

December 13, 2011

Ms. Felicia Miller
Compliance Project Manager Delegate
California Energy Commission
1516 Ninth Street (MS-2000)
Sacramento, CA 95814

Subject: Walnut Creek Energy Park (05-AFC-2)
Condition of Certification COM-6
Monthly Compliance Report #6

Dear Ms. Miller:

In accordance with the requirements of Condition of Certification COM-6 as set forth in the California Energy Commission's Final Decision for the Walnut Creek Energy Park, enclosed please find one hard copy of the project's Monthly Compliance Report for the period ending November 30, 2011.

Should you have any questions or require additional information related to this submittal, please contact Kevin Fullerton at (949) 838-4055 or me at (714) 513-8100.

Sincerely,



Jenifer Morris Lee
Vice President

Attachment

WCEP File: 14.24.3.6



05-AFC-2

COM-6

MONTHLY COMPLIANCE REPORT – No. 6

Report Period: November 2011

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Attachment B	CEC Compliance Matrix
Attachment C	CBO Correspondence, Approvals, Submittal Schedule & Payment Receipt
Attachment D	Air Quality Construction Mitigation Documentation
Attachment E	Resource Specialists' Reports
Attachment F	Storm Water Inspection Reports & Checklists
Attachment G	WEAP Training Acknowledgement Forms
Attachment H	Site Construction Safety Supervisor's Safety Report

Abbreviations and Acronyms

AFC	Application for Certification
AQ	Air Quality
AQCMM	Air Quality Construction Mitigation Manager
CBO	Chief Building Officer
CEC	California Energy Commission
COM	Compliance
CPM	Compliance Project Manager
CRM	Cultural Resources Monitor
CRS	Cultural Resources Specialist
CTG	combustion turbine generator
ECM	emissions control module
HDPE	high density polyethylene
LACSD	County Sanitation Districts of Los Angeles County
MCR	Monthly Compliance Report
WCEP	Walnut Creek Energy Park
WEAP	Worker Environmental Awareness Program

1.0 PROJECT SUMMARY

1.1 Construction Schedule

This section of the monthly compliance report (MCR) addresses the progress of the project construction activities to date.

There were a few changes to the Key Events List:

- Begin Pouring Major Foundation Concrete is anticipated to commence on 12/12/2011

The Key Events List is included in Attachment A; changes are highlighted in yellow.

1.1.1 Summary of Current Project Construction Status

Major construction activities for the month of November 2011 included the following:

- Began production pile installation;
 - Units 1-3 Aux Skid, CTG, ECM, Intercooler
- Office complex delivery and installation;
- Continued mass grading;
- Excavation of main pipe trench;
- HDPE pipe fabrication;
- HDPE pipe installation;
- Continued on the office complex power and data installation.

A copy of the construction Level II schedule is provided for reference in Figure 1.

2.0 REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT

2.1 CBO Correspondence, Approvals, Submittal Schedule & Payment Receipt

Copies of all the transmittal letters for the deliverables sent to the Chief Building Officer (CBO) are included in Attachment C along with the associated approval letters received from the CBO in November.

In accordance with GEN-2 and TSE-1, the up to date CBO submittal schedule is included in Attachment C.

In accordance with GEN-8, copies of inspection records (including notification to the CBO of completed work) are included in Attachment C.

In accordance with ELEC-1, MECH-1 and STRUC-1, a copy of the CBO's approval is included in Attachment C.

2.2 Air Quality Construction Mitigation Documentation

A summary report by the Air Quality Construction Mitigation Manager is provided in Attachment D-1. As required under AQ-SC3, documentation demonstrating compliance with the construction fugitive dust control mitigation is provided in Attachment D-2.

As required under AQ-SC5, a summary of all the actions taken to maintain compliance with the diesel-fueled engine controls requirements will be provided in this report. The Equipment Survey Form in Attachment D-3 presents all of the heavy equipment used on site along with the applicable engine tier level. The on-site subcontractors have expressed their commitment to keeping their equipment maintained to factory specifications. Copies of the letters from the contractors have been included in Attachment D-4.

AQ-SC5 requires all diesel-powered equipment at the project construction site to be fueled with ultra-low sulfur diesel, and fuel purchase receipts are provided in Attachment D-5.

2.3 Cultural Resources Report

In accordance with CUL-6, the Cultural Resources Specialist' Report is provided in Attachment E-1.

2.4 Paleontological Resources Report

In accordance with PAL-5, the Paleontological Resources Specialist' Report is provided in Attachment E-2.

2.5 Storm Water Inspection Report and Weekly Checklist

As specified in condition of certification WATER QUALITY AND SOILS-1, "During construction, the project owner shall provide an analysis in the MCR on the effectiveness of the drainage, erosion and sediment control measures and the results of monitoring and maintenance activities." Attachment F of this report includes the storm

water inspection reports and checklists that were completed during this reporting period. The storm water inspection reports and checklists show that the installed Drainage, Erosion and Sediment Control Plan (DESCP) measures and Best Management Practices (BMPs) at the WCEP site have been effective. The results of all monitoring and maintenance activities for this reporting period are included in Attachment F.

2.6 Safety Inspection Report

As specified in the verification for condition of certification WORKER SAFETY-3, the monthly safety inspection report is included in Attachment H.

2.7 Worker Environmental Awareness Program (WEAP)

The Worker Environmental Awareness Program (WEAP) is conducted for all workers as they are brought onto the project site. In accordance with conditions of certification CUL-5 and PAL-4, all WEAP Certification of Completion forms for the month are included in Attachment G. A total of 229 persons have completed the training to date.

2.8 Status of the Dual Plumbing Plan's Review

The project owner has submitted a Dual Plumbing Plan for using reclaimed and potable water to Rowland Water District and Los Angeles County Department of Health Services for review and comment as required by condition of certification WATER RES-4. The Dual Plumbing Plan has been approved by the Rowland Water District. Final approval from the County will be received once the construction of the Dual Plumbing Plan is completed.

2.9 Material Deliveries and Concrete/Grout Pour Records

On November 8, 2011, a letter detailing proposed changes to the Traffic Control Plan was submitted to the CEC including a sample notification letter for property owners within 1,000 feet of the WCEP Site. Proposed changes to the plan included allowing limited material deliveries during the morning peak commute hours (7 a.m. to 9 a.m.), start of work activities at 5 a.m. for concrete pours, and an increase in daily truck trips to 220 total round trips.

On November 14, 2011, CEC responded that the sample notification letter for property owners met the requirements for notifying property owners and sensitive receptors of changes to the Traffic Control Plan. Notification letters were mailed to property owners within 1,000 feet of the Site on November 15, 2011. CEC requested that Walnut Creek

Energy, LLC provide records of material deliveries and concrete and grout pours in the MCR going forward.

The following table lists deliveries in the morning peak commute hours during the November 2011 reporting period. Only dates where deliveries were received during the morning peak commute hours are listed.

Material Deliveries During Peak Morning Commute Hours (November 2011)	
Date	Number of Deliveries
11/28/2011	2
11/29/2011	3

2.10 Required Reporting Elements Not Reported During Period

The following conditions of certification have monthly reporting requirements but were not applicable during this reporting period:

- CIVIL-3 There were no non-conformance reports (NCRs) during this reporting period.
- CIVIL-4 Final grading plans have not been submitted.
- GEN-3 The CBO's receipt of payment will be provided in the next MCR following payment (invoice was not submitted in time for payment in November pay cycle)
- GEN-6 There were no CBO approvals of special inspectors issued this period.
- GEN-7 There were no CBO approvals of corrective actions issued this period.
- MECH-2 There was no on-site fabrication or installation of any pressure vessel(s) this period.
- STRUC-3 There were no design changes to final plans filed this period.
- STRUC-4 There were no CBO approvals of plan checks for tanks and vessels containing toxic or hazardous materials this period.
- TSE-4 There were no electrical equipment activities this period.

3.0 COMPLIANCE MATRIX

A copy of the compliance matrix is provided in Attachment B. As required, previously reported and fully satisfied conditions are not included in the matrix.

4.0 COMPLIANCE REQUIREMENTS COMPLETED DURING THE REPORTING PERIOD

There were no compliance requirements completed during the November 2011 reporting period.

5.0 DELINQUENT SUBMITTALS

There were no delinquent submittals during the November 2011 reporting period.

6.0 CUMULATIVE LISTING OF CHANGES TO CONDITIONS OF CERTIFICATION

A cumulative list of approved changes to the conditions of certification is provided below:

- Amendment 1 (04/29/2009): Approval for relocation of several plant features within existing property boundary.
- Amendment 2 (02/18/2008): Approval for modification of transmission pole height.
- Amendment 3 (05/04/2011): Approval for modifications to various air quality conditions including AQ-SC7 and AQ-SC8. Revised compliance determinations were made for the following conditions: AQ-1, AQ-3, AQ-4, AQ-6, AQ-16, and AQ-19 (see Order No. 11-0504-2 for additional amendment details).
- Amendment 4 (09/08/2011): Approval of request to modify the construction laydown area.
- Amendment 5 (11/14/2011): Approval of request to modify the cooling tower.

7.0 FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES

No new permits were issued in November 2011.

A notification letter for modifications to the Traffic Control Plan was submitted to property owners within 1,000 feet of the WCEP Site, Caltrans, and Los Angeles County on November 15, 2011.

An application for an Industrial Waste Water Discharge Permit for discharge of hydrostatic test water was submitted to the County Sanitation Districts of Los Angeles County on November 23, 2011.

8.0 PROJECT COMPLIANCE ACTIVITIES SCHEDULE FOR THE NEXT TWO MONTHS

A summary of the planned submittals over the next two months is presented in Table 8-1.

Table 8-1 Planned Submittals for December 2011 and January 2012

Condition Of Certification	Due Date	Due Date Description	Summary
COM-6	MONTHLY	Submit 1 hard copy and 1 CD of the Monthly Compliance Report within 10 working days after the end of each reporting month.	Monthly Compliance Report
CUL-2	WEEKLY	On a weekly basis a current schedule of anticipated project activity shall be provided to the CRS and CPM.	2-Week Look Ahead Schedule
CUL-6	WEEKLY	At the beginning of each week following monitoring, the CRS shall provide copies of the logs of the monitors to the CPM.	CRS Monitoring Logs
ELEC-1	01/04/2012	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of each increment of electrical construction.	Schematic Diagrams for Gen Step-up Transformer, 5kv Switchgear, and 4.16kv Motor Control Centers
MECH-1	01/11/2012	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of major piping or plumbing construction.	Piping and Instrumentation Diagrams for Cooling Tower and Water Treatment Chemical Feeds
STRUC-1	12/20/2011	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	Turbine Maintenance Pads
STRUC-1	12/27/2011	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	Cooling Tower and 5kV Switchgear Building Foundation Plans
STRUC-1	12/14/2011	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	Oil/ Water Separator and Admin/Control/Warehouse Foundation Plans

Table 8-1 Planned Submittals for December 2011 and January 2012

Condition Of Certification	Due Date	Due Date Description	Summary
STRUC-1	12/12/2011	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	Demin, Treated, and Recycle Water Tank Foundation Plans
STRUC-1	12/16/2011	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	PCM Foundation/ Vault Plan
STRUC-1	12/06/2011	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	Iso Phase Piling Plans
STRUC-1	12/19/2011	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	Switchyard Structures Foundation Plan
STRUC-1	01/13/2012	At least 60 days (or project owner and CBO approved alternative timeframe) prior to the start of a construction of any structure or component listed in Facility Design Table 2 of Condition of Certification GEN-2.	WT Electrical Module

9.0 LISTING OF MONTH'S ADDITIONS TO THE COMPLIANCE FILE

All documents and attachments included in this MCR have been added to the onsite compliance file. All compliance submittals to governmental agencies have been added to the onsite compliance file and are presented in Table 9-1 below.

