams	LARGO	2/7/12
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Genesis Site Safety Orientation

	Signature	Print Name	Company	DATE
1		Edward Robinson	Largo	12/27/2011
2		James Geraghty	Largo	12/27/2011
3		FERNANDO CRUZ	LARGO	12/27/2011
4		MUSLIM KADIM	LARGO	12/27/11
5	Cesar Rodriguez	Cesar Rodriguez	LARGO	12/27/11
6	Lewis Beckman	Lewis Beckman	LARGO	12-27-11
7	Jose R. Maza	Jose R. Maza	LARGO	1/26/12
8	KISH RAMIREZ	KISH RAMIREZ	ANDERSON	1-29-12
9	Hazel Dickerson	Hazel Dickerson	LARGO	2/1/12
10		John Smith	Largo	2/2/12
11		INGOLF BRAUER	ANDERSON	2/2/12
12		Brian Adams	Largo	2/7/12
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Genesis Safety Orientation

WEAP

Signature	Print Name	Company	Date
	Nathan Esmond	PAR	01-02-12
	Rick Jones	PAR	01-02-12
	BENJAMIN WALLACE	PAR	01-02-2012
	Herb Stahel	PAR	01-02-2012
	Rick Lindner	PAR	01-02-2012
	Charles Kidd	PAR	01-09-12
	Juan C. Munoz	TCM TRX	1-9-12
	Luis Verdugo	PAR	1/9/12
	NATHAN BERNARD	PAR	1-9-12
	Luis Navarrete	PAR	1-9-12
	Gary King	SWCA	1-9-12
	Steve HARRINGTON	FLA.Bea	1-9-12
	CATALINA LOPEZ	SENER	1-10-12
	BAILEY CHRISTENSON	PST	1/11/12
	Frank Humphries	AECOM	1/16/12
	Louis Lavegn	Newton	1/16/12
	Drew Beck	Newton	1/16/12
	Cindy Harvard	Blattner	1/16/12
	LINDA KEY	AECOM	1/17/12
	John WATKINS	South West Pump	1/17/12
	Steve Wegman	NEER	1/17/12
	Cindy Harvard	Blattner	1/17/12
	Edward Davidson	Newton	1/18/12
	Dawn Kelly	Newton	1/18/12
	Charles L. Griffin	Bureau Veritas	1/18/12
	John M Cravy	NextERA	1/18/12
	ERIC KOWALSKI	AECOM	1/19/12
	HILARY WARREN	AECOM	1/23/12
	Aaron Elzinga	SWCA	1/19/12
	Duane Calenda	Newton	1-23-12
	JESUS CCHET	SENER	1-25-12
	Arise AGUIRRE	SENER	1-25-12
	Duane M. Graves	Terracore	1-26-12

Genesis Safety Orientation

Wear

Signature	Print Name	Company	Date
	Horacio Acosta	Largo	12/5/2011
	Carlos Reyes	Largo	12-5-11
	JAIME ZURITA	LARGO	12-05-11
	Enrique Montion	Largo	12-05-11
	Michael L. Putter	ES STUTZMAN	12-02-11
	NIKKY LIDE	DOE	12-12-11
	Shiva Granmayer	DOE	12/12/11
	Scott Drew	WorkPursons	12/13/11
	Alynd Points	PLANTER	12/13/11
	Rodney Haver	"	12/13-11
	MARC MATEO	AIRPES	12/13/11
	Harry Peery	PAR	12-14-11
	JOE ESPINOSA	PAR	12-14-11
	Bob Nades	PAR	12-14-11
	Todd Johnson	ARJ	12-14-11
	Sergio Barragan	William Scotsman	12-14-11
	Albino Arayas	William Scotsman	12-14-11
	Rod Humphreys	PAR	12-14-11
	Don Miller	PAR	12/14/11
	Alex C. Ruano	B.P.	12-16-11
	Mark Fisher	PAR	12-20-11
	GREG SANDOVAL	PAR	12-20-11
	MIKE E. SCHRAGE	ES STUTZMAN	12-21-11
	Dennis Miller	ES STUTZMAN	1-3-12
	Lucian Rachi	Quick Deck	1-4-12
	Daniel Rachi	Quick-Deck	1-4-12
	Benjamin Rachi	Quick-Deck	1-4-12
	Jessica DeBusek	SWCA	01-05-12
	Lee Hall	SWCA	1-5-2012
	Caralazeth	SWCA	1-5-2012
	Robert Stewart	Axiom Telecom	1-10-12
	Michael DeWitt	Axiom Telecom	1-10-12
	Bob Isomson	Newtron	1/23/12
	RENEE BARTON	NEWTRON	1/23/12

Genesis Solar Project

Blythe Power Construction

Date: 1-12-12 - 2-7-12

	Driver's Name	Company	Lic. Plate
	Jose Ramirez	Old Dominion	MA 8133
1-25-12	Orlando Castillo	Lauren	
	ELIAS LORVO	GARCIA EXPRESS	P. 25885
2-2-12	Eduardo Figueiras	Garcia Exp.	PB 94504
2-6-12	Jorge Rodriguez	Harbor Rail Transport	9E30673
	HECTOR ORTEGA	GARCIA EXPRESS	AB-94508 (AZ)
	William Penate	HARBOR RAIL	9E30653
	Pedro Oash	" "	AD4113
	Pedro Serrano	GARCIA EX	AD 62332
2-7-12	EGUI	SI EXPRESS LINES	P 729921
	Jose Nuno	CENTRAL ARIZONA FREIGHT	AD-66351 ARIZONA
	ART STEIG	ACE	8T0 2982 (CA)

Appendix C

Haz-6

Worker Environmental Awareness Program Training

Workers Environmental Awareness Plan : Training Roster

Genesis Solar Energy Project

Instructor: Rick Finzell HSO Su Kut			
Name : Print	Signature	Company Name	Date
Richard Selph	<i>Richard Selph</i>	Empire	1-26-12
Terry Collier	<i>Terry Collier</i>	Empire	1-26-12
Rubén Azate	<i>Rubén Azate</i>	Empire	1-26-12
Ubaldo Amaya	<i>Ubaldo Amaya</i>	EMPIRE	1-26-12
Michael Davis	<i>Michael Davis</i>	RENTAC	1-30-12
Jesse Covantes	<i>Jesse Covantes</i>	LWA	1-30-12
Raynaldo Villa	<i>Raynaldo Villa</i>	LWA	1-30-12
Ismael Lewis	<i>Ismael Lewis</i>	LWA	1-30-12
FARUK MAJID	<i>FARUK MAJID</i>	LWA	1-30-12
Tim Fulkerson	<i>Tim Fulkerson</i>	SuKUT	1-31-12
WARD Holmes	<i>WARD Holmes</i>	Amber steel	2-1-12
Bryant Holmes	<i>Bryant Holmes</i>	Amber Steel	2-1-12
Abraham Jirado	<i>Abraham Jirado</i>	Amber Steel	2-1-12
JEREMY HART	<i>Jeremy Hart</i>	SuKUT	2-1-12
Helen Campos	<i>Helen Campos</i>	Amber steel	2-1-12
RANDY ESPINOZA	<i>Randy Espinoza</i>	SuKUT	2-1-12
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Keith Johnson	<i>Keith Johnson</i>	Sunbelt	2-6-12
Andres Parra	<i>Andres Parra</i>	Sunbelt R	2-6-12
Jesse Terrusquin	<i>Jesse Terrusquin</i>	Sunbelt Rentals	2-6-12
Josh Loquena	<i>Josh Loquena</i>	Sunbelt Rentals	2-6-12
John LAZARUS	<i>John Lazarus</i>	MILLER MANUS	2-6-12
Arnold Ramirez	<i>Arnold Ramirez</i>	LWA	2-6-12
Paul Griffin	<i>Paul Griffin</i>	SuKUT	2-09-12
James Valley	<i>James Valley</i>	SuKUT	2-9-12

Largo Concrete

Genesis Site Safety Orientation

	Signature	Print Name	Company	DATE
1		Edward Robinson	LARGO	12/27/2011
2		James Gerughty	LARGO	12/27/2011
3		FERNANDO CRUZ	LARGO	12/27/2011
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Genesis Site Safety Orientation

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5	Cesar Rodriguez	Cesar Rodriguez	LARGO	12/27/11
6	Lewis Beckman	Lewis Beckman	LARGO	12-27-11
7	Jose R. Maza	Jose R. Maza	LARGO	1/26/12
8	KISH RAMIREZ	KISH RAMIREZ	ANDERSON	1-29-12
9	Hazel Dickerson	Hazel Dickerson	LARGO	2/1/12
10		John Smith	Largo	2/2/12
11		INGOLF BRAUER	ANDERSON	2/2/12
12		Brian Adams	Largo	2/7/12
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Genesis Safety Orientation

WEAP

Signature	Print Name	Company	Date
	Nathan Esmond	PAR	01-02-12
	Rick Jones	PAR	01-02-12
	BENJAMIN WALLACE	PAR	01-02-2012
	Herb Stahel	PAR	01-02-2012
	Rick Lindner	PAR	01-02-2012
	Charles Kidd	PAR	01-09-12
	Juan C. Munoz	TCM TRX	1-9-12
	Luis Verdugo	PAR	1/9/12
	NATHAN BERNARD	PAR	1-9-12
	Luis Navarrete	PAR	1-9-12
	Gary King	SWCA	1-9-12
	Steve HARRINGTON	FLA.Bea	1-9-12
	CATALINA LOPEZ	SENER	1-10-12
	BAILEY CHRISTENSON	PST	1/11/12
	Frank Humphris	AECOM	1/16/12
	Louis Lazenby	Newton	1/16/12
	Drew Beck	Newton	1/16/12
	Cindy Harvard	Blattner	1/16/12
	LINDA KEY	AECOM	1/17/12
	John WATKINS	South West Pump	1/17/12
	Steve Wegman	NEER	1/17/12
	Cindy Harvard	Blattner	1/17/12
	Edward Davidson	Newton	1/18/12
	Dawn Kelly	Newton	1/18/12
	Charles L. Griffin	Bureau Veritas	1/18/12
	John M Cravy	NextERA	1/18/12
	ERIC KOWALSKI	AECOM	1/19/12
	HILARY WARREN	AECOM	1/23/12
	Aaron Elzinga	SWCA	1/19/12
	Duane Calenda	Newton	1-23-12
	JESUS CCHET	SENER	1-25-12
	Arise AGUIRRE	SENER	1-25-12
	Duane M. Graves	Terracore	1-26-12