Table 9-1 List of Agency Submittals during November 2011 Reporting Period

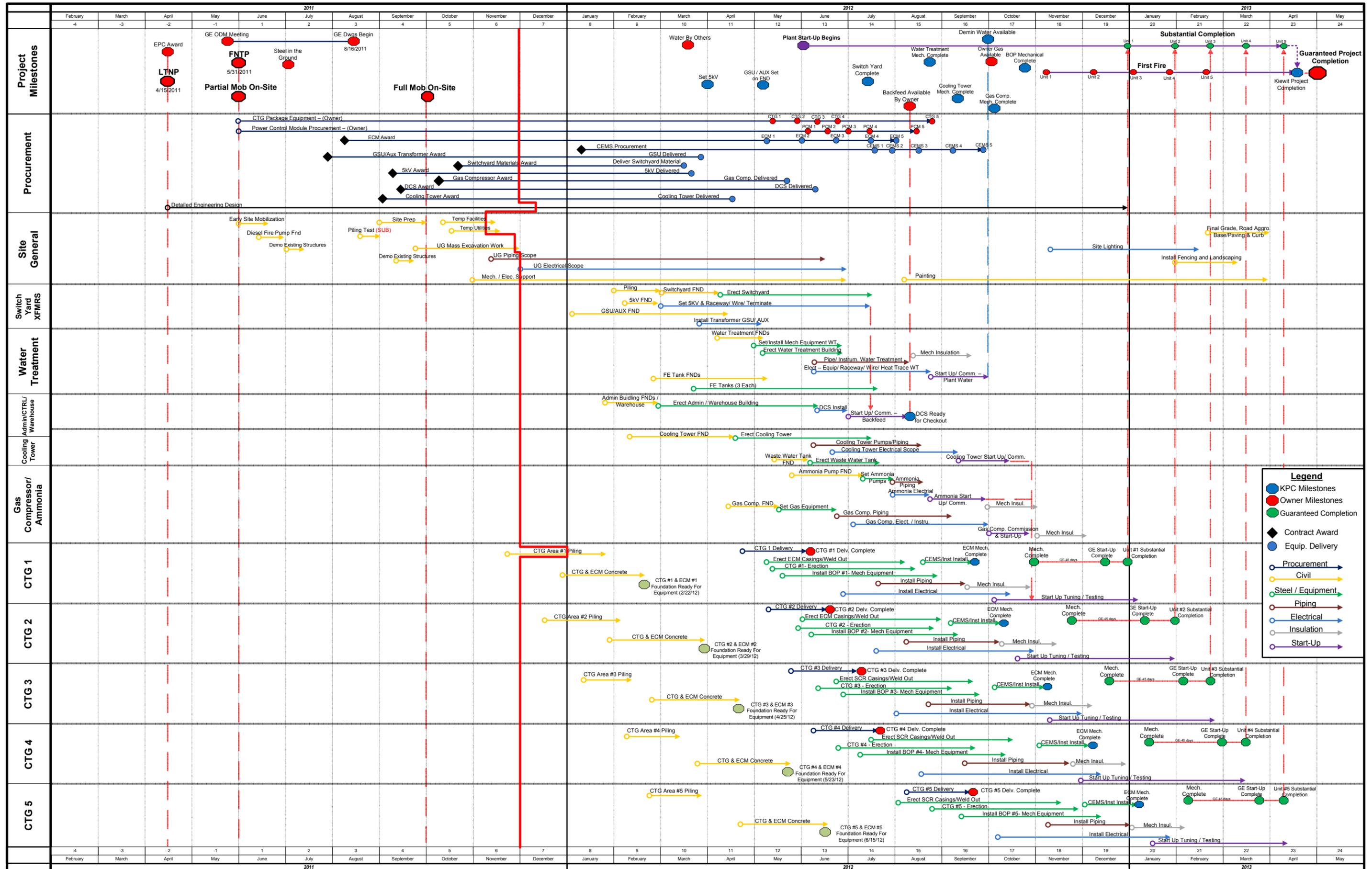
Date Submitted	Governmental Agency	Condition/Regulatory Reference	Submittal Description
11/7/2011 11/11/2011 11/21/2011 11/28/2011	CEC	CUL-2	Weekly Schedule
11/7/2011 11/14/2011 11/21/2011 11/28/2011 12/6/2011	CEC	CUL-6	CRM Daily Logs for previous week
11/8/2011	CEC	TRANS-3/NOISE-6	Proposed Modifications to Traffic Control Plan (Early Start Time, Deliveries between 7 a.m. and 9 a.m.)
11/15/2011	Los Angeles County, Caltrans	TRANS-3/NOISE-6	Notification of Modifications to Traffic Control Plan
11/30/2011	CEC	Petition for Modification	Petition for Modification #6 – Electricity Generation Interconnection Modifications

10.0 LIST OF COMPLAINTS, NOTICES AND CITATIONS

No complaints, citations, or violations were received during the November 2011 reporting period.

FIGURE 1

WALNUT CREEK ENERGY PARK CONSTRUCTION SCHEDULE



Attachment A – Key Events List

KEY EVENTS LIST	
PROJECT: Walnut Creek Energy Park	
DOCKET #: 05-AFC-2	
COMPLIANCE PROJECT MANAGER: Felicia Miller	
EVENT DESCRIPTION	DATE
Certification Date	
Obtain Site Control	
Online Date	5/01/2013
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	6/01/2011
Start Ground Disturbance	6/02/2011
Start Grading	9/19/2011
Start Construction	6/01/2011
Begin Pouring Major Foundation Concrete	12/12/2011
Begin Installation of Major Equipment	2/27/2012
Completion of Installation of Major Equipment	10/01/2012
First Combustion of Gas Turbine	11/09/2012
Obtain Building Occupation Permit	
Start Commercial Operation	5/01/2013
Complete All Construction	5/01/2013
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	4/23/2012
Synchronization with Grid and Interconnection	8/10/2012
Complete T/L Construction	7/13/2012
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	
Complete Gas Pipeline Construction	
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	9/01/2011
Complete Water Supply Line Construction	9/13/2011

Attachment B – CEC Compliance Matrix

Walnut Creek Energy Park (05-AFC-2C)

Color code key:	Pending CEC or CBO Approval
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Compliance Matrix Based on CEC 2008 Final Decision

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
AQ-01	COMM	The project owner shall limit the emissions from each gas fired combustion turbine train exhaust stacks as follows: Contaminant Emissions Limit: PM10 2,778 <u>2,592</u> lbs in any one month, CO 6,532 lbs in any one month, SOx 281 lbs in any one month, VOC 4,106 <u>1,035</u> lbs in any one month. For the purpose of this condition, the limit(s) shall be based on the emissions from a single exhaust stack. <u>During commissioning, CO emissions shall not exceed 7,441 lbs/mo and the VOC emissions shall not exceed 4,144 1,043 lbs in any one month.</u> The project owner shall calculate the emission limit(s) by using the monthly fuel use data and the following emission factors: PM10: <u>7.04</u> lb/mmscf and VOC: <u>2.73</u> lb/mmscf. <i>[Note to reader: these edits are subject to formal approval by the CEC.]</i>	Submit all emission calculations, fuel use, CEM records and a summary demonstrating compliance of with all emission limits stated in this Condition for approval to the CPM on a quarterly basis in the quarterly emissions report (AQ-SC10). <i>[Note to reader: these edits are subject to formal approval by the CEC.]</i>	Include in QER	Q2 2013	
AQ-02	OPS	The project owner/operator shall not produce emissions of oxides of nitrogen from the facility, including the firewater pump and all five gas turbines combined, that exceed the RECLAIM Trading Credits holdings required in Condition of Certification AQ-16 within a calendar year.	Submit to the CPM no later than 60 days following the end of each calendar year, the SCAQMD required (via Rule 2004) Quarterly Certification of Emissions (or equivalent) for each quarter and the Annual Permit Emissions Program report (or equivalent) as prescribed by the SCAQMD Executive Officer.	No later than 60 days following the end of each calendar year.	Q2 2013	
AQ-03a	COMM	The 2.5 ppm NOx emission limit, 2.0 ppm VOC emission limit and the 6.0 <u>4.0</u> ppm CO emission limit shall not apply during turbine commissioning, start-up and shutdown. The commissioning period shall not exceed 134 operating hours per turbine from the initial start-up. Following commissioning, start-ups shall not exceed 60 minutes <u>for each startup</u> and the number of start-ups shall not exceed 250 <u>480</u> per year. Following commissioning, shutdowns shall not exceed 10 minutes <u>for each shutdown</u> . The number of shutdowns <u>startups</u> shall not exceed one <u>two</u> per day per turbine. Written records of commissioning, start-ups and shutdowns shall be kept and made available to District and submitted to the CPM for approval.. See AQ-03 for more details. <i>[Note to reader: these edits are subject to formal approval by the CEC.]</i>	Provide the District and the CPM with the written notification of the initial start-up date no later than 60 days prior to the startup date.	60 days prior to startup date	8/30/2012	
AQ-03b	COMM	The project owner shall submit, commencing one month from the time of gas turbine first fire, a monthly commissioning status report throughout the duration of the commissioning phase that demonstrates compliance with this condition and the emission limits of Condition AQ-13. The monthly commissioning status report shall include criteria pollutant emission estimates for each commissioning activity and total commissioning emission estimates.	The monthly commissioning status report shall be submitted to the CPM until the report includes the completion of the initial commissioning activities. The project owner shall provide start-up and shutdown occurrence and duration data as part as part of the Quarterly Operation Report (AQ- SC10). The project owner shall make the site available for inspection of the commissioning and startup/shutdown records by representatives of the District, CARB and the Commission	One month after gas turbine first fire, include in QOR	12/9/2012	
AQ-04	OPS	The 2.5 ppm NOx emissions limit(s) are averaged over 60 minutes at 15 percent oxygen, dry basis. The 6.0 <u>4.0</u> ppm CO emission limit(s) are averaged over 60 minutes at 15 percent oxygen, dry basis. The 2.0 ppm VOC emission limit(s) are averaged over 60 minutes at 15 percent oxygen, dry basis. The 5.0 ppm NH3 emission limit(s) are averaged over 60 minutes at 15 percent oxygen, dry basis. <i>[Note to reader: these edits are subject to formal approval by the CEC.]</i>	The project owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC10.	Include in QER	Q2 2013	
AQ-05	OPS	The project owner may at no time purposefully exceed either the mass or concentration emission limits set forth in Conditions of Certification AQ-1, -2, -3 or -4.	The project owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC10.	Include in QER	Q2 2013	
AQ-06	OPS	The project owner shall limit the fuel usage from each turbine to no more than 393 <u>367</u> mmscf of pipeline quality natural gas in any one month. The operator shall install and maintain a fuel flow meter and recorder to accurately indicate and record the fuel usage being supplied to each turbine. <i>[Note to reader: these edits are subject to formal approval by the CEC.]</i>	The project owner shall submit to the CPM for approval all fuel usage records on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC10.	Include in QER	Q2 2013	

Walnut Creek Energy Park (05-AFC-2C)

Color code key:	Pending CEC or CBO Approval
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Compliance Matrix Based on CEC 2008 Final Decision

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
AQ-07a	COMM	The project owner shall conduct an initial source test for NOx, CO, SOx, VOC, NH3 and PM10 and a periodic source test every three years thereafter for NOx, CO, SOx, VOC and PM10 of each gas turbine exhaust stack in accordance with the following requirements: See AQ-07 for required test methods, averaging time, test locations, testing conditions and other details.	Submit the proposed protocol for the initial source tests 45 days prior to the proposed source test date to both the District and CPM for approval.	45 days prior to proposed source test date	Q2 2013	
AQ-07b	COMM	The project owner shall submit source test results to both the District and CPM. The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test date and time.	Submit the source test results to the District and the CPM.	No later than 60 days following the source test date	Q2 2013	
AQ-08a	COMM	The project owner shall conduct source testing of each gas turbine exhaust stack in accordance with the following requirements: See AQ-08 for details. (Ammonia and NOx)	Submit the proposed protocol for the source tests to both the District and CPM for approval. The project owner shall notify the District and CPM no later than 7 days prior to the proposed source test date and time.	45 days prior to proposed source test date	Q2 2013	
AQ-08b	COMM	The project owner shall submit source test results to both the District and CPM.	Submit the source test results to the District and the CPM.	No later than 45 days following the source test date	Q2 2013	
AQ-09	COMM	The project owner shall install and maintain a CEMS in each exhaust stack of the combustion turbine trains to measure the following parameters: See AQ-09 for details related to CEMS performance criteria.	Notify the CPM of the completion of the certification process for the CEMS.	Within 30 days of CEMS certification	9/12/2012	
AQ-10	COMM	The project owner shall keep records in a manner approved by the District for the following items: <ul style="list-style-type: none"> Natural Gas use after CEMS certification Natural Gas use during the commissioning period Natural Gas use after the commissioning period and prior to the CEMS certification 	The project owner shall submit to the CPM for approval all fuel usage records on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC10.	Include in QER	Q2 2013	
AQ-11a	COMM	The owner/operator shall determine the hourly ammonia slip emissions from each exhaust stack for each gas turbine train individually via both the following formula: See AQ-11 for details.	Include ammonia slip concentrations averaged on an hourly basis calculated via both protocols provided as part of the Quarterly Operational Report required in Condition of Certification AQ-SC10.	Include in QOR	Q2 2013	
AQ-11b	COMM	The project owner shall submit all calibration results performed to the CPM.	Submit the calibration results to the CPM. Submit to the CPM for approval a proposed correction factor to be used in the Energy Commission formula at least once a year but not to exceed 180 days following the completion of the annual ammonia compliance source test	Within 60 days of the calibration date	Q2 2013	
AQ-11c	COMM	Exceedances of the ammonia limit shall be reported as prescribed herein. Chronic exceedances of the ammonia slip limit shall be identified by the project owner and confirmed by the CPM within 60 days of the fourth quarter Quarterly Operational Report (AQ-SC10) being submitted to the CPM.	If a chronic exceedance is identified and confirmed, the project owner shall work in conjunction with the CPM to develop a reasonable compliance plan to investigate and redress the chronic exceedance of the ammonia slip limit within 60 days of the above confirmation.	As required	As required	
AQ-12a	COMM	The operator shall install and maintain an ammonia injection flow meter and recorder to accurately indicate and record the ammonia injection flow rate being supplied to each turbine. The device or gauge shall be accurate to within plus or minus 5 percent and shall be calibrated once every twelve months. Continuously recording is defined for this condition as at least once every hour and is based on the average of the continuous monitoring for that hour.	Submit to the CPM a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built-designs or inspected the identified equipment and certifies that the appropriate device has been installed and is functioning properly.	No less than 30 days after installation	Q2 2013	
AQ-12b	COMM	The project owner shall submit annual calibration results after successful completion.	Submit the required calibration results to the CPM.	Within 30 days of their successful completion	Q2 2013	

Walnut Creek Energy Park (05-AFC-2C)

Color code key:	Pending CEC or CBO Approval
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Compliance Matrix Based on CEC 2008 Final Decision

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
AQ-13a	COMM	The operator shall install and maintain a temperature gauge and recorder to accurately indicate and record the temperature in the exhaust as the inlet of the SCR reactor. The gauge shall be accurate to within plus or minus 5 percent and shall be calibrated once every twelve months. Continuously recording is defined for this condition as at least once every hour and is based on the average of the continuous monitoring for that hour. Under any operating condition, including start-up, the maximum operating temperature shall not exceed 750° F.	Submit to the CPM a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built-designs or inspected the identified equipment and certifies that the appropriate device has been installed and is functioning properly.	No less than 30 days after installation	Q2 2013	
AQ-13b	COMM	The project owner shall submit annual calibration results after successful completion.	Submit the annual calibration results to the CPM.	Within 30 days of their successful completion	Q2 2013	
AQ-14a	COMM	The operator shall install and maintain a pressure gauge and recorder to accurately indicate and record the pressure differential across the SCR catalyst bed in inches of water column. The gauge shall be accurate to within plus or minus 5 percent and shall be calibrated once every twelve months. Continuously recording is defined for this condition as at least once every month and is based on the average of the continuous monitoring for that month. Under any operating condition, including start-up, the maximum operating pressure shall not exceed 7.6 inches of water.	Submit to the CPM a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built-designs or inspected the identified equipment and certifies that the appropriate device has been installed and is functioning properly.	No less than 30 days after installation	Q2 2013	
AQ-14b	COMM	The project owner shall submit annual calibration results after successful completion.	Submit the annual calibration results to the CPM.	Within 30 days of their successful completion	Q2 2013	
AQ-15a	COMM	The project owner shall limit the operating time of the firewater pump to no more than 199.99 hours per year. The firewater pump shall be equipped with a non-resettable elapsed meter to accurately indicate the elapsed operating time of the engine. The firewater pump shall be equipped with a nonresettable totalizing fuel meter to accurately indicate the fuel usage of the engine. The firewater pump shall burn only diesel fuel that contains sulfur compounds less than or equal to 15 ppm by weight. The project owner shall operate and maintain the firewater pump according to the following requirements: See AQ-15 for details on additional conditions.	Submit to the CPM a written statement by a California registered Professional Engineer stating that said engineer has reviewed the as-built-designs or inspected the identified equipment and certifies that the appropriate device has been installed and is functioning properly.	No less than 30 days after installation	Q2 2013	
AQ-15b	OPS	The project owner shall submit all dates of operation, elapsed time in hours, and the reason for each operation in the Quarterly Operations Report	Include the required information in the QOR.	Include in QOR	Q2 2013	
AQ-16	OPS	The project equipment shall not be operated unless the project owner demonstrates to the SCAQMD Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the project owner demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility hold sufficient RTCs in an amount equal to the annual emission increase. The project owner shall submit all such information to the CPM for approval. To comply with this condition, the project owner shall hold a minimum of 40,761 43,900 lbs/year of NOx RTCs and 2,219 2,280 lbs/year of SOx RTCs for the first year of operation and 32,319 35,458 lbs/year of NOx RTCs and 2,280 2,280 lbs/year of SOx RTCs thereafter. <i>[Note to reader: these edits are subject to formal approval by the CEC.]</i>	The project owner shall submit all identified evidence demonstrating compliance to the CPM on an annual basis as part of the annual compliance report.	Include in ACR	Q4 2013	
AQ-17a	COMM	The project owner shall conduct one source test over the lifetime of the project for NOx and PM10 on each gas turbine exhaust stack in accordance with the following requirements: See AQ-17 for details.	Submit the proposed protocol for the initial source tests to both the AQMD and CPM for approval. The project owner shall notify the AQMD and CPM no later than 10 days prior to the proposed initial source test date and time.	At least 45 days prior to the proposed source test date	Q2 2013	
AQ-17b	COMM	The project owner shall submit source test results to both the AQMD and CPM.	Submit the source test results to the AQMD and CPM.	No later than 60 days following the source test date	Q2 2013	

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AQ-18	COMM	The project owner shall limit the operating time for each combustion turbine to no more than 4,000 hours in any one year. For the purposes of this condition, one year shall be defined as any time that fuel is being combusted for any purpose in the combustion turbine train. One year is defined as a period of twelve (12) consecutive months determined on a rolling basis with a new twelve month period beginning on the first day of each calendar month. The operator shall install and maintain a non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine. The measuring device or gauge shall be accurate to plus or minus 5 percent. The measuring device or gauge shall be calibrated once every 12 months.	The project owner shall submit to the CPM for review a record of the time of use for all fuel use on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC10.	Include in QER	Q2 2013	
AQ-19	CONS	<u>The project owner shall not start operation of any equipment until both boiler units 3 and 4 currently located at AES Huntington Beach Generating Station have been retired and permits for boilers 3 and 4 have been surrendered to the SCAQMD.</u> <i>[Note to reader: these edits are subject to formal approval by the CEC.]</i>	<u>The project owner shall provide by email and post to the U.S. mail evidence demonstrating that they have surrendered the permits to operate for Huntington Beach boilers 3 and 4 prior to the first turbine fire. The project owner shall make the site available for inspection by representatives of the District, CARB, EPA and the Commission. In addition, the project owner shall make Huntington Beach boiler units 3 and 4 available for inspection to confirm shutdown of these boilers by representatives of the District, CARB, EPA and the Commission.</u>	Upon completion of construction, operation of any equipment cannot start until HB Units 3 & 4 have been retired and permits for both units surrendered to SCAQMD	Q2 2013	
AQ-SC03	CONS	AQCMM shall submit documentation in each Monthly Compliance Report demonstrating compliance with the mitigation measures outlined in the condition for the purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes (see AQ-SC03 for more details).	The project owner shall include in the MCR (1) a summary of all actions taken to maintain compliance with this condition, (2) copies of any complaints filed with the air district in relation to project construction, and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR	12/14/2011	
AQ-SC04	CONS	The AQCMM shall continuously monitor construction activities for visible dust plumes. See AQ-SC04 for more details.	The AQCMP shall include a section detailing how the additional mitigation measures will be accomplished within the time limits specified.	Include in MCR	12/14/2011	
AQ-SC05	CONS	The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the following mitigation measures for the purposes of controlling diesel construction-related emissions. Any deviation from the following mitigation measures shall require prior CPM notification and approval. See AQ-SC05 for more details.	The project owner shall include in the MCR (1) a summary of all actions taken to maintain compliance with this condition, (2) copies of all diesel fuel purchase records, (3) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that equipment has been properly maintained, and (4) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion.	Include in MCR	12/14/2011	
AQ-SC06	CONS	The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	Submit any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency. The project owner shall submit all modified air permits to the CPM within 15 days of receipt.	Within 5 working days of proposed air permit modification submittal to agency	As required	

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AQ-SC08	CONS	Project owner shall not start operation of any equipment until both boiler units 3 and 4 currently located at AES Huntington Beach Generating Station have been retired and permits for boilers 3 and 4 surrendered. [Note to WCEP Compliance Team: Staff has recommended that this condition be deleted. Subject to formal CEC approval.]	The project owner shall provide written evidence demonstrating that they have surrendered the permits to operate for Huntington Beach boilers 3 and 4.	10 days prior to start of operation of any emissions source	N/A	Condition Deleted per Amendment Order No. 11-0504-2
AQ-SC09	OPS	If the project owner does not participate in the voluntary California Climate Action Registry, then the project owner shall report on a quarterly basis to the CPM the quantity of greenhouse gases (GHG) emitted as a direct result of facility electricity production as follows: The project owner shall maintain a record of fuel use in units of million-Btu (MMBtu) for all fuels burned on site for the purpose of power production. These fuels shall include but are not limited to: (1) all fuel burned in the combustion turbines, (2) HRSGs (if applicable) or auxiliary boiler (if applicable), and (3) all fuels used in any capacity for the purpose of turbine startup, shutdown, operation or emission controls. See AQ-SC09 for more details.	GHG emissions that are not reported to the California Climate Action Registry shall be reported to the CPM as part of the Quarterly Operation Reports required by condition of certification AQ-SC10 .	Include in QOR	Q2 2013	
AQ-SC10	OPS	The project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter, that include operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein. The Quarterly Operation Report will specifically note or highlight incidences of noncompliance.	Submit the Quarterly Operation Reports to the CPM and APCO no later than 30 days following the end of each calendar quarter.	30 days following end of calendar quarter	Q2 2013	
AQ-SC11	OPS	The project owner shall perform quarterly cooling tower recirculating water quality testing, or shall provide for continuous monitoring of conductivity as an indicator, for total dissolved solids content.	Submit to the CPM cooling tower recirculating water quality tests or a summary of continuous monitoring results and daily recirculating water flow in the Quarterly Operation Report (AQ-SC10). If the project owner uses continuous monitoring of conductivity as an indicator for total dissolved solids content, the project owner shall submit data supporting the calibration of the conductivity meter and the correlation with total dissolved solids content at least once each year in a Quarterly Operation Report (AQ-SC10).	Include in QOR	Q2 2013	
AQ-SC12	OPS	The cooling tower daily PM10 emissions shall be limited to 10.7 lb/day. The cooling tower shall be equipped with a drift eliminator to control the drift fraction to 0.0005 percent of the circulating water flow. The project owner shall estimate daily PM10 emissions from the cooling tower using the water quality testing data or continuous monitoring data and daily circulating water flow data collected on a quarterly basis. See AQ-SC12 for more details.	Submit to the CPM daily cooling tower PM10 emission estimates in the Quarterly Operation Report (AQ-SC10).	Include in QOR	Q2 2013	
CIVIL-02a	CONS	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions.	Notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Within 24 hours of discovery	As required	
CIVIL-02b	CONS	The project owner shall submit modified plans, specifications and calculations to the CBO based on these new conditions. The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area [2001 CBC, Section 104.2.4. Stop orders].	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.	Within 24 hours of CBO approval to resume earthwork	As required	

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CIVIL-03a	CONS	The project owner shall perform inspections in accordance with the 2001 CBC, Chapter 1, Section 108, Inspections; Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection; and Appendix Chapter 33, Section 3317, Grading Inspection. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer and the CBO [2001 CBC, Appendix Chapter 33, Section 3317.7, Notification of Noncompliance]. The project owner or resident engineer shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	The project owner or resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM.	Within five days of the discovery of any discrepancies	As required	
CIVIL-03b	CONS	A list of NCRs, for the reporting month, shall also be included in the following Monthly Compliance Report.	Include the required documentation in the MCR.	Include in MCR	12/14/2011	
CIVIL-04a	CONS	After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans [2001 CBC, Section 3318, Completion of Work].	Submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, with a copy of the transmittal letter to the CPM.	Within 30 days (or project owner and CBO approved alternative timeframe) of the completion of the erosion and sediment control mitigation and drainage work	Q3/Q4 2012	
CIVIL-04b	CONS	The project owner shall submit a copy of the CBO's approval to the CPM in the next Monthly Compliance Report.	Include the required documentation in the MCR.	Include in MCR	12/14/2011	
COM-01	CONS	The CPM, responsible Energy Commission staff, and delegate agencies or consultants shall be guaranteed and granted unrestricted access to the power plant site, related facilities, project-related staff, and the records maintained on site, for the purpose of conducting audits, surveys, inspections, or general site visits. Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time.	Owner and Contractor shall give CEC staff access as required by this condition.	Ongoing	Ongoing	
COM-02	CONS	Compliance Record--The files are to contain copies of all "as-built" drawings, all documents submitted as verification for conditions, and all other project-related documents. Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files.	Owner and Contractor shall give CEC staff access as required by this condition.	Ongoing	Ongoing	
COM-03	CONS	Each condition of certification is followed by a means of verification. The verification describes the Energy Commission's procedure(s) to ensure post-certification compliance with adopted conditions. The verification procedures, unlike the conditions, may be modified as necessary by the CPM, and in most cases without full Energy Commission approval. See condition COM-3 for details	See condition COM-3 for details on verification options and timeframes	Ongoing	Ongoing	
COM-05a	CONS	A compliance matrix shall be submitted by the project owner to the CPM along with each monthly and annual compliance report. The compliance matrix is intended to provide the CPM with the current status of all conditions of certification in a spreadsheet format. The compliance matrix must identify specific items in a specific format. See COM-05 for details	Submit a compliance matrix with each MCR and ACR. Satisfied conditions do not need to be included in the compliance matrix after they have been identified as satisfied in at least one monthly or annual compliance report.	Include in MCR	12/14/2011	
COM-05b	OPS	A compliance matrix shall be submitted by the project owner to the CPM along with each monthly and annual compliance report. The compliance matrix is intended to provide the CPM with the current status of all conditions of certification in a spreadsheet format. The compliance matrix must identify specific items in a specific format. See COM-05 for details	Submit a compliance matrix with each MCR and ACR. Satisfied conditions do not need to be included in the compliance matrix after they have been identified as satisfied in at least one monthly or annual compliance report.	Include in ACR	Q4 2013	