Genesis Safety Orientation

Wear

Signature	Print Name	Company	Date
	Horacio Acosta	Largo	12/5/2011
	Carlos Reyes	Largo	12-5-11
	JAIME ZURITA	LARGO	12-05-11
	Enrique Montion	Largo	12-05-11
	Michael L. Putter	ES Stutzman	12-02-11
	NIKKY LIDE	DOE	12-12-11
	Shiva Granmayer	DOE	12/12/11
	Scott Drew	WorkPursons	12/13/11
	Alynd Points	PLANTER	12/13/11
	Rodney Haver	"	12/13-11
	MARC MATEO	AIRPES	12/13/11
	Harry Peery	PAR	12-14-11
	JOE ESPINOSA	PAR	12-14-11
	Bob Nades	PAR	12-14-11
	Todd Johnson	ARJ	12-14-11
	Sergio Barragan	William Scotsman	12-14-11
	Albino Arayas	William Scotsman	12-14-11
	Rod Humphreys	PAR	12-14-11
	Don Miller	PAR	12/14/11
	Alex C. Ruano	B.P.	12-16-11
	Mark Fisher	PAR	12-20-11
	GREG SANDOVAL	PAR	12-20-11
	MIKE E. SCHRAGE	ES STUTZMAN	12-21-11
	Dennis Miller	ES Stutzman	1-3-12
	Lucian Rachi	Quick Deck	1-4-12
	Daniel Rachi	Quick-Deck	1-4-12
	Benjamin Rachi	Quick-Deck	1-4-12
	Jessica DeBusek	SWCA	01-05-12
	Lee Hall	SWCA	1-5-2012
	Carolazeth	SWCA	1-5-2012
	Robert Stewart	Axiom Telecom	1-10-12
	Michael DeWitt	Axiom Telecom	1-10-12
	Bob Isomson	Newtron	1/23/12
	RENEE BARTON	NEWTRON	1/23/12

Genesis Solar Project

Blythe Power Construction

Date: 1-12-12 - 2-7-12

	Driver's Name	Company	Lic. Plate
	Jose Ramirez	Old Dominion	MA 8133
1-25-12	Orlando Castillo	Lauren	
	ELIAS LORVO	GARCIA EXPRESS	P. 25885
2-2-12	Eduardo Figueiras	Garcia Exp.	PB 94504
2-6-12	Jorge Rodriguez	Harbor Rail Transport	9E30673
	HECTOR ORTEGA	GARCIA EXPRESS	AB-94508 (AZ)
	William Penate	HARBOR RAIL	9E30653
	Pedro Oash	" "	AD4113
	Pedro Serrano	GARCIA EX	AD 62332
2-7-12	EGUI	SI EXPRESS LINES	P 729921
	Jose Nuno	CENTRAL ARIZONA FREIGHT	AD-66351 ARIZONA
	ART STEIG	ACE	8T0 2982 (CA)

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications



January Monthly Report of CBO Activities

Prepared on 12-02-03 by Robert DeKruise

GEN-6: Approved Special Inspectors

- Scott H. Vacula, PE – Designated Project Manager/Lead
- Akililu 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-1-2.0X1 Access Road Package
- CIVIL-1-3.0 Geotechnical Engineering Report
- CIVIL-1-3.1 Supplemental Geo Report
- **CIVIL-1-3.2 Slope Stability Geotechnical Engineering Report**
- CIVIL-1-4.0 Temporary Tortoise Fence
- CIVIL-1-5.0 Preliminary Site Preparation Package
- CIVIL-1-6.0 Caltrans Encroachment Pkg
- CIVIL-1-7.0 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-Temporary Double Gate



CIVIL-3: CBO Site Grading Inspections

- No compaction discrepancies this month from Special Inspection Company, PSI
- Cultural and Native American Monitors on site daily
- Grading and drainage being performed to approved plans and specifications

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
- **ELECT-1-25.0 Electrical Grounding Plans Power Block 1**
- **ELECT-1-27.0 Electrical Conduit Schedule Power Block 1 and Solar Field 1**
- **ELECT-1-28.0 Electrical Area Classification Plans Power Block 1**
- **ELECT-1-29.0 Electrical Specification Unit Auxiliary Transformer**



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

- MECH-501 AMMC Design and Construction of Unfired Steam Boilers

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-1-14.0 Structural Concrete Drawings and Calculations**
- STRUC-1-15.0 Solar Field 2 Caisson Schedule
- STRUC-1-16.0 Solar Field 2 Foundation Location
- **STRUC-1-17.0 Power Block 1 Main Piperack Foundation Plans**
- **STRUC-1-17.1 Power Block 1 Main Piperack Structural Calculations**
- **STRUC-1-17.2 Power Block 1 Main Piperack plans**
- STRUC-1-18.0 Power Block Unit 1 Water Sump Foundation & Calculations
- **STRUCT-1-504 AMMC Structural Steel Substitute**
- **STRUCT-1-505 Structural Observation Report Form**
- **Struct-1-506 AMMC Concrete pile Transverse Reinforcing Solar Field**

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

- DCN-0-ICD-004 Changed Assembly Building concrete aprons to landings

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

- Waste-4-1.0 Waste Management Plan

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

Appendix E

Cultural Monitor Reports

Cul-8 and Cul-13

Construction Monitoring Plan and Flag and Avoid

Due to proprietary and confidential subject matter, the following information is secured and held under confidential cover

Appendix F
Safety Reports and Incidents
Worker Safety-3
Construction Safety Supervisor – Staff Assignment

Genesis Site Driving Privilege Notice:

Scope of Site Driving Privilege is applicable to all persons onsite regardless of employment, stature, visiting or delivering status.

Driving onsite the Genesis Solar Energy Project is a privilege and as such must be maintained in good status.

Persons onsite reported by any member of the Management Team or Government Agency showing disregard for others and or out of compliance with the Site Driving Rules may have their driving privilege revoked, not allowing that individual to drive on site for the term of the project.

Government agencies may also perform random unannounced speed checks.

Some of the behaviors that will justify revocation of driving privilege are listed below:

- Driving reckless on site or on the site access roadway
- Passing or overtaking other vehicles en route on site on the access road
- Not obeying posted speed limits onsite or on the access road
- Generation of excess Fugitive Dust
- Speeding past workers on site
- Causing an accident or near miss while driving on site
- Causing Damage to equipment or property
- Bypassing or running the Security Gate
- Harassment or mortally wounding wildlife.
- Ticketed by a Government Agency (may also be a personal fine up to \$1000.00)

Safety on Site is the responsibility of all and must be considered the highest value.

These rules are in effect immediately; please present to all personal currently on site and to any future employees.

QUALITY CONTROL DEPARTMENT

When will QC activities be performed? The earlier QC activities are performed, the more latitude the contractor has in dealing with problems. However, when activities are performed too early, there is a risk of unforeseen changes or glitches prior to actual construction. When will test results be available? This is a key component of the QC plan that determines largely how responsive it can be to deficiencies.



Make the RIGHT Choice

ACCIDENT - The National Safety Council defines an accident as an undesired event that results in personal injury or property damage.

INCIDENT - An incident is an unplanned, undesired event that adversely affects completion of a task.

NEAR MISS - Near misses describe incidents where no property was damaged and no personal injury sustained, but where, given a slight shift in time or position, damage and/or injury easily could have occurred.

Weekly Newsletter

LOOK BEFORE YOU LEAP

All too often accidents on construction jobs are caused by workers who fail to "look." One of the most important and basic principles of accident prevention on a construction job is to look where you walk, stand, sit or climb. You may have heard of the bricklayer who stepped back to admire his work, only to fall off the scaffolding! It is very important to look before stepping in any direction. You might step into a pile of scrap lumber, into an open trench, in the path of a moving piece of equipment or under a swinging load.



On most construction jobs, conditions in work areas change continuously, materials and equipment are constantly handled and moved about. Look up, look down, and look all around and make certain the way is clear and you are avoiding all hazards.

Working in the field of construction does not permit us to sit around much. When you can sit down, look where you sit. How often have you heard the injured worker say, "I didn't notice it." This excuse just doesn't cut it. We all have to be aware of our surroundings or risk being severely hurt or killed.

If you are involved in cleaning or housekeeping duties on the job, sometimes scrap is thrown into a pile or from an elevated location. Material should not be thrown at anytime. It should be lowered carefully or removed with material handling equipment. Workers should look before they walk in areas where clean-up work is under way. Most importantly, never walk under suspended loads. Be alert and look up. Falling material will cause serious injuries.

Some of you may have heard of people being injured because they failed to watch where they were stepping. Test a platform before you step onto it; be sure your ladder is secure before climbing it. If work areas are poorly lighted, be especially cautious.

Stay alert, look about you constantly and don't rush or take chances, because those few minutes you save may cost you your lifestyle--or your life!

Remember, someone who rushes in headlong, often comes out feet first!



Make the RIGHT Choice

Newsletter Date January 9, 2012

JOB TRAINING IS A MUST



Reams and reams of paper have been used in efforts to convey to all concerned the full responsibility of those at the supervisory level for the prevention of accidents in construction. Included in supervisory responsibility, and with high priority, is the training of the new employee for the work he or she is to perform.

All too often new employees are hired, given their assignment, and are then expected to perform efficiently and safely without adequate job instruction. Even new employees with previous experience often need retraining and reorientation if job efficiency is to be maintained, for all skills and work habits the worker must possess must be taught to him or her. Training begins when the employee is hired if our efforts are to be most effective.

Who, then, should be responsible for training the new employee? We believe, and it is generally agreed, the logical person to impart the required knowledge and technique required for the job is the safety supervisor or the worker's immediate supervisor. They are in the best position to give actual on-the-job instruction and, in addition, they are persons to whom the employee will be directly responsible. This accomplishes two things: First, it makes for job efficiency and Second, it manifests interest in the employee's welfare.

What should we teach and what procedures should the supervisor follow? Quite logically, the supervisor's task is to instruct the worker on the job to be done so he or she can produce it in as short a time as possible. Yet, safety precautions should be taught by the safety supervisor prior to beginning the job. Specific job hazards should be pointed out in connection with each phase of the job, and instruction should be given on specific safe work practices that will help him avoid these hazards. Poor instruction or none at all results in injuries and production inefficiencies due to the supervisors not organizing all the important parts of the job clearly before actually giving instruction.

Many organizations have found from experience that effective job training is a must if an efficient operation is to be maintained. Proper job training means efficiency with safety. Efficiency and safety get the desired results—quality and production.



Make the RIGHT Choice



Remember to follow site speed limits when driving :

Paved Access road limit is 45 MPH during daylight and 35 MPH during dusk and dark

Slow to 10 MPH when driving past workers

25 MPH is top speed on stabilized dirt roads but slower speeds may be necessary to avoid creating dust.

Be a courteous and Defensive Driver

Drive with your headlights on, Always wear seatbelts and never operate a vehicle or machinery while texting or talking on the phone.

INDIVIDUAL QUALITY MAKES THE DIFFERENCE

QC: The Program Plan

For a QC program to be effective, there must be a planned program of actions. Lines of authority and responsibilities must be established. It documents how personnel will manage and control construction. The program should be geared to fit the contractor's needs.

The plan must include the contractor's system for tracking construction deficiencies to ensure corrective action is taken in a timely manner.

The plan must explain the control, inspection, and test procedures.

The plan must strongly emphasize that quality will be obtained through a preventive type of control of each definable feature of work. This requires an understanding of definable features. The Inspection and Test Plan (I&TP) is a listing of definable features of work.