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COM-06	CONS	Monthly Compliance Report - The first Monthly Compliance Report is due one month following the Energy Commission business meeting date upon which the project was approved, unless otherwise agreed to by the CPM. The first Monthly Compliance Report shall include an initial list of dates for each of the events identified on the Key Events List.	During pre-construction and construction of the project, the project owner or authorized agent shall submit an original and eight copies of the Monthly Compliance Report within 10 working days after the end of each reporting month. Monthly Compliance Reports shall be clearly identified for the month being reported. The reports shall contain specific information. See COM-06 for details	Include in MCR	12/14/2011	
COM-07	OPS	After construction is complete, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports. The reports are for each year of commercial operation and are due to the CPM each year at a date agreed to by the CPM. Annual Compliance Reports shall be submitted over the life of the project unless otherwise specified by the CPM. Each Annual Compliance Report shall identify the reporting period and shall contain the following: See COM-7 for details	See COM-07 for details.	Include in ACR	Q4 2013	
COM-08	CONS	Confidential Information -- Any information that the project owner deems confidential shall be submitted to the Energy Commission's Dockets Unit with an application for confidentiality pursuant to Title 20, California Code of Regulations, section 2505(a). Any information that is determined to be confidential shall be kept confidential as provided for in Title 20, California Code of Regulations, section 2501 <i>et seq</i>		As required	As required	
COM-09	CONS	Pursuant to the provisions of Section 25806(b) of the Public Resources Code, the project owner is required to pay an annual fee currently sixteen thousand eight hundred fifty dollars (\$16,850), which will be adjusted annually on July 1.	The initial payment is due on the date the Energy Commission adopts the final decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification. The payment instrument shall be made payable to the California Energy Commission and mailed to: Accounting Office MS-02, California Energy Commission, 1516 9th St., Sacramento, CA 95814.	Annually on July 1	7/1/2012	CEC will send an invoice to WCE LLC
COM-10b	CONS	In addition to the monthly and annual compliance reporting requirements, the project owner shall report and provide copies to the CPM of all complaint forms, notices of violation, notices of fines, official warnings, and citations, within 10 days of receipt.	Complaints shall be logged and numbered. Complaints shall be recorded on the complaint form (Attachment A) or equivalent submittal.	Within 10 days of receipt	As required	
COM-11	OPS	Planned Facility Closure -- In order to ensure that a planned facility closure does not create adverse impacts, a closure process that provides for careful consideration of available options and applicable laws, ordinances, regulations, standards, and local/regional plans in existence at the time of closure, will be undertaken.	To ensure adequate review of a planned project closure, the project owner shall submit a proposed facility closure plan to the Energy Commission for review and approval at least 12 months (or other period of time agreed to by the CPM) prior to commencement of closure activities. The project owner shall file 120 copies (or other number of copies agreed upon by the CPM) of a proposed facility closure plan with the Energy Commission. The plan shall include all topics detailed in COM-11. See COM-11 for details	12 months prior to planned closure	TBD	
COM-12a	CONS	Unplanned Temporary Facility Closure/On-Site Contingency Plan -- In order to ensure that public health and safety and the environment are protected in the event of an unplanned temporary facility closure, it is essential to have an on-site contingency plan in place. The on-site contingency plan will help to ensure that all necessary steps to mitigate public health and safety impacts and environmental impacts are taken in a timely manner.	Submit an on-site contingency plan for CPM review and approval. The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times.	No less that 60 days (or other time agreed to by the CPM) prior to commencement of commercial operation	3/2/2013	
COM-12b	CONS	The project owner, in consultation with the CPM, will update the on-site contingency plan as necessary. The CPM may require revisions to the on-site contingency plan over the life of the project.	In the annual compliance reports submitted to the Energy Commission, the project owner will review the on-site contingency plan, and recommend changes to bring the plan up to date. Any changes to the plan must be approved by the CPM. 3) Contractor shall support plan development as needed. See COM-11 for details.	Include in ACR	Q4 2011	

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COM-13	CONS	The on-site contingency plan required for unplanned temporary closure shall also cover unplanned permanent facility closure. All of the requirements specified for unplanned temporary closure shall also apply to unplanned permanent closure. In addition, the on-site contingency plan shall address how the project owner will ensure that all required closure steps will be successfully undertaken in the event of abandonment.	In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail, within 24 hours and shall take all necessary steps to implement the on-site contingency plan. The project owner shall keep the CPM informed of the status of all closure activities. A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.	Notify CPM and other agencies within 24 hrs of decision for permanent closure	TBD	
COM-14	CONS	Post Certification Changes to the Energy Commission Decision: Amendments, Ownership Changes, Insignificant Project Changes and Verification Changes -- The project owner must petition the Energy Commission pursuant to Title 20, California Code of Regulations, section 1769, in order to modify the project (including linear facilities) design, operation or performance requirements, and to transfer ownership or operational control of the facility. It is the responsibility of the project owner to contact the CPM to determine if a proposed project change should be considered a project modification pursuant to section 1769. Implementation of a project modification without first securing Energy Commission, or Energy Commission staff approval, may result in enforcement action that could result in civil penalties in accordance with section 25534 of the Public Resources Code.	A petition is required for amendments and for insignificant project changes as specified in the condition. For verification changes, a letter from the project owner is sufficient. In all cases, the petition or letter requesting a change should be submitted to the CPM, who will file it with the Energy Commission's Dockets Unit in accordance with Title 20, California Code of Regulations, section 1209. The criteria that determine which type of approval and the process that applies are explained in more detail in COM-14. They reflect the provisions of Section 1769 at the time this condition was drafted. If the Commission's rules regarding amendments are amended, the rules in effect at the time an amendment is requested shall apply. See COM-14 for more detail	As Required		Air Quality Amendment filed on 3/18/11; need CEC approval by 6/1/11.
CUL-01d	CONS	If additional CRMs are obtained during the project, the CRS shall provide additional letters to the CPM identifying the CRMs and attesting to the <u>qualifications of the CRMs</u>	Submit the required letter to the CPM.	At least five days prior to the CRMs beginning on-site duties	As required	
CUL-01e	CONS	Prior to beginning specialized technical tasks, the resume(s) of any additional technical specialists shall be provided to the CPM for review and approval.	Submit the required resumes to the CPM.	At least 10 days prior to beginning specialized tasks	As required	
CUL-02c	CONS	Provide subject documents to CRS, if not previously provided.	Provide subject maps and drawings to CRS, and notify CPM and CRS in writing to identify the proposed schedule of each project phase.	At least 15 days prior to each phase, if construction is phased	As required	
CUL-02e	CONS	On a weekly basis, a current schedule of anticipated project activity shall be <u>provided to the CRS and CPM by letter, email, or fax.</u>	Provide a current schedule of anticipated project activity to the CRS and CPM by <u>letter, email, or fax.</u>	On a weekly basis during construction	11/28/2011	
CUL-02f	CONS	If compliance documents are being submitted in keeping with a phased project schedule, provide written notice of any changes to the scheduling of construction <u>phases to the CRS and CPM.</u>	Provide written notification of changes to the scheduling of construction phases to the CRS and CPM.	Within 5 days of identifying any changes to the scheduling of construction phases	As required	
CUL-04a	CONS	Submit the Cultural Resources Report (CRR) to the CPM for approval. All survey reports and other research reports not previously submitted to the CA Historic Resource Information Office and State Historic Preservation Officer shall be included as an appendix to the CRR. See Cul-4 for additional detail.	Submit the subject CRR to the CPM for review and approval.	Within 90 days after completion of all ground disturbance (including landscaping)	Q3/Q4 2012	
CUL-04b	CONS	Provide documentation to the CPM that copies of the CRR have been provided to the SHPO, the CHRIS, and the curating institution (if archaeological materials were collected and curated).	Provide the required documentation to the CPM.	Within 10 days after CPM approval of the CRR	Q3/Q4 2012	
CUL-05b	CONS	Provide in the Monthly Compliance Report the WEAP Certification of Completion forms of persons who have completed the training in the prior month and a running total of all persons who have completed training to date.	Include the required documentation in the MCR.	Include in MCR	12/14/2011	
CUL-06b	CONS	At the beginning of each week following monitoring, the CRS shall provide copies of the legibly handwritten daily logs of the monitors to the CPM as emails or in <u>some other form acceptable to the CPM.</u>	The CRS shall provide copies of daily monitoring logs to the CPM.	At the beginning of each week during monitoring activity	Weekly	
CUL-06c	CONS	While monitoring is on-going, the project owner shall include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS. Copies of daily logs shall be retained by the project owner on-site <u>during construction.</u>	Include the required information in the MCR.	Include in MCR	12/14/2011	

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CUL-06d	CONS	If the CRS determines that full-time monitoring is not necessary in certain locations, a letter or e-mail providing a detailed justification for the decision to reduce the level of monitoring shall be provided to the CPM for review and approval at least 24 hours prior to any reduction in monitoring.	Provide the required justification letter to the CPM for review and approval.	At least 24 hours prior to any reduction in monitoring	As required	
CUL-06e	CONS	The CRS and/or the project owner shall notify the CPM by telephone or e-mail within 24 hours of any incidents of non-compliance with the Cultural Resources conditions of certification and/or applicable LORS, upon becoming aware of the situation. The CRS shall also recommend corrective action to resolve the problem or achieve compliance with the conditions of certification.	Provide required notification to CPM.	Within 24 hours of any incidents of non-compliance	As required	
CUL-06f	CONS	When the incident of non-compliance (see CUL-06e) is resolved, the CRS shall write a report describing the issue, the resolution of the issue, and the effectiveness of the resolution measures. This report shall be provided in the next <u>Monthly Compliance Report (MCR)</u> .	Provide required documentation in MCR.	Include in MCR	12/14/2011	
CUL-07	CONS	A Native American monitor or monitors shall be obtained to monitor preconstruction site mobilization, construction ground disturbance, construction grading, boring, and trenching and construction (including landscaping) in areas where ground disturbance exceeds three feet and in areas where Native American artifacts may be discovered. Lists of concerned Native Americans, with contact information, and guidelines for monitoring shall be obtained from the Native American Heritage Commission. Preference in selecting a monitor or monitors shall be given to Native Americans with traditional ties to the area that shall be monitored.	Send notification to the CPM identifying the person(s) retained to conduct Native American monitoring in areas where there is potential to discover Native American artifacts. The project owner shall also provide a plan identifying the proposed monitoring schedule and information explaining how Native Americans who wish to provide comments will be allowed to comment. The project owner shall also ensure that the CRS informs Native American groups of any discoveries of Native American archaeological material. If efforts to obtain the services of a qualified Native American monitor are unsuccessful, the project owner shall immediately inform the CPM. The CPM will either identify potential monitors or will allow ground disturbance to proceed without a Native American monitor.	Within one day of obtaining a Native American monitor	As required	
CUL-08a	CONS	The project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday.	For discovered cultural material that cannot be treated prescriptively, completed DPR form 523s shall be submitted to the CPM for review and approval no later than 48 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever is more appropriate for the subject cultural material	Within 24 hours of a discovery	As required	
ELEC-01a	CONS	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher, listed below, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, Submit, for CBO design review and approval, the proposed final design, specifications and calculations. Upon approval, the listed plans, together with design changes and design change notices, shall remain on the site or another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS [2001 CBC, Section 108.4, Approval Required, and Section 108.3, Inspection Requests]. See ELEC-1 for details.	Submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of each increment of electrical construction	Q3/Q4 2012	
ELEC-01b	CONS	The project owner shall send the CPM a copy of the transmittal letter in the next MCR.	Include in MCR.	Include in MCR	12/14/2011	

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Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
GEN-01a	CONS	The project owner shall design, construct and inspect the project in accordance with the 2001 California Building Standards Code (CBCS) (also known as Title 24, California Code of Regulations). The project owner shall insure that all the provisions of the above applicable codes be enforced during any construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility [2001 CBC, Section 101.3, Scope]. The project owner shall insure that all contracts with contractors, subcontractors and suppliers shall clearly specify that all work performed and materials supplied on this project comply with the codes listed above. See Gen-1 for more detail	Submit to the Compliance Project Manager (CPM) a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Energy Commission's Decision have been met in the area of facility design. The project owner shall provide the CPM a copy of the Certificate of Occupancy within 30 days of receipt from the CBO [2001 CBC, Section 109 – Certificate of Occupancy].	Within 30 days after receipt of the Certificate of Occupancy	Q1/Q2 2013	
GEN-01b	CONS	Once the Certificate of Occupancy has been issued, the project owner shall inform the CPM prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility which may require CBO approval for the purpose of complying with the above stated codes. The CPM will then determine the necessity of CBO approval <u>on the work to be performed</u> .	Inform the CPM if necessary.	At least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance	Q1/Q2 2013	
GEN-02b	CONS	Provide updates to schedule of facility design submittals in the Monthly Compliance Report.	Include in MCR.	Include in MCR	12/14/2011	
GEN-03	CONS	The project owner shall make payments to the CBO for design review, plan check and construction inspection based upon a reasonable fee schedule to be negotiated between the project owner and the CBO. These fees may be consistent with the fees listed in the 2001 CBC [Chapter 1, Section 107 and Table 1-A, Building Permit Fees; Appendix Chapter 33, Section 3310 and Table A-33-A, Grading Plan Review Fees; and Table A-33-B, Grading Permit Fees], adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be as otherwise agreed <u>by the project owner and the CBO</u> .	Make the required payments to the CBO in accordance with the agreement between the project owner and the CBO. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next Monthly Compliance Report indicating that the applicable fees have been paid.	Include in MCR	12/14/2011	
GEN-04b	CONS	If the RE or the delegated engineers are reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer.	If the RE or the delegated engineer(s) are subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of <u>the approval</u> .	Within 5 days of replacement	As required	
GEN-05b	CONS	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer <u>within five days of the approval</u> .	Submit the resume and registration number of the replacement engineer within five days of replacement. Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Within 5 days of replacement	As required	
GEN-06b	CONS	The project owner shall also submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next Monthly Compliance Report.	Include the required documentation in the MCR.	Include in MCR	12/14/2011	
GEN-06c	CONS	If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned <u>special inspector to the CBO for approval</u> .	The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	Within 5 days of replacement	As required	
GEN-07a	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend the corrective action required [2001 CBC, Chapter 1, Section 108.4, Approval Required; Chapter 17, Section 1701.3, Duties and Responsibilities of the Special Inspector; Appendix Chapter 33, Section 3317.7, Notification of Noncompliance]. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, the applicable sections of the CBC and/or other LORS.	The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next Monthly Compliance Report.	Include in MCR	12/14/2011	

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Compliance Matrix Based on CEC 2008 Final Decision

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
GEN-07b	CONS	If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Advise CPM of reason for corrective action disapproval and submit revised corrective action to CBO.	Within 5 days of disapproval of corrective action	As required	
GEN-08a	CONS	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project [2001 CBC, Section 106.4.2, Retention of Plans]. Electronic copies of the approved plans, specifications, calculations and marked-up as-builts shall be provided to the CBO for retention by the CPM.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next Monthly Compliance Report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans. After storing final approved engineering plans, specifications and calculations as described above, the project owner shall submit to the CPM a letter stating that the above documents have been stored and indicate the storage location of such documents.	Within 15 days of completion of any work	As required	
GEN-08b	CONS	Provide copy of written notice to CBO described in GEN-08a to CPM in next MCR.	Provide subject documents to CPM in next MCR.	Include in MCR	12/14/2011	
GEN-08c	CONS	The project owner shall retain one set of approved engineering plans, specifications and calculations (including all approved changes) at the project site or at another accessible location during the operating life of the project [2001 CBC, Section 106.4.2, Retention of Plans].	Submit to the CPM a letter stating that the above documents have been stored and indicate the storage location of such documents.	After storing final approved engineering plans, specifications, and calculations	As required	
GEN-08d	CONS	Provide to the CBO three sets of electronic copies of the above documents at the project owner's expense. These are to be provided in the form of "read only" adobe PDF 6.0 files, with restricted printing privileges (i.e. password protected), on archive quality compact discs.	Provide the required copies to the CBO.	Within 90 days of the completion of construction	7/30/2013	
HAZ-01	CONS	The project owner shall not use any hazardous materials not listed in the Application for Certification, or in greater quantities than those set forth in the AFC, unless approved in advance by the Compliance Project Manager (CPM).	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials and storage quantities contained at the facility.	Include in ACR	Q4 2011	
HAZ-02a	CONS	The project owner shall concurrently provide a Business Plan and a Risk Management Plan (RMP) to the Certified Unified Program Authority – (CUPA) (Los Angeles County Fire Department, Health Hazardous Materials Division) and the CPM for review at the time the RMP is first submitted to the U.S. Environmental Protection Agency (EPA). After receiving comments from the CUPA, the EPA, and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Business Plan and RMP shall then be provided to the CUPA and EPA for information and to the CPM for approval.	Prior to receiving any hazardous material on the site for commissioning or operations, provide a copy of a final Business Plan to the CPM for approval.	At least 60 days prior to receiving any hazardous material on the site for commissioning or operation	Q4 2011/Q1 2012	
HAZ-02b	CONS	The project owner shall provide the final RMP to the CUPA for information and to the CPM for approval.	Provide the final RMP to the CUPA and CPM.	At least 60 days prior to delivery of aqueous ammonia to the site	Q4 2011/Q1 2012	
HAZ-03	CONS	The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia. The plan shall include procedures, protective equipment requirements, training and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of aqueous ammonia with incompatible hazardous materials.	Provide a safety management plan as described above to the CPM for review and approval.	At least 60 days prior to the first delivery of aqueous ammonia to the facility	Q1/Q2 2013	
HAZ-04	CONS	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620. In either case, the storage tank shall be protected by a secondary containment basin capable of holding 125 percent of the storage volume or the storage volume plus the volume associated with 24 hours of rain assuming the 25-year storm. The final design drawings and specifications for the ammonia storage tank and secondary containment basins shall be submitted to the CPM.	Submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval.	At least 60 days prior to delivery of aqueous ammonia to the facility	Q1/Q2 2013	

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HAZ-05	CONS	The project owner shall ensure that no flammable material is stored within 50 feet of the sulfuric acid tank.	Provide copies of the facility design drawings showing the location of the sulfuric acid storage tank and the location of any tanks, drums, or piping containing any flammable materials.	At least 60 days prior to the first receipt of sulfuric acid on-site	Q1/Q2 2013	
HAZ-06	CONS	The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of U.S. DOT Code MC-307.	Submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	At least 60 days prior to the first receipt of aqueous ammonia on site	Q1/Q2 2013	
HAZ-07	CONS	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM (from State Route 60, to North Azusa Avenue, to East Gale Avenue to Bixby Drive, to the project site). The project owner shall submit any desired change to the approved delivery route to the CPM for review and approval.	Submit copies of the required transportation route limitation direction to the CPM for review and approval.	At least 60 days prior to receipt of any hazardous materials on site	Q4 2011/Q1 2012	
HAZ-09	CONS	In order to determine the level of security appropriate for this power plant, the project owner shall prepare a Vulnerability Assessment and submit that assessment as part of the Operations Security Plan to the CPM for review and approval. The project owner shall also prepare a site-specific Security Plan for the operational phase and shall be made available to the CPM for review and approval. The project owner shall implement site security measures addressing physical site security and hazardous materials storage. The level of security to be implemented will be determined by the results of the Vulnerability Assessment but in no case shall the level of security be less than that described as below (as per NERC 2002). See HAZ-9 for complete details on plan content and additional provisions.	Notify the CPM that a site-specific Vulnerability Assessment and Operations Site Security Plan are available for review and approval.	At least 30 days prior to the initial receipt of hazardous materials on-site	Q4 2011/Q1 2012	
MECH-01b	CONS	The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Submit required documentation in MCR.	Include in MCR	12/14/2011	
MECH-01c	CONS	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of said construction [2001 CBC, Section 106.3.2, Submittal Documents; Section 108.3, Inspection Requests; Section 108.4, Approval Required; 2001 California Plumbing Code, Section 103.5.4, Inspection Request; Section 301.1.1, Approval].	The responsible mechanical engineer shall stamp and sign all plans, drawings and calculations for the major piping and plumbing systems subject to the CBO design review and approval, and submit a signed statement to the CBO when the said proposed piping and plumbing systems have been designed, fabricated and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards.	Upon completion of construction	5/1/2013	
MECH-02a	CONS	For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by the applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of said installation [2001 CBC, Section 108.3, Inspection Requests]. See MECH-2 for specific references and additional requirements.	Submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of on-site fabrication or installation of any pressure vessel	4/17/2012	
MECH-02b	CONS	The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	Include in MCR.	Include in MCR	12/14/2011	

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MECH-03	CONS	The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. The project owner shall design and install all HVAC and refrigeration systems within buildings and related structures in accordance with the CBC and other applicable codes. Upon completion of any increment of construction, the project owner shall request the CBO's inspection and approval of said construction. The final plans, specifications and calculations shall include approved criteria, assumptions and methods used to develop the design. In addition, the responsible mechanical engineer shall sign and stamp all plans, drawings and calculations and submit a signed statement to the CBO that the proposed final design plans, specifications and calculations conform with the applicable LORS [2001 CBC, Section 108.7, Other Inspections; Section 106.3.4, Architect or Engineer of Record].	Submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of construction of any HVAC or refrigeration system	4/15/2012	
NOISE-02a	CONS	Throughout the construction and operation of the WCEP, the project owner shall document, investigate, evaluate, and attempt to resolve all project- related noise complaints. The project owner or authorized agent shall: 1. Use the Noise Complaint Resolution Form, or its equivalent, to document and respond to each noise complaint; 2. Attempt to contact the person(s) making the noise complaint within 24 hours; 3. Conduct an investigation to determine the source of noise related to the complaint; 4. If the noise is project related, take reasonable measures as acceptable to the CPM to reduce the noise at its source; and 5. Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts; and if obtainable, a signed statement by the complainant, stating that the noise problem is resolved to the complainant's satisfaction.	Within five days of receiving a noise complaint, file a copy of the Noise Complaint Resolution Form, with the local jurisdiction and the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within 5 days of receiving a noise complaint	As required	
NOISE-02b	OPS	Throughout the construction and operation of the WCEP, the project owner shall document, investigate, evaluate, and attempt to resolve all project- related noise complaints. The project owner or authorized agent shall: 1. Use the Noise Complaint Resolution Form, or its equivalent, to document and respond to each noise complaint; 2. Attempt to contact the person(s) making the noise complaint within 24 hours; 3. Conduct an investigation to determine the source of noise related to the complaint; 4. If the noise is project related, take reasonable measures as acceptable to the CPM to reduce the noise at its source; and 5. Submit a report documenting the complaint and the actions taken. The report shall include: a complaint summary, including final results of noise reduction efforts; and if obtainable, a signed statement by the complainant, stating that the noise problem is resolved to the complainant's satisfaction.	Within five days of receiving a noise complaint, file a copy of the Noise Complaint Resolution Form, with the local jurisdiction and the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Within 5 days of receiving a noise complaint	As required	
NOISE-04a	COMM	The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that operation of the project will not cause noise levels attributable to plant operation, during the four quietest consecutive hours of the nighttime, to exceed an average of 52 dBA measured near the intersection of Fieldgate Avenue and Folger Street (monitoring location M2) and near the intersection of Inyo Street and Roxham Avenue (monitoring location M4). See Noise-4 for complete details on provisions specific to this condition.	The survey shall take place within 30 days of the project first achieving a sustained output of 90 percent or greater of rated capacity.	Within 30 days of reaching 90% rated capacity	Q1/Q2 2013	

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NOISE-04b	COMM	The project owner shall submit a summary report of the survey to the CPM. Included in the survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM approval, for implementing these measures. When these measures are in place, the project owner shall repeat the noise survey.	Submit the summary report of the survey to the CPM.	Within 15 days after completing the survey	Q1/Q2 2013	
NOISE-04c	COMM	When the measures of NOISE-04b are in place, the project owner shall repeat the noise survey.	Submit to the CPM a summary report of the new noise survey, performed as described above and showing compliance with this condition.	Within 15 days of completion of the new survey	Q1/Q2 2013	
NOISE-05	OPS	Following the project first achieving a sustained output of 90 percent or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. The project owner shall prepare a report of the survey results and, if necessary, identify proposed mitigation measures that will be employed to comply with the applicable California and federal regulations.	Submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request by OSHA or Cal-OSHA.	Within 30 days after completing the survey	TBD	
NOISE-07a	COMM	In the event that a legitimate nighttime noise complaint under Noise Condition NOISE-2 is made by an owner of an existing residence located near monitoring locations M2 and M4 but not resolved by off-site mitigation to the verified satisfaction of the complainant or by on-site mitigation to the satisfaction of the CPM and the CPM determines the project was operating during the four quietest consecutive hours of the nighttime (0100 to 0500) and the noise attributable to such operation was greater than 49 dBA at the complainant's residence, the Project Owner shall limit such operation during the four quietest consecutive hours of the nighttime (0100 to 0500) so that the noise attributable to the project is no more than 49 dBA at the complainant's residence. The limitation on project operation shall not apply if the project is dispatched to avoid or during a Cal-ISO-declared Electrical Emergency, as determined by the Cal-ISO.	Notify by mail all residents within 1,750 feet of the project boundary of the start of commercial operation. The notice shall inform residents of the Noise Complaint Resolution process under Condition of Certification NOISE-2.	15 days prior to commercial operation	4/15/2013	
NOISE-07b	COMM	Within 10 days of the CPM determining that a complaint is legitimate and the project was operating during the four quietest consecutive hours of the nighttime in excess of 49 dBA at the complainant's residence, the project owner shall limit project operation during the four quietest consecutive hours of the nighttime (0100 to 0500) so that noise attributable to project operation does not exceed 49 dBA	Project owner shall limit project operation during the four quietest consecutive hours of the nighttime (0100 to 0500) so that noise attributable to project operation does not exceed 49 dBA.	Within 10 days of the CPM determining that a complaint is legitimate	As required	
NOISE-07c	COMM	If the project is dispatched to operate during the four quietest hours of the nighttime (0100 to 0500) to avoid , or during, a Cal-ISO declared emergency, verification of Cal- ISO's determinations shall be provided to the CPM within 3 business days after the actual or pending electrical emergency.	The form of the verification shall be a Cal-ISO Alert Warning and Emergency Notice (AWE Notice) for Southern California documenting such actual or pending electrical emergency.	Within 3 business days after actual or pending electrical emergency	As required	
PAL-01c	CONS	Prior to the termination or release of a PRS, the project owner shall submit the resume of the proposed new PRS to the CPM for review and approval.	Submit the resume of the proposed new PRS to the CPM for review and approval.	As required	As required	
PAL-02c	CONS	If there are changes to the scheduling of the construction phases, the project owner shall inform the PRS and submit an updated schedule to the CPM within 5 days of identifying the changes.	Provide the required documentation to the CPM.	Within 5 days of identifying any changes to the scheduling of construction phases	As required	
PAL-04b	CONS	In the Monthly Compliance Report (MCR) the project owner shall provide copies of the WEAP Certification of Completion forms with the names of those trained and the trainer or type of training (in-person or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date	Provide WEAP Certification of Completion forms and running total of all persons who have completed the training to date in MCR.	Include in MCR	12/14/2011	