The QC plan and I&TP must list the tests to be performed, and state who will be responsible for the results, and who will prepare and sign reports.

In this age of rapid change and need for efficiency, we also see an increased emphasis on quality assurance standards such as ISO (International Standardization Organization) certifications. However, the biggest factor we must consider in this age of *more with less*, is how we, as individuals, impact the quality process. Our honor and integrity as human beings needs to be confirmed in our work and everything we do. So, you may ask, how does this apply to safety?

Our personal behavior can determine someone else's fate as well as our own. Failure to do things correctly can jeopardize the health and safety of those around us, as well as our own well being. We must beware of letting mediocrity infiltrate our methods. If our methods do not indicate our best effort, they are not good enough. What we do, how we work, and the standards we set for ourselves, make the difference between success and failure. If we accept mediocrity, we accept failure as a way of life.

Consider the example of an employee at a ship building facility who, at the end of a busy day, left a hammer in the hull of the ship. Fourteen years later, the boat sprung a leak in the middle of the ocean because the hammer wore a hole in the ship's hull over time. The boat sank and lives were lost.

What about the oil that was spilled on the shop floor and wasn't cleaned up right away? A fellow employee, a close friend of yours, comes by moments or hours later, doesn't see the spill, slips and falls. Now he has severe back problems that affect his future, his family, and their quality of life for generations to come. By the way, the expense of that injury also put this small business out of operation, affecting the lives of all the workers and the business owner.

Each time we don't do our best, we accept mediocrity as a way of life. To help set standards of excellence in everything we do we must pay attention to detail. If we don't know the right way to do something, we must ask someone who does. If asked for help, we should take the time to demonstrate how to correctly and thoroughly complete a task. We must make an individual contribution, on a daily basis, to the quality process.

When we set higher individual standards for ourselves and give our best to everything we do, it can make a difference. This helps to protect the finest quality of life this world has to offer.



Make the RIGHT Choice



Incident Investigation & Root Cause Analysis

Date & Time of Incident	January 19 th 2012
Job Number / Location	161068 Blythe Solar Plant
Foreman / Supervisor	Harvey Davila
Person(s) Injured	Josh Brownell
Equipment / Property Damaged	N/A
Field Investigation Team	Rick Fraser, Harvey Davila
Date Field Investigation Began	January 19 th 2012

Incident Description

Josh Brownell, a heavy equipment operator, injured his back while running a Cat 657E scraper on 18 Jan at the Blythe Solar Project.

Brownell worked a full shift on 18 Jan, and called his Foreman, Harvey Davila, prior to the start of shift on 19 Jan. He reported his back was sore and he wanted to take a couple of days off. When asked why he had not reported the condition at the end of shift on 18 Jan, he stated his back was sore but he thought it would be OK.

When questioned about what caused the back injury, Brownell told Davila that he had hit some ruts in the haul road causing the scraper to bottom out which jarred his back. Davila advised Brownell he would have to see a doctor and receive a medical release prior to returning to work.

At 6:00 AM, 19 Jan, Davila advised Rick Fraser, Sukut's site safety coordinator, that the injury had been reported. Rick Fraser called Rick McCourt, Sukut's safety director who called Cecilia Rangel, Sukut's HR director.

Cecilia coordinated medical treatment which began on 19 Jan.

Note: Operators at the site interviewed stated Brownell as driving the scraper aggressively through rough areas.



Incident Investigation & Root Cause Analysis

Timeline of Actions

Date / Time	Describe Event or Action	Facts or Known Information	Assumptions / Questions Remaining
11/14, 11/17, 12/19 & 1/10	Reported the easy ride hitch cushion was bad on machines operated each of the days noted	<ul style="list-style-type: none"> • In all cases, the write-ups were inspected and found to be OK by Sukut's Mechanics 	<ul style="list-style-type: none"> • Did Brownell really know how the easy ride function operates, and how to inspect it? • Was it really the seat improperly adjusted, and did he know how to adjust and/or inspect it? • Should we train Operators who have a history of inaccurate maintenance reports? • Or was this an indicator that he might be traveling too fast over rough sections of the haul road?
1/18/12 - 0630	Daily tailgate and pre task and safety meeting with all employees at the project	<ul style="list-style-type: none"> • Hands on training was provided by Sukut's Mechanic on how to properly adjust the seat • Brownell attended as verified by his signature on the sign-in sheet 	<ul style="list-style-type: none"> •
1/18/12 - ?	Brownell confides his back is sore during morning break	<ul style="list-style-type: none"> • Victor Castaneda, an Operator who was working with Brownell stated Brownell told him during a break on 18 Jan that his back was stiff • Castneda helped stretched his back before they returned to work • Casteneda stated he told Brownell he should slow down when going over rough ground 	<ul style="list-style-type: none"> • Why didn't Castaneda report this to the Foreman? • Is stretching someone's back a common practice at the site?
1/18/12 – 1600?	Brownell hits ruts in haul road	<ul style="list-style-type: none"> • Scrape bottomed out, jarring his back 	<ul style="list-style-type: none"> • Approximate time of incident
1/18/12 - 1630	Brownell finishes his shift with no report of injury.	<ul style="list-style-type: none"> • Brownell did not report his injury at end of shift • Brownell signed end of shift log verifying that he had not been injured during the shift 	<ul style="list-style-type: none"> • Brownell's back was sore but assumed it would get better by morning



Incident Investigation & Root Cause Analysis

1/19/12 - 0400	Brownell reports his back injury to supervisor	<ul style="list-style-type: none"> • Brownell calls Davila to advise he is not coming in to start his shift. • Brownell stated he injured himself the previous day while running 57-60 • Brownell stated he hit some ruts in the haul road causing the scraper to bottom out • Brownell states he drove home and his current location was at his residence in Lake Elsinore, CA • Davila advised Brownell that he would have to have a doctor's release before coming back to the project 	<ul style="list-style-type: none"> • Operators have been told to run their scrapers according to the haul road conditions in pre task morning meetings . . . do they understand this? • Operators have also been told to report injuries immediately . . . do they understand the importance?
1/19/12 - 0600	Davila calls Rick Fraser to report the injury	<ul style="list-style-type: none"> • Fraser calls McCourt who in turn calls Cecilia Rangel to coordinate initial medical treatment 	<ul style="list-style-type: none"> •
1/19/12 - 0900	Rangel coordinates initial medical treatment at US Health Works in Temecula, CA	<ul style="list-style-type: none"> • Diagnosis indicates lower back sprain with authorization to return to duty with modified duty restrictions 	<ul style="list-style-type: none"> • Should a supervisor have driven to Temecula to accompany Brownell at the clinic?
1/27/12 - 1100	Ongoing medical treatment is being provided at the time of this report	<ul style="list-style-type: none"> • Doctor has directed no work; employee is paid TTD until returning 	<ul style="list-style-type: none"> • The claim is delayed pending further diagnosis and review of Brownell's medical records



Incident Investigation & Root Cause Analysis

Direct Causes	
1	Failure to follow instructions, i.e., driving too fast for conditions
2	Ruts on the haul road presented a rough terrain hazard
3	Failure to report injury immediate (before end of shift)

	Policies or Procedures	Training	Management	Preparation & Supervision	Instructions	Interface with Equip & Work Area
1					Driving too fast for the conditions has been and continues to be briefed to the crew – Brownell failed to follow the instructions provided by his supervisor	
2				The Foreman is responsible to ensure the haul road is maintained to minimize hazards for the crew		
3	Brownell failed to report the sore back condition before he left at end of shift					



Incident Investigation & Root Cause Analysis

Conclusions

The injury was preventable. Operators have been repeatedly reminded to travel at safe speeds, and that is a judgment call based on changing conditions throughout the shift. Ruts on the road develop as traffic runs, and the Bee-Gee is directed to refinish damaged road sections. Until the rutted areas are fixed, scraper traffic must slow down to accommodate the rougher than normal conditions.

Brownell also ended the shift with a sore back and did not report this to his Foreman until the following morning before work. At that point he had traveled to his home in Lake Elsinore, CA. He should have reported this before leaving for the day . . . this policy has also been repeatedly briefed to employees at the project.

Root Causes	
2	Ruts on the haul road created an unsafe condition

Corrective Actions Recommended

1. Operators who identify rough road conditions slow down and slow others behind them to limit travel speeds
2. Operators assigned radios request a Bee Gee or Blade to repair damaged area(s) on the haul road
3. Continue emphasis on hazard recognition and traveling at safe speeds with Operators at morning briefings
4. Include specific training emphasis on safe travel speeds, proper seat adjustment and walk-around inspections for all new Operators hired for the project, and cover the policy of slowing down until damaged sections of roads are repaired
5. Remind Operators who observe others running too fast for the conditions to report this to the Foreman so he can take corrective action

ACCIDENT / INCIDENT INVESTIGATION REPORT

(THIS REPORT IS NOT TO BE USED FOR EMPLOYEE WORK RELATED INJURIES)

Name, address and phone number of the company or individual that sustained property damage or injury due to an accident:

STEVEN POSTON W/ Anderson Drilling
603 MARSH Creek ct 6115 Boulder Hwy.
Henderson, NV 89002 LAS Vegas, NV 89122

Use another sheet of paper if necessary

Date of A/I: 1-12-2012 Time of A/I: 3:30 pm

Location where A/I took place: Solar Field #1 Block #6

Description of injury or property damages:

while shoveling around drill rig Steven
Felt pull/strain in groin area. says
he felt lump that night.
Came to work 1-13-12 and had trouble
shoveling.
Anderson Supt. sent Steven to Clinic at 11:30 am

Use another sheet of paper if necessary

What equipment, materials or chemicals were involved in the A/I:

N/A

Use another sheet of paper if necessary

Were the police contacted? _____ Yes No N/A

Name of Officer: _____

Badge#: _____ Report#: _____ Phone #: _____

Was anyone injured? Yes _____ No Property Damage? _____ Yes No

Was 911 Contacted? _____ Yes No Was OSHA Contacted? _____ Yes No

Were photos taken? _____ Yes No

All film and photographs taken at the A/I are to be turned in to the Company Safety Director.

Did anyone witness the A/I ? _____ Yes _____ No

Take witness statements on a separate sheet. The following information should be provided. Name, Address, Phone/Cell Number, Date, Occupation, Years of Experience and a detailed statement of what happened.

Names of Witnesses: _____

Use another sheet of paper if necessary

Was another company/Individual responsible or play a role in the A/I? _____ Yes _____ No

If Yes - Name(s), phone number(s) and address(s) of company(s) or individual (s).

Use another sheet of paper if necessary

What measures have been implement to prevent this type of A/I from reoccurring.

will access AFTER Doctor/Clinic gives us results of visit.

another sheet of paper if necessary

Additional comments, recommendations or explanations: _____

Use another sheet of paper if necessary

Names and phone #'s of all individuals who participated in the investigation:

*Moki Markus. cell # 702-429-9001
Superintendent. Anderson Drilling*

Use another sheet of paper if necessary

[Signature] _____ 1/13/2012
Supervisor Signature Date

Who was the A/I reported to in the Company? *Pat Walsh, Roy Lennon*

Date and time A/I was reported? *1/13/12 @ 6:30 am*

9:45 am couldn't work any more.

Employee Report of Incident

-Please Print-

Type of incident: Injury/Illness Equipment/Vehicle Damage Property Loss or Damage Other

Employee Name: Steven Poston
Address: 603 Marsh Creek Ct. Henderson NV 89002
Home Phone: 702-508-6189 Specific Body part Injured: groin
Date of Incident: 1-12-12 Time of Incident: 3:30 AM/PM
Project Name: Largo - Solar energy field
Reported Incident to: mom When? 6:00 Am. 1-13-12
Weather Conditions: Sunny Temperature: 70's
Witness: _____

Was safety equipment used at the time of incident? (hardhat, safety glasses, gloves, respirator, etc.)? Explain:

Yes

Where on the jobsite did the incident occur? (i.e.: pipe excavation, north bridge, etc.):

#1 Pad hole 45-55 APX.

Description of Incident:

Shoveling felt pull/strain in groin. Felt lump that night.
returned to work on 1-13-12 and had trouble shoveling

What could have been done to prevent this incident?

more help / skip loader

If incident involved an Anderson Drilling vehicle/equipment, give unit number and describe damage and estimate to repair:

Supervisor Signature: _____

Date: 13 JAN 12 Pci

This form must be submitted with Employee Report of Incident to Corporate Safety Director

Supervisor Report of Incident

-Please Print-

Type of incident: Injury/ Illness Equipment/Vehicle Damage Property Loss or Damage Other

Supervisor Name: Noki Today's Date: 13 JUN 12
Project Name: LARGO CONCRETE Job Number: 4401330
Date of Incident: 12 JUN 12 Date Supervisor Notified: 13 JUN 12
Employee(s) Involved: STEVEN PORTON

Where on the jobsite/shop did the incident occur? (i.e.: pipe excavation, north bridge, etc.):
Block 5 CRONIS SOLAR

Description of Incident:
POSSIBLE HERNIA, PULLED AGAIN

Employee Drug Tested YES NO If no, why?

Safety Director/Manager Notified YES NO Date/Time: 13 JUN 12 (1135) If no, why?

Police Involved? YES NO Authority Contacted:

Name: Phone Number:

Cause of Incident:
SHOVELING DIRT

Action to Prevent Reoccurrence:
off WORK HOLD, SKIP LADDER DRAG, BURN

Supervisor Signature: [Signature] Date: 13 JUN 12 Kri

This form must be submitted with Employee Report of Incident to Corporate Safety Director



Supervisor's Accident Investigation Report

Date of Accident 1-30-12 Time 10:40 am AM PM

Job Number 161068 Location Blythe Solar

Equipment No 57-56 Type Middle upper back

Responsible Party for Damage / Injury Caused Rayne Central

Injury to Employee Yes No Name Rayne Central

Unsafe Conditions Unsafe Work Practices

Explain What Happened Stiff seat in scraper 57-56 noticed stiffness right side upper back.

Describe Injury / Damage Stiff upper back right side shoulder area.

Describe Injured Body Parts Middle upper back & Neck

Employee's Explanation Wrote up stiff seat in scraper ran it Monday Jan 30 2012 pulled into line up 10:40 sore neck.

Contributing Factors Not telling Foremen that seat was still stiff.

Explain Corrective Actions Taken Do not operate machines if something is not working properly!

Ideas on Preventive Measures Get the operators to buy into not running equipment that's not working properly.

List Witness Names Noam Anderson

Report Completed By TJR Fraser Date 1-30-12

Management Review By [Signature] Date 1/31/12



Statement for the Record

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

ON January 30 2012 I received a radio call from Neam Anderson. Neam told me that an operator came in from the spread stated he had a stiff seat and his neck was sore. I drove over to the line up and spoke with the operator about his machine. Dawyne stated his neck was sore, so then I informed him we would get him checked out. Neam Anderson then started checking the seat on 57-56. Determined that the seat was in working order. I contacted Cecilia Bough Rick McCort and Gary Mann. Dawyne Control was evaluated by On-Site Health & Safety and determined to be returned to work. He is currently on light duty for the next couple of days.

(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 Finson

Date: 1-31-12

Signature: [Signature]

1108 - Statement for the Record Form

White Copy - OFFICE Yellow Copy - EMPLOYEE



Statement for the Record

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

THURSDAY WAS SORE ROTE UP SLIP FOR STIFF SEAT WENT TO WORK FLY DAY WAS SORE BUT BY THE END ^{4HR} OF DAY WAS IN PAIN ROTE UP SLIP FOR STIFF SEAT WENT TO WORK MONDAY WAS HARTENING TOOK SOME ASPAIN BUT PAIN GOT WORSE WENT TO HAVE MACANICK CHECK SEAT AND TOLD THEM MY NECK WAS HURTING SO BAD I GOT A HEADACHE REAL BAD IF THEY MAKE SHER MY SEAT WOULD WORK RIGHT THEY TOL ME TO STOP

(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: DWAYNE CENTRO

Date: 1 30 12

Signature: [Handwritten Signature]

ON-SITE HEALTH & SAFETY

520 6TH Street, Rodeo, CA 94572
Phone 866-998-2750

INCIDENT RESPONSE REPORT

DATE: 1-30-12

EMPLOYEE NAME: DWAYNE CENTRO PHONE: (951) 847-0772

COMPANY: SUKUT SUPERVISOR: HARVEY

RECOMMENDATION AFTER FIRST AID ASSESMENT:

RETURN TO WORK AS DIRECTED

SEE MD FOR FURTHER EVALUATION

TECHNICIAN NAME: R CASTILLO

First Aid report will be sent to your company representative. If you have any questions, please call our office.

Genesis Solar Energy Project

January 19, 2012

This is documentation from interview of affected workers of an incident where a scraper encroached within a monitor's workspace.

This document is to serve as a review for a field action where a Cultural Monitor was cataloging and recording data at a site inside the active civil dirt work area when a scraper came within 10-12 feet close to the monitor.

Cultural monitor Julie Roy had been cataloging sites as her task for the past few days. The written procedure for this is to have a second monitor present to watch as the monitor focuses on the task.

The manpower was dispersed and a second monitor was unavailable so Julie took it upon herself to use her vehicle parked between the site and scraper traffic to show her presence. She then worked in front of her vehicle to catalog the site.

While carrying out her task she looked up to see a scraper within 10-12 feet going past. This angered Julie as she needed to be able to concentrate on her work without the distraction of having to look out for scrapers at the same time.

It is by procedure that equipment does not operate closer than 30 feet to monitors in the field. This procedure is reinforced frequently and all Sukut operators and all monitors are aware of the procedure.

Julie stated Dee Watson, watching from a distance phoned Julie at that time and asked if she had experienced a near miss. Julie continued that at that time she was angry that the operator had encroached within the limited boundary. Julie stated she did not feel the incident was a near miss or that she was in danger but she was angry at the action.

Sukut will develop a new procedure before the next start of work that will ensure safe distance for the monitors.

Appendix G

Miscellaneous Submittals and Information

Genesis Daily Site Report

January 3, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Sukut Safety to move porta-jon to accommodate monitors. Blythe Power held orientation for foremen. Site speed limits were discussed with contractors.

Safety Topic of the Week: "Individual Quality Makes the Difference"

Weather Conditions: Sunny, Temp – High 73; No Winds

Site Compliance: A broken sprinkler head created minor ponding water over the weekend and has since been addressed. BPC had a minor hydraulic leak which was cleaned up immediately.

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 continues in Blocks 7 and 8 of Unit 1.
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. Continued installation of electric fence on the on the existing tortoise fence.
5. Largo (K013): Continued drilling with one rig and pouring caissons in Unit 1 Block 5. Unloaded rebar cages and a load of anchor bolts. Started lay-out in Unit 1 Block 6.
6. Blythe Power Constructors (K100): BPC continued to prepare to receive materials and finished Jig installation.
7. PAR (K012): Crews set power poles in corridor and Solar Field Unit 2.
8. Trailer City: Pulled and terminated cable to the main 10 wide complex.



Personnel on Site-

Genesis Team – 14

NAM - 6

Sukut (K010) –5

Sukut (K008) - 36

PSI Testing (K007) - 2

Terracon – 1

MC Industrial (K018) – 2

AECOM – 7

SWCA-3

Guardsmark (K005) – 3

Largo (K013) – 50

Blythe Power (K100) – 8

BATZ – 0

PAR (K012) - 17

Sener – 0

Genesis Daily Site Report

January 4, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries. All site personnel were notified of new access route for vehicle traffic. Genesis Safety met with BPC Safety to discuss new eye protection, foremen and proper JHA. Largo site was well organized and proper PPE

Safety Topic of the Week: "Individual Quality Makes the Difference"

Weather Conditions: Sunny, Temp – High 78; Wind- 3 mph NNE

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 & 5 of Unit 2. Finish grade continues in Blocks 7 and 8 of Unit 1.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the on the existing tortoise fence.
4. Largo (K013): Resumed drilling with the second rig. Pouring of caissons in Unit 1 Block 5 is at 50% completion. Unloaded rebar cages. Continued lay-out in Unit 1 Block 6.
5. Blythe Power Constructors (K100): BPC continued to receive materials and finished jig installation.
6. PAR (K012): Crews continued to set power poles in corridor and Solar Field Unit 2.
7. Trailer City: Continued pulling wire to the contractor's trailers. Two ramps were installed today at the main trailer complex. Generator is being delivered tonight.



Personnel on Site-

Genesis Team – 14

NAM - 6

Sukut (K010) –9

Sukut (K008) - 36

PSI Testing (K007) - 2

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 50

Blythe Power (K100) – 8

BATZ – 2

PAR (K012) - 17

William Scotsman-3

Genesis Daily Site Report

January 5, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries. BV Safety made a site visit with a focus on PPE.

Safety Topic of the Week: "Individual Quality Makes the Difference"

Weather Conditions: Sunny, Temp – High 74; Wind- 5 mph NNE

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 Blocks 4 & 5 of Unit 2. Finish grade continues in Block 8 of Unit 1.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the existing tortoise fence.
4. Largo (K013): Continued drilling & pouring caissons in Unit 1 Block 5. Unloaded rebar cages. Continued lay-out in Unit 1 Block 6
5. Blythe Power Constructors (K100): BPC continued to receive materials and finished jig installation.
6. PAR (K012): Crews continued to set power poles in corridor and Solar Field Unit 2.
7. Trailer City: Continued pulling & terminating wire.



Personnel on Site-

Genesis Team – 14

NAM - 6

Sukut (K010) –9

Sukut (K008) - 36

PSI Testing (K007) - 2

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 50

Blythe Power (K100) – 8

BATZ – 2

PAR (K012) - 17

Genesis Daily Site Report

January 6, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Genesis Safety discussed onsite safety requirements with BPC component delivery personnel.