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PAL-04c	CONS	If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.	Submit qualifications of trainer to CPM for review and approval.	Prior to installation of alternate trainer	As required	
PAL-05a	CONS	The project owner shall ensure that the PRS and PRM(s) monitor consistent with the PRMMP all construction-related grading, excavation, trenching, and augering in areas where potentially fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. In the event that the PRS determines full time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. The project owner shall ensure that the PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. The project owner shall ensure that there is no interference with monitoring activities unless directed by the PRS. See PAL-5 for additional requirements.	Ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR.	Include in MCR	12/14/2011	
PAL-05b	CONS	When feasible, the CPM shall be notified 10 days in advance of any proposed changes in monitoring different from the plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible and must be approved by the CPM prior to implementation of the change.	Notify CPM of changes in monitoring.	10 days in advance of any proposed changes in monitoring	As required	
PAL-06	CONS	The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during the project construction.	Maintain in their compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists. The project owner shall maintain these files for a period of three years after completion and approval of the CPM-approved Paleontological Resource Report (See PAL-7). The project owner shall be responsible to pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	From retention of PRS until 3 years after project completion and approval of PRR	Q2 2016	
PAL-07	CONS	The project owner shall ensure preparation of the Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of the ground disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information and submitted to the CPM for review and approval. The report shall include, but is not limited to, a description and inventory of recovered fossil materials; a map showing the location of paleontological resources encountered; determinations of sensitivity and significance; and a statement by the PRS that project impacts to paleontological resources have been mitigated below the level of significance.	After completion of ground disturbing activities, including landscaping, submit the Paleontological Resources Report under confidential cover to the CPM.	Within 90 days after completion of ground disturbing activities, including landscaping	7/30/2012	
PUBLIC HEALTH-01	COMM	The project owner shall develop and implement a Cooling Water Management Plan to ensure that the potential for bacterial growth in cooling water is controlled. The Plan shall be consistent with either Staff's "Cooling Water Management Program Guidelines" or with the Cooling Technology Institute's "Best Practices for Control of Legionella" guidelines.	Provide the Cooling Water Management Plan to the CPM for review and approval	At least 30 days prior to the commencement of cooling tower operations	8/12/2012	
STRUC-01b	CONS	Submit to the CPM, in the next Monthly Compliance Report a copy of a statement from the CBO that the proposed structural plans, specifications and calculations have been approved and are in compliance with the requirements set forth in the applicable engineering LORS.	Include the required documentation in the MCR.	Include in MCR	12/14/2011	

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STRUC-02a	CONS	The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval: concrete cylinder strength test reports, concrete pour sign-off sheets, bolt torque inspection reports, field weld inspection reports, and reports covering other structural activities requiring special inspections. See STRUC-2 for related details.	Submit required documentation to CBO.	Following completion of subject work	As required	
STRUC-02b	CONS	If a discrepancy is discovered in any of the submitted data, prepare and submit an NCR describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM [2001 CBC, Chapter 17, Section 1701.3, Duties and Responsibilities of the Special Inspector]. The NCR shall reference the Condition(s) of Certification and the applicable CBC chapter and section. Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Submit required documentation to CBO and CPM.	Within 5 days of discovery of a discrepancy	As required	
STRUC-02c	CONS	Transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	Submit required documentation to CPM.	Within 15 days of CBO approval or disapproval of corrective action	As required	
STRUC-03a	CONS	The project owner shall submit to the CBO design changes to the final plans required by the 2001 CBC, Chapter 1, Section 106.3.2, Submittal documents and Section 106.3.3, Information on plans and specifications, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above- mentioned documents to the CBO, with a copy of the transmittal letter to the CPM. The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	On schedule suitable to CBO	As required	
STRUC-03b	CONS	The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	Notify CPM of CBO approval of revised plans.	Include in MCR	12/14/2011	
STRUC-04a	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in Chapter 3, Table 3-E of the 2001 CBC shall, at a minimum, be designed to comply with the requirements of that Chapter.	Submit to the CBO for design review and approval final design plans, specifications and calculations, including a copy of the signed and stamped engineer's certification.	At least 30 days (or project owner and CBO approved alternate timeframe) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	Q2/Q3 2012	
STRUC-04b	CONS	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the following Monthly Compliance Report. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Include in MCR.	Include in MCR	12/14/2011	
TLSN-01	CONS	The project owner shall construct the proposed transmission lines according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2. High Voltage Electrical Safety Orders, Sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF-reduction guidelines	Submit to the Compliance Project Manager (CPM) a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the condition.	At least thirty days before starting construction of the transmission line or related structures and facilities	Q2/Q3 2012	

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Compliance Matrix Based on CEC 2008 Final Decision

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
TLSN-02	OPS	The project owner shall ensure that every reasonable effort will be made to identify and correct, on a case-specific basis, any complaints of interference with radio or television signals from operation of the project-related lines and associated switchyards. The project owner shall maintain written records for a period of five years, of all complaints of radio or television interference attributable to plant operation together with the corrective action taken in response to each complaint. All complaints shall be recorded to include notations on the corrective action taken. Complaints not leading to a specific action or for which there was no resolution should be noted and explained. The record shall be signed by the project owner and also the complainant, if possible, to indicate concurrence with the corrective action or agreement with the justification for a	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.	Include in ACR	Q4 2013	
TLSN-03	CONS	The project owner shall hire a qualified consultant to measure the strengths of the electric and magnetic fields from the line before and after it is energized. The measurements shall be made according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures at the locations of maximum field strengths along the proposed route. These measurements shall be completed not later than six months after the start of operations.	File copies of the pre-and post-energization measurements and measurements with the CPM.	Within 60 days after completion of the measurements.	Q3/Q4 2012	
TLSN-04	OPS	The project owner shall ensure that the rights-of-way of the proposed transmission line are kept free of combustible material, as required under the provisions of Section 4292 of the Public Resources Code and Section 1250 of Title 14 of the California Code of Regulations.	During the first five years of plant operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of-way and provide such summaries in the Annual Compliance Report.	Include in ACR	Q4 2013	
TLSN-05	COMM	The project owner shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership. In the event of a refusal by any property owner to permit such grounding, the project owner shall so notify the CPM. Such notification shall include, when possible, the owner's written objection. Upon receipt of such notice, the CPM may waive the requirement for grounding the object involved.	Transmit to the CPM a letter confirming compliance with this Condition.	At least 30 days before the lines are energized	Q3/Q4 2012	
TRANS-01	CONS	Prior to any ground disturbance within the public right-of-way (e.g., highway, road, bicycle path, pedestrian path), the project owner or its contractor(s) shall secure an encroachment permit demonstrating compliance with the applicable requirements of the City of Industry, the County of Los Angeles (if applicable), and Caltrans (if applicable) for encroachment into the public right-of-way.	Provide to the CPM copies of the encroachment permit(s) issued/approved by the City of Industry Engineering Department, the Los Angeles County Department of Public Works, and/or Caltrans. In addition, the project owner shall retain copies of the issued/approved permit(s) and supporting documentation in its compliance file for a minimum of 180 calendar days after the start of commercial operation.	Prior to ground disturbance in public right-of-way	As required	
TRANS-02c	CONS	Provide a copy of the operation phase parking plan to the CPM for review and approval.	Submit the required plan to the CPM for review and approval.	At least 60 calendar days prior to the start of commercial operation	3/1/2013	
TRANS-04b	OPS	The project owner shall meet with the CPM, the City of Industry Engineering Department, the Los Angeles County Department of Public Works, and Caltrans to identify sections of public right-of-way to be repaired, to establish a schedule to complete the repairs and to receive approval for the action(s). Following completion of any public right-of-way repairs, the project owner shall provide to the CPM a letter signed by the City of Industry Engineering Department, and the Los Angeles County Department of Public Works, and Caltrans stating their satisfaction with the repairs.	Provide the required letter to the CPM.	Within 60 calendar days after completion of construction	6/30/2013	

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TRANS-05	COMM	Prior to the start of commercial operation the project owner shall submit written notification to the Los Angeles County Sheriff's Department Aero Bureau informing them of the start of commercial operation date for the power plant, and advising it that potential turbulence caused by thermal plumes emitted from the power plant's cooling towers and combustion turbine generator stacks may adversely affect aircraft flying directly over the power plant below an elevation of 500 feet above ground level. The project owner shall provide a copy of the Los Angeles County Sheriff's Department Aero Bureau written comments, if any, to the CPM for review.	Prior to the start of commercial operation, the project owner shall provide to the CPM a copy of the transmittal letter submitted to the Los Angeles County Sheriff's Department Aero Bureau. The project owner shall provide any written comment(s) received on the written notification from the Los Angeles County Sheriff's Department Aero Bureau to the CPM for review.	At a time prior to the start of commercial operation	4/17/2013	
TSE-01a	CONS	The project owner shall furnish to the Compliance Project Manager (CPM) and to the Chief Building Official (CBO) a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. To facilitate audits by Energy Commission staff, the project owner shall provide designated packages to the CPM when requested.	Submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment (see a list of major equipment in Table 1: Major Equipment List below). Additions and deletions shall be made to the table only with CPM and CBO approval.	At least 60 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction	9/9/2011	Approved by CBO
TSE-01b	CONS	The project owner shall provide schedule updates in the Monthly Compliance Report.	Include in MCR.	Include in MCR	12/14/2011	
TSE-02b	CONS	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.	The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	As required	As required	
TSE-03	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action. (2001 California Building Code, Chapter 1, Section 108.4, Approval Required; Chapter 17, Section 1701.3, Duties and Responsibilities of the Special Inspector; Appendix Chapter 33, Section 3317.7, Notification of Noncompliance). The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition of certification.	Submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM within 15 days of receipt. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	Within 15 days of CBO approval or disapproval of corrective action	As required	
TSE-04a	CONS	For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	Submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction	Q3/Q4 2012	
TSE-04b	CONS	The following activities shall be reported 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.	Send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.	Include in MCR	12/14/2011	

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Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
TSE-05a	CONS	The project owner shall ensure that the design, construction and operation of the owner's proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall submit the required number of copies of the design drawings and calculations as determined by the CBO. See TSE-05 for details on required drawings and calcs. Inform the CBO and the CPM of any impending changes which may not conform to the facilities described in this condition and request approval to implement such changes.	Submit to the CBO for approval: a) Design drawings, specifications and calculations for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment. b) For each element of the transmission facilities identified above, the submittal package to the CBO shall contain the design criteria, a discussion of the calculation method(s), a sample calculation based on "worst case conditions" and a statement signed and sealed by the registered engineer in responsible charge, or other acceptable alternative verification, that the transmission element(s) will conform with the standards outlined in the condition. c) Electrical one-line diagrams signed and sealed by the registered professional electrical engineer in responsible charge, a route map, and an engineering description of equipment and the configurations covered by requirements TSE-5 a) through f) above. d) The final DFS, including a description of facility upgrades, operational mitigation measures, and/or SPS sequencing and timing if applicable, shall be provided concurrently to the CPM.	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agreed to by the project owner and CBO)	Q2/Q3 2012	
TSE-05b	CONS	Project owner shall inform the CBO and the CPM of any impending changes which may not conform to the facilities described in this condition and request approval to implement such changes.	Inform the CBO and CPM.	At least 60 days prior to the construction of transmission facilities		
TSE-06a	COMM	The project owner shall provide the following Notice to the California Independent System Operator prior to synchronizing the facility with the California transmission system:1) At least one week prior to synchronizing the facility with the grid for testing, provide the CAL ISO with a letter stating the proposed date of synchronization; and 2) at least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the ISO Outage Coordination Department.	Provide copies of the CAL ISO letter to the CPM when it is sent to the CAL ISO.	One week prior to initial synchronization with the grid	Q1/Q2 2013	
TSE-06b	COMM	The project owner shall contact the CAL ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 prior to synchronizing the facility with the grid for testing.	A report of conversation with the CAL ISO shall be provided electronically to the CPM.	At least one business day prior to synchronizing the facility with the grid for testing	Q1/Q2 2013	
TSE-07	COMM	The project owner shall be responsible for the inspection of the owner's transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order 95 or National Electric Safety Code (NESC); Title 8 of the California Code and Regulations (Title 8); Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", CAL ISO standards, National Electric Code (NEC) and related industry standards. In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	Transmit to the CPM and CBO a) "As built" engineering description(s) and one-line drawings of the electrical portion of the facilities signed and sealed by the registered electrical engineer in responsible charge. A statement attesting to conformance with CPUC General Order 95 or National Electric Safety Code (NESC); Title 8 of the California Code and Regulations (Title 8); Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", CAL ISO standards, National Electric Code (NEC) and related industry standards. b) An "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer in responsible charge or acceptable alternative verification. "As built" drawings of the electrical, mechanical, structural, and civil portion of the transmission facilities shall be maintained at the power plant and made available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan". c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.	Within 60 days after first synchronization of the project	Q2/Q3 2013	