Safety Topic of the Week: "Individual Quality Makes the Difference"

Weather Conditions: Sunny, Temp – High 73; Wind- 2 mph S

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 Blocks 4 & 5 of Unit 2. Finish grade continues in Block 8 of Unit 1.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the existing tortoise fence.
4. Largo (K013): Continued drilling & pouring caissons in Unit 1 Block 5. Unloaded rebar cages. Continued lay-out in Unit 1 Block 6
5. Blythe Power Constructors (K100): BPC continued to receive materials and finished jig installation.
6. PAR (K012): Crews continued to set power poles in corridor and Solar Field Unit 2.
7. Trailer City: Continued pulling & terminating wire.



Personnel on Site-

Genesis Team – 14

NAM - 6

Sukut (K010) –9

Sukut (K008) - 39

PSI Testing (K007) - 2

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 50

Blythe Power (K100) – 8

BATZ – 2

PAR (K012) - 17

Genesis Daily Site Report

January 9, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Discussions were held with BPC and Par Safety regarding delivery drivers PPE. Orientations were held for PAR laborers and the Safety Coordinator.

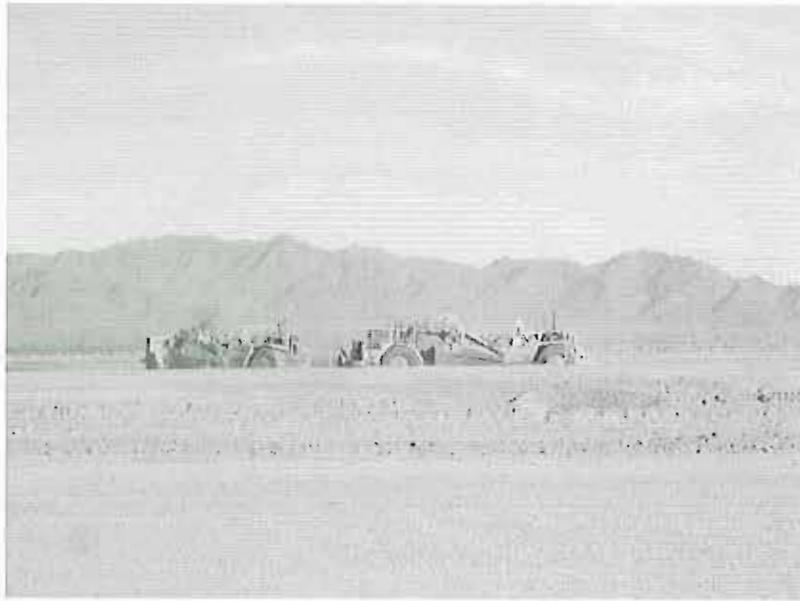
Safety Topic of the Week: "Individual Quality Makes the Difference"

Weather Conditions: Sunny, Temp – High 70; Wind-7 mph NNE

Site Compliance: Ponding water was observed in Solar Field Unit 2. Overnight watering will no longer be allowed until further notice.

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 Blocks 4 & 5 of Unit 2. Finish grade continues in Block 8 of Unit 1.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the existing tortoise fence.
4. Largo (K013): Continued drilling & pouring caissons in Unit 1 Block 5. Unloaded rebar cages. Continued lay-out in Unit 1 Block 6
5. Blythe Power Constructors (K100): BPC continued to receive materials and finished jig installation.
6. PAR (K012): Crews continued to set power poles in corridor and Solar Field Unit 2.
7. Trailer City: Continued pulling & terminating wire.



Personnel on Site-

Genesis Team - 12

NAM - 6

Sukut (K010) - 9

Sukut (K008) - 39

PSI Testing (K007) - 2

Terracon - 1

AECOM - 8

SWCA-2

Guardsmark (K005) - 3

Largo (K013) - 50

Blythe Power (K100) - 9

BATZ - 2

PAR (K012) - 21

Sener-1

Genesis Daily Site Report

January 10, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Safety Topic of the Week: "Individual Quality Makes the Difference"

Weather Conditions: Sunny, Temp – High 69; Wind-5 mph E

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 Blocks 4 & 5 of Unit 2. Finish grade continues in Block 8 of Unit 1.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the existing tortoise fence.
4. PAR (K012): Crews began stringing wire along the access road continued to set power poles in corridor Solar Field Unit 2.
5. Largo (K013): Continued drilling & pouring caissons in Unit 1 Block 5. Continued to unloaded rebar cages and layout in Unit 1 Block 6.
6. Blythe Power Constructors (K100): BPC continued to receive materials and finished jig installation.
7. Trailer City: The Trailer City Fire Protection Plan received approval today. Crews continued to terminate wire. The Trailer City Generator is scheduled to be operational tomorrow.



Personnel on Site-

Genesis Team – 12

NAM - 6

Sukit (K010) –9

Sukit (K008) - 40

PSI Testing (K007) - 2

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 59

Blythe Power (K100) – 9

BATZ – 2

PAR (K012) – 21

Sener-1

Genesis Daily Site Report

January 11, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries. BV safety made a site visit. One employee was observed driving while talking on a cell phone. Debris was stacked for disposal at the Assembly Building with protruding nails. These items were discussed and addressed by the contractors.

Safety Topic of the Week: "Job Training is a Must"

Weather Conditions: Sunny, Temp – High 71; Wind-6 mph SSE

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 continued in Blocks 9 & 4 of Unit 2 and fill placement continued in Block 5 of Unit 2.
 2. Finish grade continues in Block 8 of Unit 1.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the existing tortoise fence.
4. PAR (K012): Crews began stringing wire along the access road continued to set power poles in corridor Solar Field Unit 2.
5. Largo (K013): Continued drilling & pouring caissons in Unit 1 Block 5. Continued to unloaded rebar cages and layout in Unit 1 Block 6.
6. Blythe Power Constructors (K100): BPC continued to receive materials.
7. Trailer City: Crews unloaded furniture in the main 10-plex.



Personnel on Site-

Genesis Team – 12

NAM - 6

Sukut (K010) –9

Sukut (K008) - 40

PSI Testing (K007) - 2

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 59

Blythe Power (K100) – 9

BATZ – 2

PAR (K012) – 21

Sener-1

Genesis Daily Site Report

January 12, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries. Genesis Safety Management met with Riverside County Fire Department to review well operating procedures.

Safety Topic of the Week: "Job Training is a Must"

Weather Conditions: Sunny, Temp – High 64; Wind- 7 mph N

Site Compliance: No Issues.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 and 2 of Unit 2. Fill preparation and fill placement continued in Block 5 of Unit 2. Finish grade continues in Block 8 of Unit 1.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the existing tortoise fence.
4. PAR (K012): Crews continued stringing wire along the access road continued to set power poles in corridor Solar Field Unit 2.
5. Largo (K013): Finished drilling in Block 5 Unit 1 and began drilling in Block 6 Unit 1. Pouring caissons in Unit 1 Block 5 resumed. Continued to unloaded rebar cages and layout in Block 6 Unit 1.
6. Blythe Power Constructors (K100): BPC continued jig test with first two torque tubes and arins.
7. Trailer City- Began wiring 10-plex trailer for data connections and set up an additional double wide trailer.



Personnel on Site-

Genesis Team – 13

NAM - 6

Sukut (K010) –9

Sukut (K008) - 40

PSI Testing (K007) - 3

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 59

Blythe Power (K100) – 16

BATZ – 2

PAR (K012) – 21

Sener-1

Williams Scotsman-5

Total People Onsite- 189

Genesis Daily Site Report

January 13, 2012

Safety: An Employee of Largo subcontractor Anderson Drilling felt pain in his stomach when hand shoveling drill cuttings. The employee was taken to the doctor and diagnosed with a strained abdomen muscle. He was released for duty the same day and was not prescribed medication. This incident is first-aid only.

Riverside County Fire Department was onsite today to test the compatibility of connections at well zero. The drill included spending the water from the truck tank and refilling from well zero. All went as planned.



Safety Topic of the Week: "Job Training is a Must"

Weather Conditions: Sunny, Temp – High 69; Wind- 10 mph N

Site Compliance: No Issues.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 and 2 of Unit 2. Fill preparation continued Block 5 Unit 2. Fill placement continued in Block 4 of Unit 2. Finish grade moved to Block 1 Unit 2.
2. 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.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of electric fence on the existing tortoise fence. Crews began layout of Trailer City parking lot.
4. PAR (K012): Crews continued stringing wire along the access road continued to set power poles in corridor Solar Field Unit 2.

5. Largo (K013): Continued Layout, unloading rebar cages & drilling caisson holes in Unit 1 Block 6. There were some mechanical issues at the batch plant so pouring of caissons in Block 5 started around noon. Largo will have pour crews and layout crews working tomorrow to make up for lost production today.
6. Blythe Power Constructors (K100): BPC completely assembled first two SCE's.
7. Trailer City- Continued wiring 10-plex trailer for data connections and set up an additional double wide trailer.



Personnel on Site-

Genesis Team – 14

NAM - 6

Sukut (K010) –9

Sukut (K008) - 40

PSI Testing (K007) - 3

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 59

Blythe Power (K100) – 16

BATZ – 2

PAR (K012) – 21

Sener-1

Total People Onsite- 185

Genesis Daily Site Report

January 16, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Largo all hands Safety meeting was held this morning. The agenda included debris containment and removing all trash from vehicles daily at the end of shift, emergency rescue at the caisson holes. They also addressed the need to communicate with the utility vehicle operator before using the facility in tow. Signs were also placed on the doors of facilities to this effect.

Safety Orientation for Newtron QC and Superintendent.

Safety Topic of the Week: "Look Before You Leap"

Weather Conditions: Sunny, Temp -- High 69; Winds SW at 15 mph

Site Compliance: No issues.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 and 2 of Unit 2. Fill preparation continued in Block 5 of Unit 2 and fill placement continued in Block 4 & 5 of Unit 2. Finish grade worked in Block 1 of Unit 2.
2. 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 & 6.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities continued. Continued installation of the electric fence on the on the existing tortoise fence.
4. Largo (K013): Finished pouring caissons in Unit 1 Block 5 and started in Block 6. Continued drilling, unloaded rebar cages, and lay out in Unit 1 Block 6. Started removal of the test caissons in Unit 2.



5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Crews continued stringing transmission cable and worked on the transformer stub up pad.
7. Newtron (K014): Had safety training and site visit.
8. Trailer City: Started installation to receive temporary internet.

Personnel on Site-

Genesis Team ~ 16

NAM - 6

Sukut (K010) -6

Sukut (K008) - 40

PSI Testing (K007) - 3

Terracon - 1

AECOM - 8

SWCA-2

Guardsmark (K005) - 3

Largo (K013) - 66

Williams Scotsman - 0

Blythe Power (K100) - 11

BATZ - 2

PAR (K012) - 21

Sener - 1

Newtron - 2

Total People Onsite - 191

Genesis Daily Site Report

January 17, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Report of vehicle driving too fast during the morning commute.
The individual was contacted and warned.

Safety Topic of the Week: "Look Before You Leap"

Weather Conditions: Sunny, Temp – High 65; Light Winds from the East

Site Compliance: Backfilled Den 21 today from dig out that occurred Last Friday. Discovered a deceased kit fox along the linear corridor.

Items completed and working:

1. Site Preparation (K008): Sukut continued cut operations in Blocks 1-3, with fill placement in Blocks 4 and 5 of Unit 2. Fill preparation continued in Block 5 of Unit 2. Finish grade continued in Block 1 of Unit 2, and final touch-up in Block 8 of Unit 1.
2. 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 & 6.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing. Continued installation of the electric fence on the on the existing tortoise fence.
4. Largo (K013): Continued pouring caissons, drilling, unloaded rebar cages, and lay out in Unit 1 Block 6. Largo was out of anchor bolts this morning but received two loads of by mid morning. Finished removal of the test caissons in Unit 2.



5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Crews continued stringing transmission cable and worked on the transformer stub up pad.
7. Newtron (K014): Continued preplanning activities. Should be mobilizing some equipment tomorrow.
8. Trailer City: Finished installation to receive temporary internet. Set-up of the double wide that was delivered last week was finished today.

Personnel on Site-

Genesis Team – 12

NAM - 6

Sukut (K010) –6

Sukut (K008) - 44

PSI Testing (K007) - 3

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 66

Williams Scotsman – 4

Blythe Power (K100) – 16

BATZ – 2

PAR (K012) - 21

Sener – 1

Newtron – 2

Total People Onsite - 197

Genesis Daily Site Report

January 18, 2012

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Site orientation for Charles Griffin Bureau Veritas and Newtron Foremen.

John Cravy Site Visit.

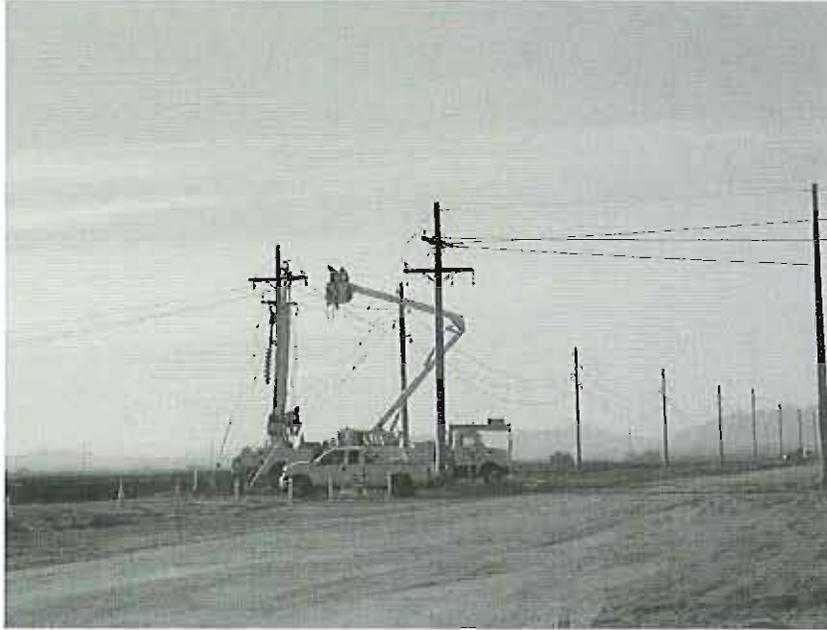
Safety Topic of the Week: "Look Before You Leap"

Weather Conditions: Sunny, Temp – High 66; Winds ESE 0-5 mph

Site Compliance: Two kit foxes were captured outside of the solar fields. They were vaccinated and had radio collars attached to them. Artifacts were found in block 3. Site Cultural monitors are conducting shovel testing for site evaluation.

Items completed and working:

1. Site Preparation (K008): Sukut continued cut operations in Blocks 1 &2, with fill placement in Blocks 4 and 5 of Unit 2. Fill preparation continued in Block 5 of Unit 2. Finish grade continued in Block 1 of Unit 2.
2. 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 6.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing. Continued installation of the electric fence on the on the existing tortoise fence.
4. Largo (K013): Continued pouring caissons, drilling, unloaded rebar cages, and lay out in Unit 1 Block 6. Finished recompacting the area where the test caissons were removed in Unit 2.
5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Crews continued pulling transmission cable working and working on the soil compaction under the 161 KV line crossing.



7. Newtron (K014): Put 3 individuals thru orientation. First day of receiving tools & equipment.
8. Trailer City: No major activities occurred today.

Personnel on Site-

Genesis Team – 12

NAM - 6

Sukut (K010) –6

Sukut (K008) - 44

PSI Testing (K007) - 3

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 71

Williams Scotsman – 0

Blythe Power (K100) – 18

BATZ – 2

PAR (K012) - 21

Sener – 6

Newtron – 5

Total People Onsite - 212

Genesis Daily Site Report

January 19, 2012

Safety: No accidents or injuries. There was an action in the Sukut Civil Dirt work area where a scraper encroached inside the 30 ft procedure limit and was within 10 ft of a monitor busy cataloging a site. Work was halted to investigate and it was determined that the operator had encroached upon the site policy distance limit for equipment operating in areas with monitors. The operator was terminated and Sukut is reinforcing the site policy in the morning with all employees.

John Cravy with NextEra was on Site today.

Safety Topic of the Week: "Look Before You Leap"

Weather Conditions: Sunny, Temp – High 66; Winds SSW 5 mph

Site Compliance: CDF&G captured two more kit foxes today and outfitted one with a radio transmitter collar in the linear corridor. Trapping is complete for the Genesis site. The DB is to monitor the collared animals several times a week checking the "mortality" signal from the transmitters. Artifacts discovered in block 3 yesterday are still under investigation. Site Cultural monitors discovered another site today in Block 2 and is taped off for further evaluation.



Items completed and working:

1. Site Preparation (K008): Sukut continued cut operations in Blocks 1 &2, with fill placement in Blocks 4 and 5 of Unit 2. Fill preparation continued in Block 5 of Unit 2. Finish grade continued in Block 1 of Unit 2.
2. 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 6.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing. Continued installation of the electric fence on the on the existing tortoise fence.
4. Largo (K013): Continued pouring caissons, drilling, unloaded rebar cages, and lay out in Unit 1 Block 6. Largo has been working 10 hour days in leau of 8 hour days and will be off Friday and Monday to give crews an extended weekend. Expecting a Bolt delivery Tuesday.
5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Crews continued pulling transmission cable. Completed soil compaction efforts under the 161 KV line crossing. Poured concrete pad and started underground work south of the office complex.



7. Newtron (K014): Continued preplanning activities.
8. Trailer City: Temporary internet was established today. Worked on small punchlist items. Anticipating a final inspection on Tuesday morning.

Personnel on Site-

Genesis Team – 12

NAM - 6

Sukut (K010) –6

Sukut (K008) - 44

PSI Testing (K007) - 3

Terracon – 1

AECOM – 8

SWCA-2

Guardsmark (K005) – 3

Largo (K013) – 71

Williams Scotsman – 0

Blythe Power (K100) – 14

BATZ – 2

PAR (K012) - 21

Sener – 6

Newtron – 5

Total People Onsite - 208

Genesis Daily Site Report

January 23, 2012

Safety: No accidents or injuries. Low work activities today

Safety Topic of the Week: "Hazard Communication"

Weather Conditions: Cloudy w/ late afternoon rain, Temp – High 70; Winds SSW 14 mph

Site Compliance: The bone fragment discovered Friday was investigated by an osteology expert and the Riverside County Coroner and was determined to be non-human and the barricade was removed and the area and reopened.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Blocks 2 and 3 of Unit 2 with fill being placed in Block 4. Fill preparation is making good progress and is currently in Block 10 of Unit 2.
2. Finish grade continued with two motor graders in Blocks 2 and 3 of Unit 2.



2. PSI (K007): Performed field density testing in Solar Field Unit 2.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing. Continued installation of the electric fence.
4. Largo (K013): No work activities today. Will resume with a partial crew tomorrow.
5. Blythe Power Constructors (K100): BPC continued to receive materials.

6. PAR (K012): Clipped in and sagged Transmission cable. Pulled the 750 mcm cable under the 171 variance. Set transformer on pad at the office complex and started setting the 300 amp panel components.
7. Newtron (K014): Received the bare copper grounding cable.
8. Trailer City: Worked on small punchlist items. Anticipating a final inspection on Tomorrow.

Personnel on Site-

Genesis Team	18
NAM	6
Sukut (K010)	6
Sukut (K008)	44
PSI Testing (K007)	3
Terracon	1
AECOM	8
SWCA	2
Guardsmark (K005)	3
Largo (K013)	6
Williams Scotsman	1
BPC (K100)	15
BATZ	2
PAR (K012)	21
Sener	1
Newtron	5
Total	142

Genesis Daily Site Report

January 24, 2012

Safety: No accidents or injuries.

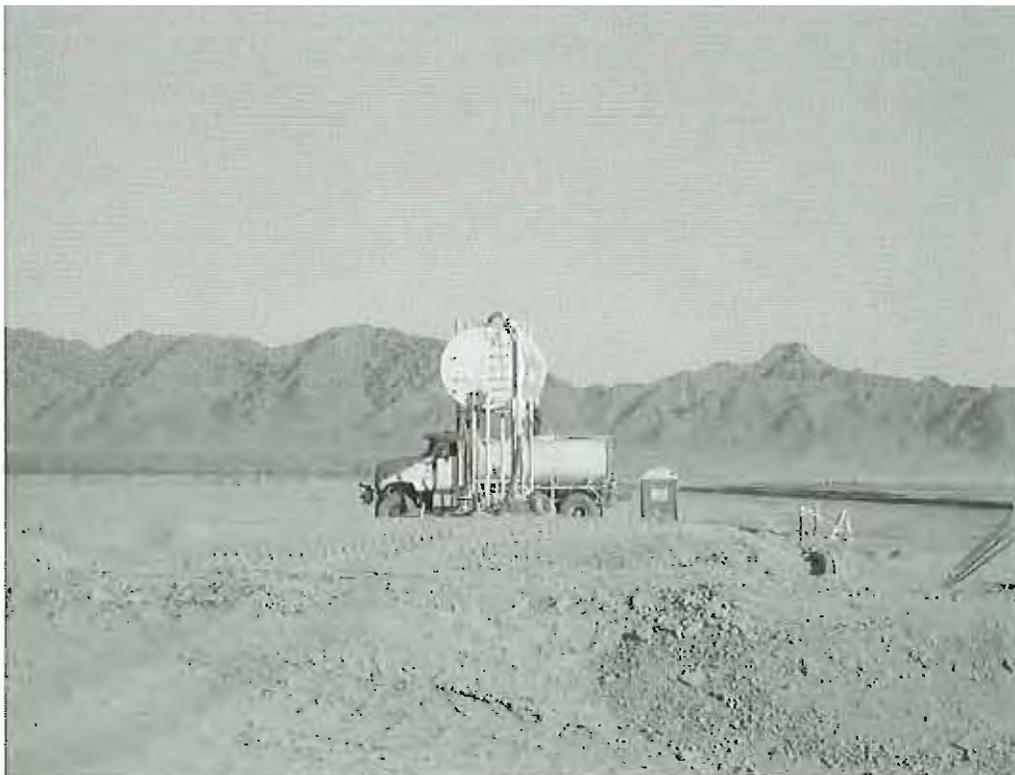
Safety Topic of the Week: "Hazard Communication"

Weather Conditions: Sunny, Temp – High 67; Winds N 24 mph; Humidity 29%

Site Compliance: A shovel test was performed in the newly discovered site and upon examination the area will be reopened to continue work.