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VIS-01a	CONS	The project owner shall color and finish the surfaces of all project structures and buildings visible to the public to ensure that they: (1) minimize visual intrusion and contrast by blending with the landscape; (2) minimize glare; and (3) comply with local design policies and ordinances. The transmission line conductors shall be non-specular and non-reflective, and the insulators shall be non-reflective and non-refractive. The project owner shall submit a surface treatment plan to the Compliance Project Manager (CPM) for review and approval. The project owner shall not request vendor final finish treatment of any buildings or structures during their manufacture, or perform final field treatment on any buildings or structures, until the project owner has received treatment plan approval by the CPM. The treatment plan shall include the subject matter detailed in this condition. See VIS-01 for details.	Submit the proposed treatment plan to the CPM for review and approval and simultaneously to the City of Industry Planning Department for review and comment. The project owner shall provide the CPM with the City's comments. If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	At least 60 days prior to applying vendor color(s) and finish(es) for structures or buildings to be surface treated during manufacture	8/1/2011 Resubmittal 9/26/2011	Comments from the CEC received 11/02/11
VIS-01b	CONS	Notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection; and shall submit one set of electronic color photographs from the Key Observation Points.	Notify the CPM.	Within 90 days after the start of commercial operation	7/30/2013	
VIS-01c	OPS	The project owner shall provide a status report regarding surface treatment maintenance in the Annual Compliance Report. The report shall specify a) the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year.	Include the required information in the ACR.	Include in ACR	Q4 2013	
VIS-02b	CONS	Within 10 days of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified in the General Conditions section including a proposal to resolve the complaint, and a schedule for implementation.	The project owner shall notify the CPM within 10 days after completing implementation of the proposal. A copy of the complaint resolution form report shall be included in the subsequent Monthly Compliance Report following complaint resolution.	As required	TBD	
VIS-03a	CONS	To the extent feasible, consistent with safety and security considerations and commercial availability, the project owner shall design and install all permanent exterior lighting such that a) obtrusive light and glare from on-site light fixtures is minimized from public viewing areas; b) lighting does not cause excessive reflected glare; c) direct lighting does not illuminate the nighttime sky; d) illumination of the project and its immediate vicinity is minimized, and e) the plan complies with local policies and ordinances. The project owner shall submit a lighting management plan to the CPM for review and approval and simultaneously to the City of Industry Planning Department for review and comment that includes the following. Subject matter to be addressed in the plan is detailed in VIS-3. See VIS 3 for details.	Contact the CPM to determine the required documentation for the lighting management plan. Submit to the CPM for review and approval and simultaneously to the City of Industry Planning Department for review and comment a lighting management plan. The project owner shall provide the City's comments to the CPM. If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a revised plan for review and approval by the CPM. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting management plan.	At least 60 days prior to ordering any permanent exterior lighting	Q3/Q4 2012	
VIS-03b	CONS	Prior to commercial operation, the project owner shall notify the CPM that the lighting has been completed and is ready for inspection.	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	Prior to commercial operation	4/17/2013	
VIS-03c	OPS	Within 10 days of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions including a proposal to resolve the complaint, and a schedule for implementation. A copy of the complaint resolution form report shall be submitted to the CPM within 30 days of complaint resolution.	Provide the complaint resolution form to the CPM.	As required	As required	
VIS-04b	OPS	Provide written documentation in each Annual Compliance Report to demonstrate that the cooling towers have consistently been operated within the above-specified design parameters, except as necessary to prevent damage to the cooling tower.	Provide subject documentation in each ACR.	Include in ACR	Q4 2013	

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VIS-04c	OPS	If determined to be necessary to ensure operational compliance, based on legitimate complaints received or other physical evidence of potential non-compliant operation, the project owner shall monitor the cooling tower operating parameters in a manner and for a period as specified by the CPM.	For each period that the cooling tower operation monitoring is required, the project owner shall provide to the CPM the cooling tower operating data within 30 days of the end of the monitoring period. The project owner shall include with this operating data an analysis of compliance and shall provide proposed remedial actions if compliance cannot be demonstrated.	Within 30 days of end of monitoring period	As required	
VIS-05	CONS	The project owner shall remove all evidence of the laydown area and linear-facility construction activities and shall restore the ground surface to its original or better condition. Unless precluded by the project's configuration, the project owner shall replace any vegetation or paving removed or damaged during project construction. The project owner shall submit a surface restoration plan to the CPM for review and approval.	Submit the surface restoration plan to the CPM for review and approval. If the CPM notifies the project owner that revisions to the surface restoration plan are needed, the project owner shall submit a revised plan to the CPM within 30 days.	At least 60 days prior to the start of commercial operation	3/1/2013	
VIS-05b	CONS	The project owner shall complete surface restoration.	Complete the surface restoration.	Within 90 days after the start of commercial operation	7/30/2013	
VIS-05c	CONS	The project owner shall notify the CPM that the restoration is ready for inspection.	Notify the CPM that restoration is ready for inspection.	Within 7 days after completion of surface restoration	Q2/Q3 2012	
WASTE-01	PC	The project owner shall provide the resume of a Registered Professional Engineer or Geologist, who shall be available for consultation during soil excavation and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies. The Registered PE or Geologist shall be given full authority by the project owner to oversee any earth moving activities that have the potential to disturb contaminated soil.	Submit resume to CPM for approval.	At least 30 days prior to the start of site mobilization	Resubmitted 10/31/11	Original Submittal Approved by CEC 5/12/11 Resubmittal pending CEC approval
WASTE-02a	CONS	If potentially contaminated soil is unearthed during excavation at either the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Registered Professional Engineer or Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and file a written report to the project owner and CPM stating the recommended course of action.	Submit any final reports filed by the Registered Professional Engineer or Geologist to the CPM.	Within 5 days of receiving final report	As required	
WASTE-02b	CONS	Depending on the nature and extent of contamination, the Registered Professional Engineer or Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If, in the opinion of the Registered Professional Engineer or Geologist, significant remediation may be required, the project owner shall contact representatives of the Department of Toxic Substances Control for guidance and possible oversight.	Notify the CPM of any orders issued to halt construction.	Within 24 hours of any orders issued to halt construction	As required	
WASTE-03b	OPS	The project owner shall obtain a hazardous waste generator identification number prior to generating any hazardous waste during operations.	Apply for and obtain a Hazardous Waste ID # and submit to the CEC for review and approval.	Prior to COD	TBD	
WASTE-04	CONS	Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the manner in which project-related wastes are managed.	Within 10 days of becoming aware of an impending enforcement action	As required	
WASTE-05b	OPS	The Operation Waste Management Plan shall be submitted to the CPM.	The project owner shall submit any required revisions within 20 days of notification by the CPM.	No less than 30 days prior to the start of project operation for approval	Q3/Q4 2012	
WASTE-05c	OPS	In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year and provide a comparison of the actual methods used to those the planned management methods proposed in the original Operation Waste Management Plan.	Include the required documentation in the ACR.	Include in ACR	Q4 2013	

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WASTE-07	OPS	The project owner shall ensure that the cooling tower sludge is tested pursuant to Title 22, California Code of Regulations, section 66262.10 and report the findings to the CPM.	The project shall include the results of sludge testing in a report provided to the CPM. If four consecutive tests show that the sludge is non-hazardous, the project owner may apply to the CPM to <u>discontinue testing.</u>	TBD	Q1/Q2 2013	
WATER QUAL & SOILS-01c	CONS	During construction, the project owner shall provide an analysis in the monthly compliance report on the effectiveness of the drainage, erosion and sediment control measures and the results of monitoring and maintenance activities. Once operational, the project owner shall provide in the annual compliance report information on the results of monitoring and maintenance activities <u>demonstrating the adequacy of all BMPs.</u>	Include the required documentation in the MCR.	Include in MCR	12/14/2011	
WATER QUAL & SOILS-01c	OPS	Once operational, the project owner shall provide in the annual compliance report information on the results of monitoring and maintenance activities <u>demonstrating the adequacy of all BMPs.</u>	Include the required documentation in the ACR.	Include in ACR	Q4 2013	
WATER QUAL & SOILS-02d	CONS	The project owner shall comply with the requirements of the NPDES Permit for Discharges of Stormwater Associated with Construction Activity. The project owner shall develop and implement a Construction SWPPP for the entire WCEP <u>site, lay down area, and all linear facilities.</u>	The project owner shall notify the CPM of any reported non-compliance with the Construction SWPPP.	As required	As required	
WATER QUAL & SOILS-03a	CONS	The project owner shall comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) Permit for Discharges of Storm water Associated with Industrial Activity. The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the operation of the entire WCEP site (Operational SWPPP), and shall submit copies to the CPM of all correspondence between the project owner and the RWQCB about the General <u>NPDES permit.</u>	Submit copies to the CPM of the Operational SWPPP for the entire WCEP site for review and approval. This information shall include a copy of the Notice of Intent.	At least 60 days prior to commercial operation	3/1/2013	
WATER QUAL & SOILS-03b	OPS	Following the commercial operation date, the project owner shall notify the CPM of any reported non-compliance with the SWPPP, any associated corrective <u>measures, and the results of implementing those measures.</u>	Submit any reported non-compliance and copies of all correspondence between the project owner and the RWQCB about <u>the General NPDES permit to the CPM.</u>	As needed following start of commercial operation	As required	
WATER QUAL & SOILS-04	CONS	The project owner shall obtain a Flood Permit and Water Quality Agreement for commercial connection of the WCEP's operational storm water system to the County's flood control system from Los Angeles County Flood Control District/Department of Public Works. WCEP shall comply with all storm water discharge requirements, including pretreatment, peak flow restrictions, payment of fees, and monitoring and reporting requirements as applicable. The CPM shall be notified by the project owner in writing of any reported non-compliance with the Water Quality Agreement's discharge requirements, including corrective measures for non-compliance and the results of implementing those measures. The project owner shall also prepare and comply with a Standard Urban Storm water Mitigation Plan (SUSMP).	Provide the CPM with a copy of its Water Quality Agreement for commercial connection to the County's flood control system from Los Angeles County Flood Control District/Department of Public Works. Provide evidence of compliance with the SUSMP. The CPM shall be notified by the project owner in writing within 10 days of any reported non-compliance with the Water Quality Agreement's discharge requirements, including corrective measures for non-compliance and the results of implementing those measures.	At least 30 days prior to WCEP commercial operation	4/1/2013	
WATER QUALITY AND SOILS -05		See WATER RES-4				
WATER QUALITY AND SOILS -06		See WATER RES-1				
WATER QUALITY AND SOILS -07		See WATER RES-2				
WATER QUALITY AND SOILS -08		See WATER RES-3				
WATER QUALITY AND SOILS -09	CONS	The project owner shall obtain a Permit for Industrial Wastewater Discharge and comply with the wastewater discharge limitations, pretreatment requirements, peak flow restrictions, dewatering discharges, payment of fees, and monitoring and reporting requirements of Los Angeles County Sanitation District.	Provide the CPM with a copy of its Permit for Industrial Wastewater Discharge from Los Angeles County Sanitation District. The CPM shall be notified by the project owner in writing within 10 days of any reported non-compliance with Los Angeles County Sanitation District's discharge requirements, including corrective measures for non-compliance and the results of implementing those measures.	At least 30 days prior to commercial operation	4/1/2013	