Items completed and working:

1. Site Preparation (K008): At Sukut's weekly meeting today the topic of scraper operation/monitor procedure was discussed. Cut and fill operations were suspended due to high winds. Fill preparation continued in Block 10 of Unit 2. Finish grade continued in Blocks 2 & 3 of Unit 2 and the channels. Channel BC crossing foundation excavation started and will move to Channel D crossing tomorrow.
2. PSI (K007): Performed field density testing in Solar Field Unit 2.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing. Continued installation of the electric fence.



4. Largo (K013): Performed drilling, lay out & stripping forms from last Thursday's pours. Back up drill rig arrived today. Will continue pouring concrete tomorrow.



5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Made up dead end drops at the 161 voltage variance, and beginning demobilization of equipment. In process of setting up 3000 amp panel. Completing compaction of underground.
7. Newtron (K014): Received 4 truckloads of wire and cable. Continuing with project contract documentation to support SDDR.
8. Trailer City: Worked on punch list items. Final inspection pushed to tomorrow.

Personnel on Site-

Genesis Team	18
NAM	6
Sukut (K010)	6
Sukut (K008)	22
PSI Testing (K007)	3
Terracon	1
AECOM	8
SWCA	1
Guardsmark (K005)	3
Largo (K013)	34
Williams Scotsman	0
BPC (K100)	15
BATZ	2
PAR (K012)	14
Sener	1
Newtron	5
Total	139

Genesis Daily Site Report

January 25, 2012

Safety: No accidents or injuries. BV Safety was onsite with no issues. A meeting with Cody Bryant and Blythe Power Constructors Project Manager and Safety Manager to discuss job start up was held.

Safety Topic of the Week: "Hazard Communication"

Weather Conditions: Sunny, Temp – High 76; Winds NNE 25 mph with gusts to 40 mph; Humidity 14%

Site Compliance: Eric Veerkamp with the CEC made a site visit today. A BLM field representative also made a site visit today.

Items completed and working:

1. Site Preparation (K008): Cut operations commenced a shrinkage/subsidence test plot area in Block 8 with fill being placed in Block 10 of Unit 2; operations stopped at 10:00am due to high wind conditions. Fill preparation continued in Block 10, and finish grade at the channels in Blocks 2 & 3 of Unit 2; both operations were suspended at 12:00pm today due to high wind conditions. Channel BC entrance excavation continued and will move to Channel D tomorrow.



2. PSI (K007): Performed field density testing in Solar Field Unit 2.

3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing. Continued installation of the electric fence.
4. Largo (K013): Continued pouring caissons, drilling, and layout in Block 6 of Unit 1. Held all hands meeting today and reinforced safety and compliance topics.
5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Setting of 300 amp panel and bolt up. Making bus terminations. Laying in and terminating transformer feeders. Set up bucket truck to support pole number 219 to support excavation and placement of foundation by Sukut at waste water diversion channel.
7. Newtron (K014): Offloading wire and cable.
8. Trailer City: Occupancy of the main office complex was granted today and a minor punch list was developed. Started installing the handicap parking spaces, and replaced a belt on the large generator that is supplying power to the complex.

Personnel on Site-

Genesis Team	18
NAM	7
Sukut (K010)	6
Sukut (K008)	52
PSI Testing (K007)	3
Terracon	1
AECOM	11
SWCA	2
Guardsmark (K005)	3
Largo (K013)	34
Williams Scotsman	0
BPC (K100)	15
BATZ	2
PAR (K012)	6
Sener	3
Newtron	5

Total **168**

Genesis Daily Site Report

January 26, 2012

Safety: No accidents or injuries. A Sukut employee made an undesirable gesture to a monitor working in the same area, after Sukut investigated and followed their zero tolerance policy for this type of behavior, the employee was discharged.

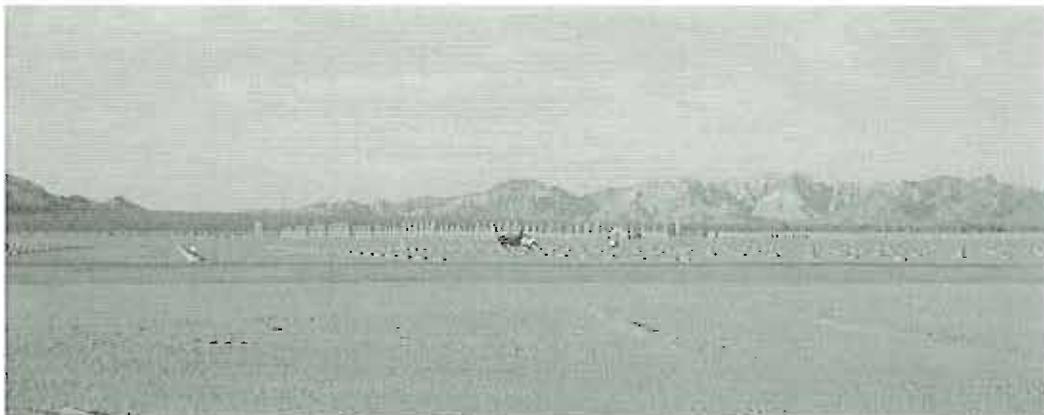
Safety Topic of the Week: "Hazard Communication"

Weather Conditions: Sunny, Temp – High 76; Winds calm; Humidity 23%

Site Compliance: A BLM field representative also made a site visit today to observe cultural resource management and was pleased with the recent changes.

Items completed and working:

1. Site Preparation (K008): Cut operations completed a shrinkage/subsidence test plot area in Block 8 with fill being placed in Block 10 of Unit 2; operations moved back to Block 2 of Unit 2. Fill preparation continued in Block 10, and finish grade at the channels and in Blocks 2, 3, and 4 of Unit 2. Channel BC entrance excavation completed and moved to Channel D.
2. PSI (K007): Performed field density testing in Solar Field Unit 2.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing. Continued installation of the electric fence.
4. Largo (K013): Continued pouring caissons and drilling in Block 6 of Unit 1. Started layout in Block 7 of Unit 1.



5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Setting of 300 amp panel and bolt up. Making bus terminations. Laying in and terminating transformer feeders. Hauling equipment off site.
7. Newtron (K014): Offloading wire and cable.
8. Trailer City: Completed installation of the A. D. A. parking spaces.
9. An RFP Explanation Meeting for K102 – HCE Installation and Alignment was held in the Blythe Office and all attendees performed a site walk.

Personnel on Site-

Genesis Team	19
NAM	7
Sukut (K010)	6
Sukut (K008)	48
PSI Testing (K007)	3
Terracon	1
AECOM	11
SWCA	2
Guardsmark (K005)	3
Largo (K013)	55
Williams Scotsman	0
BPC (K100)	15
BATZ	2
PAR (K012)	6
Sener	3
Newtron	5
Total	186

Genesis Daily Site Report

January 27, 2012

Safety: No accidents or injuries.

Safety Topic of the Week: "Hazard Communication"

Weather Conditions: Mostly Sunny, Temp – High 77; Winds North at 25 to 35 mph with gusts to 60 mph; Humidity 19%

Site Compliance: John Kalish with the BLM made a site visit today.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 2 of Unit 2 with fill being placed in Block 5. Fill preparation continued in Blocks 9 and 10 of Unit 2. Finish grade continued in Blocks 2 and 3 of Unit 2 and the Channels. Channel D crossing excavation continued and is scheduled to complete on Monday. All operations were suspended and 10:30 am due to high wind conditions. Saturday's work has also been suspended due to the forecasted high winds.



2. PSI (K007): Performed field density testing in Solar Field Unit 2.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing.

4. Largo (K013): Continued pouring caissons and drilling in Block 6 of Unit 1. Layout in Block 7 of Unit 1. No concrete was poured today and no templates were set due to the lack of bolts onsite. Block 6 is 40% complete.
5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): Sorting through support equipment, removing same from project. Policing letdown area.
7. Newtron (K014): Received and off loaded two semi truck loads of 600V cable. Development of wire and cable take offs to support Solar Field installation. Provided SCI- order PVC to support work around for ring installation starting 02-01-12.
8. Trailer City: The site CM Team has moved into the main office complex onsite.

Personnel on Site-

Genesis Team	18
NAM	7
Sukut (K010)	2
Sukut (K008)	48
PSI Testing (K007)	3
Terracon	1
AECOM	11
SWCA	2
Guardsmark (K005)	3
Largo (K013)	55
Williams Scotsman	0
BPC (K100)	15
BATZ	2
PAR (K012)	2
Sener	3
Newtron	5
Total	177

Genesis Daily Site Report

January 30, 2012

Safety: No accidents. A Sukut scraper operator reported back pain and was taken to a medical unit for diagnosis.

Safety Topic of the Week: "Genesis Site Driving Privilege Notice"

Weather Conditions: Mostly Sunny, Temp – High 71; Winds Calm; Humidity 11%

Site Compliance: No visitors and no issues.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 of Unit 2 with fill being placed in Block 4. Fill preparation continued in Blocks 9 & 10 of Unit 2. Finish grade continued in Blocks 3 – 5 of Unit 2 and the channels. Channel D crossing excavation completed today and Channel BC forming commenced.
2. PSI (K007): Performed field density testing in Solar Field Unit 2.
3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing.
4. Largo (K013): Stripping and setting of forms in Block 6 of Unit 1. Drilling in Block 6 of Unit 1. Layout in Block 7 of Unit 1.



5. Blythe Power Constructors (K100): BPC continued to receive materials.
6. PAR (K012): On hold awaiting decision on transformer issue.
7. Newtron (K014): Continued to receive materials.
8. Trailer City: Axiom Telecomm setting up and performing punch down in telecommunications room.

Personnel on Site-

Genesis Team	16
NAM	7
Sukut (K010)	2
Sukut (K008)	48
PSI Testing (K007)	3
Terracon	1
AECOM	11
SWCA	2
Guardsmark (K005)	3
Largo (K013)	25
Williams Scotsman	0
BPC (K100)	15
BATZ	2
PAR (K012)	2
Sener	4
Newtron	5
Axiom Telecomm	3
Total	149

Genesis Daily Site Report

January 31, 2012

Safety: No accidents or injuries. The Sukut report of neck pain dated 30 January, 2012 (yesterday) status is first aid only. The employee has returned to work without restrictions.

Safety Topic of the Week: "Genesis Site Driving Privilege Notice"

Weather Conditions: Mostly Sunny, Temp – High 74; Winds East South East 5 mph; Humidity 13%

Site Compliance: Michael Sullivan, Steve Stengel, Kenny Stein and John Ketchum, all with NextEra Energy, visited the site today and accompanied two reporters, one from the Los Angeles Times and one from the Desert Sun, on a site walk.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 2 of Unit 2 with fill being placed in Block 4. Fill preparation continued in Blocks 9 & 10 of Unit 2. Finish grade continued in Blocks 3 – 5 of Unit 2 and the channels.



2. PSI (K007): Performed field density testing in Solar Field Unit 2, testing concrete and taking samples in Block 6 of Unit 1.

3. Sukut (K010): Full time standing water mitigation and dust control on the main access road activities are ongoing.
4. Largo (K013): Resumed pouring caissons in Block 6 of Unit 1. Continued drilling and forming in Block 6 & surveying in Block 7. Largo will start setting control points in Block 8 tomorrow.
5. Blythe Power Constructors (K100): BPC continued to receive materials. Performed training on the total station for pylon alignment.
6. PAR (K012): Delivered a truck today for the removal of the transformer tomorrow.
7. Newtron (K014): Continued to receive materials and started lay out to begin production tomorrow.
8. Trailer City: Axiom Telecomm performing punch down in telecommunications room and trimming out in the offices.

Personnel on Site-

Sukut (K008)	48
PSI Testing (K007)	3
Terracon	1
AECOM	10
SWCA	2
Guardsmark (K005)	3
Largo (K013)	70
Williams Scotsman	0
BPC (K100)	15
BATZ	2
PAR (K012)	2
Sener	4
Newtron	5
Axiom Telecomm	3
NextEra	4
Total	202

Mosley, Charlyn

From: Eric Veerkamp [EVeerkam@energy.ca.gov]
Sent: Thursday, February 02, 2012 10:49 AM
To: Mosley, Charlyn
Cc: Jennifer Guigliano; Chris Marxen; Rick Tyler; Cody.Bryant@laurenec.com; Alvin Greenberg
Subject: Genesis (09-AFC-8C), SPCC (HAZ-1 and HAZ-2), CPM approval
Attachments: SPCC.final.package.2.2.12.pdf

Charly,
NextEra's request for approval of the Spill Prevention Control and Countermeasure Plan (SPCC) (HAZ-2) and the requested allowance for a maximum on-site diesel storage of 30,000 gallons (HAZ-1) has been reviewed and approved by Energy Commission technical staff; therefore, the submittal has CPM approval, in accordance with the Conditions of Certification. I have attached the final plan with exhibit.

Thank you. Please let me know if you have any questions or concerns.

Eric W. Veerkamp, AICP
Compliance Project Manager
California Energy Commission
Siting, Transmission, and Environmental Protection, Compliance Division, MS 2000
916-654-4611
FAX 651-3882



December 22, 2011

Mr. Eric Veerkamp
Compliance Project Manager
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

**RE: PETITION TO AMEND GENESIS SOLAR ENERGY PROJECT CONDITION OF
CERTIFICATION**
Docket # 09-AFC-8

Dear Mr. Veerkamp:

Pursuant to Section 1769 of the California Energy Commission (CEC) Siting Regulations, Genesis Solar Project, hereby submits the attached Petition to amend GSEP's Condition of Certification.

Please contact Charlyn Mosley at (760) 831-2651 if you have any questions regarding this submittal.

Sincerely,

Charlyn Mosley
Compliance Manager
Genesis Solar Project

Petition for Insignificant Amendments to the HAZ-2 Conditions of Certification to include Appendix A

As required by Section 1769 of the CEC Siting Regulations, Genesis Solar Energy Project (GSEP) hereby submits the following discussion to amend the HAZ-2 Conditions of Certification of the GSEP Application for Certification 09-AFC-8. GSEP proposes to increase the quantity of Diesel fuel stored on the site during construction from 3,600 gallons to an individual limit per contractor of 10,000 gallons for a maximum site volume of 30,000 gallons. Appendix A is a list of approved materials with their quantities for site use and storage, as stated in Appendix A, line 4, diesel storage for equipment re-fueling.

In the past month, re-fueling trucks entering and leaving site for fueling of (1) Fuel Tanker, (10) Scrapers, (2) Motor Graders, (4) Water Trucks, (1) Skip Loader, (1) Water Wagon, (1) Forklift, (3) Dozers, (2) Large Generators and (4) Small Generators averages twice a day at approximately 8,000 gallons per day. The escalation of ground disturbing/ground work equipment in the next month will increase the amount of gallons used per day to approximately 25,000 gallons.

The two well generators alone consume a total of 1,000 gallons a day at 8 hours operation. When the activities at the wells increase to 10 – 18 hours a day, this quantity will escalate exponentially, resulting in potential work stoppages and delayed work productivity. The concrete pours for the solar field structures will demand access to well water during a 12 hour work day.

Added equipment will necessitate increased diesel usage as the solar field is being constructed. An example of added usage of diesel fuel will be the use of numerous welding machines to not only manufacture the Solar Collection Element (SCE) tubes at the roll out racks but also install them in the field.

Equipment used for the construction of the solar field will include but is not limited to; Cranes, drilling rigs, trenchers, forklifts, dozers, blades, scrapers, water trucks, JLG's, scissor lifts, back hoes, excavators, trailers, field trucks and buggies. This equipment is in addition to the battalion of equipment now in service. Wet filling this amount of equipment from a vendor truck driver who is not trained by the facility will increase the potential for incidents and is more difficult to maintain environmentally, if handled by vendors instead of the trained site contractors. Having a service area for bulk storage and containment minimizes the potential for spills and will be easily managed by the SPCC and the employment of a monitor to perform daily checks and interface with the contractors. Genesis Solar Energy Project has employed a permanent field monitor to inspect and monitor fueling activities to prevent such occurrences.

Access to the site is partially paved, the remainder being unpaved, dirt roads. These roads are subject to flooding and potting which could increase the risk of these trucks having an incident during inclement weather. As this season is quickly approaching, the GSEP proposes that the safety and exposure to the environment will be greatly decreased with the proposed storage tanks on site.

The safety of the public is also assured by reduced amount of trips to the site. The storage tanks can be re-fueled via a tanker truck whereby reducing the traffic on the Interstate and public roadways.

GSEP believes that the HAZ-2 Condition of Certification was originally imposed as an operational standard after the construction of the plant is completed. During construction it is not practical to limit the storage of diesel fuel to 3,600 gallons when the consumption of diesel on a normal day is three times as much to date. To ensure environmentally sound practices while the storage tanks are on site, GSEP has written an SPCC plan to identify sound practices and address (and mitigate) environmental risks.

Pursuant to CCR Title 20, Section 1769 (a)(1)(A) and (B), a description of the proposed modification, including new language for affected conditions and the necessity for the modifications is required.

GSEP is requesting that HAZ-2, Appendix A, be changed to reflect the quantity on the diesel fuel from 3,600 gallons to the amounts listed on the following table. All else will remain the same. See example table below. The limit on fuel quantity during construction will generate more refueling activities each day. The daily risk to the public, site personnel and the environment is increased as the volume of fuel demand increases.

Material Maximum	CAS No.	Application	Hazardous Characteristics	Quantity On Site	CERCLA SARA RQ
Diesel Fuel	68334-30-5	Equipment refueling	Health: low toxicity Physical: combustible liquid	10,000 gallons per contractor	SARA = 100 pounds CERCLA = 100 pounds

Pursuant to CCR Title 20, Section 1769 (C), a discussion is required on if the modification is based on information that was known by the petitioner during the certification proceeding, and an explanation of why the issue was not raised at that time.

The changes requested to the CEC are based on information obtained from the construction crew and current and recent data received by the truck manifest and delivery dates and times. During the day-to-day construction of the site, the fuel trucks delivery schedule has increased exponentially. There are a minimum of 3 fuel trucks delivering fuel to the site for wet fueling per day for a minimum total of 21,000 gallons per day.

Pursuant to CCR Title 20, Section 1769 (D), a discussion is required on whether the modification is based on new information that changes or undermines the assumptions, rationale, findings, or other bases of the final decision, and explanation of why the change should be permitted.

The proposed changes to the CEC Conditions of Certification are based on information obtained after the completion of the certification process. GSEP believes that the HAZ-2 Conditions of Certification is based on operational use of fuel, not taking in to consideration the construction needs and the requirements of the construction schedule. GSEP believes the proposed changes do not undermine the assumptions, rationale, findings or other bases of the final decision.

Pursuant to CCR Title 20, Section 1769 (E), an analysis of the impacts the modification may have on the environment and proposed measures to mitigate any significant adverse impacts are required.

The proposed changes to the conditions of certification will mitigate serious harm to the environment by minimizing the trafficking of fuel to the site by fuel truck deliveries 4 times a day. With storage tanks staged on site, the chance of an incident or accident is minimized and spills (if any) to the environment is isolated and contained. An SPCC plan has been developed for this reason.

Pursuant to CCR Title 20, Section (F), a discussion of the impact of the modification on the facility's ability to comply with applicable laws, ordinances, regulations, and standards is required.

The proposed amendment will have no impact on the facility's ability to comply with applicable laws, ordinances, regulations, and standards. GSEP will continue to meet all applicable permit conditions.

Pursuant to CCR Title 20, Section (G), a discussion of how the modifications affect the public is required.

GSEP asserts that the proposed modification to the condition benefits public health and safety by reducing the number of trips on the road whereby reducing risks on the road, ensuring public safety.

Pursuant to CCR Title 20, Section 1769 (H), a list of property owners potentially affected by the modification is required.

The facility is being constructed on BLM land leased by the developers. A letter to the BLM will be sent to inform and gain approval from them.

Pursuant to CCR Title 20, Section 1769 (I), a discussion of the potential effect on nearby property owners, the public and the parties in the application proceedings are required.

Due to the location of the site, there will be no impact to the public or any other parties. As the deliveries are minimized, the safety to the public will increase on the roadways.

Mosley, Charlyn

From: Alan De Salvio [Adesalvio@mdaqmd.ca.gov]
Sent: Tuesday, April 12, 2011 10:06 AM
To: aquitania.manny@epa.gov
Cc: Mosley, Charlyn
Subject: Blythe Energy, LLC Federal Operating Permit
Attachments: T5_BlytheEnergyLLC_04112011.pdf; T5_BlytheEnergyLLC_04112011SignaturePage.pdf

Manny Aquitania:

Administrative change to Blythe Energy, LLC Title V Permit (responsible official and physical address correction). Hard copies will be mailed today.

Sincerely,

Alan De Salvio
Supervising Air Quality Engineer