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WATER RES-01b	CONS	Prior to commercial operation, the project owner shall install and maintain metering devices as part of the WCEP reclaimed and potable water supply and distribution system to monitor and record in gallons per day the total volumes of water supplied to the WCEP from each water source. Those metering devices shall be operational for the life of the project.	Submit to the CPM proof that metering devices have been installed and are operational on the reclaimed and potable water supply distribution systems to WCEP. Water use may be based on metering or billings from the supplier. Any proposed changes in water supply that could cause an increase in WCEP's potable water use in excess of the limit specified in WATER RES-2 must first be approved by the CPM.	At least 60 days prior to commercial operation	3/1/2013	
WATER RES-01c	OPS	The project owner shall prepare an annual Water Use Summary, which will include the monthly range and monthly average of daily potable and reclaimed water usage in gallons per day, and total water used by the project on a monthly and annual basis in acre-feet. For subsequent years, the annual Water Use Summary shall also include the yearly range and yearly average water use by the project. The annual summary shall be submitted to the CPM as part of the annual compliance report, and shall include a report on the servicing, testing and calibration of the metering devices.	Submit a Water Use Summary to the CPM in the annual compliance report. The summary report shall distinguish between recorded water use of reclaimed and potable water. Included in the summary report of water use, the project owner shall submit copies of meter records documenting the quantities of reclaimed water provided. The project owner shall provide a report on the servicing, testing and calibration of the metering devices in the annual compliance report.	Include in ACR	Q4 2013	
WATER RES-02	OPS	The project owner shall not exceed 95 AF of potable water use per calendar year as emergency backup water supply, without written authorization from the CPM. The project owner shall monitor the use of emergency backup water and report estimated usage prior to any planned reclaimed water system outages, and report total usage to the CPM immediately after any occurrence when potable water is used as a backup water source. Potable water shall not be used for cooling, process, or other approved non-potable uses when reclaimed water is available. When necessary to use potable water for emergency backup supply, it shall not exceed the minimum amount required to allow for the re-introduction of reclaimed water as the main water supply source following disruption of reclaimed water service. The project owner shall report all disruptions to the reclaimed water service in the annual compliance report, including the cause, associated volume of potable water used, and the total annual use for the year and for two years prior.	Notify the CPM in writing of the potential use of emergency backup potable water and provide an estimate of the volume required to continue normal power generation. During any unplanned outages in reclaimed water supply, the project owner shall notify the CPM when emergency backup potable water is being used. The project owner shall document total usage for each service interruption where potable water was used as an emergency backup. The project owner shall report all disruptions to the reclaimed water service in the annual compliance report, including the cause, associated volume of potable water used, and the total annual use for the year and for two years prior. The project owner shall not exceed 95 AF of potable water use per calendar year as emergency back-up water supply, without written authorization from the CPM.	At least 30 days prior to any planned interruption in reclaimed water supply	TBD	
WATER RES-03a	CONS	The project owner shall secure a Water Supply Service Agreement for reclaimed and potable water service from Rowland Water District.	Provide the CPM with a copy of its Water Service Agreement with Rowland Water District.	At least 30 days prior to WCEP commercial operation	4/1/2013	
WATER RES-03b	OPS	The project owner shall report to the CPM any incidents of non-compliance with the service agreement (e.g. exceeding maximum delivery rates or annual volumes of potable and reclaimed water supply), corrective measures to avoid recurrence, and the results of implementing those measures.	The CPM shall be notified within 10 days of any incidents of non-compliance with the terms of the Water Service Agreement, including proposed corrective measures to avoid recurrence, and the results of implementing those measures.	Within 10 days of any incidents of non-compliance	As required	
WATER RES-04b	CONS	Following site mobilization, the project owner shall submit a written summary in the Monthly Compliance Reports, reporting the status of the Dual Plumbing Plan's review by Rowland Water District and Los Angeles County Department of Health Services, and the plan's implementation following approval by the CPM.	Submit the required documentation in the MCR.	Include in MCR	12/14/2011	
WORKER SAFETY-02	OPS	The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program containing the following: An Operation Injury and Illness Prevention Plan, Emergency Action Plan, Hazardous Materials Management Program, Fire Prevention Program (8 CCR §3221), and Personal Protective Equipment Program (8 CCR §§ 3401-3411). The Operation Injury and Illness Prevention Plan, Emergency Action Plan, and Personal Protective Equipment Program shall be submitted to the CPM for review and comment concerning compliance of the program with all applicable Safety Orders. The Operation Fire Prevention Plan and the Emergency Action Plan shall also be submitted to the Los Angeles County Fire Department for review and comment.	Submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program. The project owner shall provide a copy to the CPM of a letter from the Los Angeles County Fire Department stating the Fire Department's comments on the Operations Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to the start of commissioning	Q1/Q2 2013	

Walnut Creek Energy Park (05-AFC-2C)

Color code key:	Pending CEC or CBO Approval
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Compliance Matrix Based on CEC 2008 Final Decision

Cond. #	Sort Code	Description of Condition of Certification	Verification Requirement	Submittal Deadline to CEC	Projected Completion Date	Status/ Comments
WORKER SAFETY-03b	CONS	The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report to include: 1) Record of all employees trained for that month (all records shall be kept on site for the duration of the project); 2) Summary report of safety management actions and safety-related incidents that occurred during the month; 3) Report of any continuing or unresolved situations and incidents that may pose danger to life or health; and 4) Report of accidents and injuries that occurred during the month.	The CSS shall submit the required report in the MCR.	Include in MCR	12/14/2011	

Attachment C – CBO Correspondence, Approvals,
Submittal Schedule, & Payment Receipt

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CONDITION OF CERTIFICATION			KIEWIT TARGET SUBMITTAL DATE	KIEWIT FORE-CASTED SUBMITTAL DATE	STATUS
PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE			
CIVIL-	CM-101	BOLLARD PLAN	6/18/2012		
CIVIL-	902	SPECIFICATIONS FOR ROADS	-	-	
CIVIL-1-1.0	SWPPP	WCEP GENERAL PERMIT SWPPP PHASE 1 MOBILIZATION	3/24/2011	3/24/2011	APP
CIVIL-1-1.1		DRAINAGE, EROSION, AND SEDIMENT CONTROL PLAN	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	DESCP	DRAINAGE, EROSION, AND SEDIMENT CONTROL PLAN	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	CC-001	SITE DELINEATION MAP DESCP-B	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	CC-002	WATERCOURSES & CRITICAL AREAS DESCP-C	7/11/2011	3/24/2011	COND APP
CIVIL-1-1.1	CE-001	COVER SHEET DESCP-A1	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	CE-002	NOTES, ABBREVIATIONS AND LEGENDS DESCP-A2	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	CW-002	PRE-DEVELOPMENT DRAINAGE PLAN DESCP-D1	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	CW-003	POST DEVELOPMENT DRAINAGE PLAN DESCP-D3	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	CW-008	INTERIM DRAINAGE & EROSION CONTROL PLAN DESCP-D2	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.1	CW-013	STORMWATER PLAN DESCP-D4	7/11/2011	3/24/2011	COND APP
CIVIL-1-1.1	CW-200	CLEARING & GRADING PLAN DESCP-E	3/24/2011	3/24/2011	COND APP
CIVIL-1-1.2	CN-002	NOTES, ABBREVIATIONS AND LEGENDS	5/17/2011	5/17/2011	APP
CIVIL-1-1.3	DESCP 100 YR CALC	100 YEAR DRAINAGE CALC	5/18/2011	5/18/2011	REF
CIVIL-1-11.0	SLOPE STABILITY ANALYSIS REV1.pdf	SLOPE STABILITY ANALYSIS REV1.pdf	-	-	COMMENTS
CIVIL-1-11.0	TEMPORARY EXCAVATION DESIGN REV1.pdf	TEMPORARY EXCAVATION DESIGN REV1.pdf	-	-	COMMENTS
CIVIL-1-12.0	906	SPECIFICATIONS FOR DEMOLITION	-	-	COMMENTS
CIVIL-1-2.0	GEOTECH	GEOTECHNICAL REPORT - DIESEL FIREWATER PUMP	4/18/2011	4/18/2011	APP
CIVIL-1-2.5	GEOTECH	GEOTECH REPORT	5/13/2011	5/13/2011	
CIVIL-1-3.0	CG-015	GRADING PLAN	5/2/2011	5/2/2011	
Civil-1-3.1	CG-001	GRADING KEY PLAN	7/11/2011	5/10/2011	
Civil-1-3.1	CG-009	GRADING PLAN	7/11/2011	5/10/2011	
Civil-1-3.1	CG-010	GRADING PLAN	7/11/2011	5/10/2011	
Civil-1-3.1	CG-011	GRADING PLAN	7/11/2011	5/10/2011	
Civil-1-3.1	CG-012	GRADING PLAN	7/11/2011	5/10/2011	
Civil-1-3.1	CG-013	GRADING PLAN	7/11/2011	5/10/2011	
Civil-1-3.1	CG-014	GRADING PLAN	7/11/2011	5/10/2011	
Civil-1-3.1	CG-016	GRADING PLAN	7/11/2011	5/10/2011	
CIVIL-1-3.2	DRAINAGE PLANS		5/10/2011	5/10/2011	APP
CIVIL-1-3.2	CC-002	PRE-DEVELOPMENT DRAINAGE PLAN	7/11/2011	5/10/2011	APP
CIVIL-1-3.2	CC-003	PRE-DEVELOPMENT DRAINAGE PLAN	7/11/2011	5/10/2011	APP
CIVIL-1-3.3	CW-013	STORMWATER PLAN	5/10/2011	5/10/2011	
CIVIL-1-4.0	901A	EARTHWORK SPECIFICATION	7/11/2011	5/23/2011	APP
CIVIL-1-5.0	CDC-001	CIVIL DESIGN CRITERIA (070A)	7/11/2011	5/23/2011	APP
CIVIL-1-6.0	905A	STORM WATER DRAINAGE SPEC	7/11/2011	5/23/2011	APP
CIVIL-1-7.0	CD-001	STORM WATER DETAILS	7/11/2011	7/22/2011	APP
CIVIL-1-7.0	CD-101	EXCAVATION BACKFILL AND BEDDING DETAILS	7/20/2011	7/22/2011	APP
CIVIL-1-7.01	CD-041	SITE DETAILS	7/19/2011	7/22/2011	APP

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				SUBMITTAL DATE	SUBMITTAL DATE	
CIVIL-1-7.01	CD-081		SURFACING DETAILS	7/19/2011	7/22/2011	APP
CIVIL-1-8.0	CM-201		COORDINATE KEY PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-209		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-210		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-211		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-212		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-213		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-214		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-215		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-8.0	CM-216		COORDINATE PLAN	-	7/26/2011	REF
CIVIL-1-9.0	CM-152		SURFACING PLAN	-	7/26/2011	
CIVIL-1-9.0	CS-001		SITE KEY PLAN	-	7/26/2011	
CIVIL-1-9.0	CS-010		SITE PLAN	-	7/26/2011	
CIVIL-1-9.0	CS-011		SITE PLAN	-	7/26/2011	
CIVIL-1-9.0	CS-013		SITE PLAN	-	7/26/2011	
CIVIL-1-9.0	CS-014		SITE PLAN	-	7/26/2011	
CIVIL-1-9.0	CS-015		SITE PLAN	-	7/26/2011	
CIVIL-4			FINAL GRADING PLANS			
ELEC-	896		PLANT ELECTRICAL INSTALLATION AND TESTING	4/23/2012		
ELEC-	880H		PLANT LIGHTNING PROTECTION STUDY	3/26/2012		
ELEC-	EA-001		ELECTRICAL HAZARDOUS AREA CLASSIFICATION OVERALL PLAN	3/12/2012		
ELEC-	ED-120		DUCT BANK	9/22/2011	12/15/2011	
ELEC-	ED-163		DUCT BANK	9/22/2011	1/15/2011	
ELEC-	ED-210		ELECTRICAL DUCT BANK LOCATION PLAN	9/22/2011	12/15/2011	
ELEC-	ED-220		ELECTRICAL DUCT BANK LOCATION PLAN	9/22/2011	12/15/2011	
ELEC-	ED-233		DUCT BANK	10/20/2011	12/15/2011	
ELEC-	EE-002		ELECTRICAL LEGEND FOR ONE LINE DIAGRAMS	6/21/2011	12/7/2011	
ELEC-	EG-500		ELECTRICAL LIGHTNING PROTECTION SITE KEY PLAN	3/26/2012		
ELEC-	EG-501		ELECTRICAL LIGHTNING PROTECTION LAYOUT	3/26/2012		
ELEC-	EG-502		ELECTRICAL LIGHTNING PROTECTION LAYOUT	3/26/2012		
ELEC-	EG-503		ELECTRICAL LIGHTNING PROTECTION LAYOUT	3/26/2012		
ELEC-	EG-504		ELECTRICAL LIGHTNING PROTECTION LAYOUT	3/26/2012		
ELEC-	EG-505		ELECTRICAL LIGHTNING PROTECTION LAYOUT	3/26/2012		
ELEC-	EG-506		ELECTRICAL LIGHTNING PROTECTION LAYOUT	3/26/2012		
ELEC-	EG-507		ELECTRICAL LIGHTNING PROTECTION LAYOUT	3/26/2012		
ELEC-	EG-900A		ELECTRICAL LIGHTNING PROTECTION TYPICAL DETAILS	3/26/2012		
ELEC-	EG-901A		ELECTRICAL LIGHTNING PROTECTION TYPICAL DETAILS	3/26/2012		
ELEC-	EL-120		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-130		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-140		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-150		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-160		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-170		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-180		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-210		ELECTRICAL LIGHTING PLAN	9/19/2012		
ELEC-	EL-220		ELECTRICAL LIGHTING PLAN	4/6/2012		
ELEC-	EL-230		ELECTRICAL LIGHTING PLAN	4/6/2012		
ELEC-	EL-240		ELECTRICAL LIGHTING PLAN	4/6/2012		
ELEC-	EL-250		ELECTRICAL LIGHTING PLAN	4/6/2012		
ELEC-	EL-260		ELECTRICAL LIGHTING PLAN	4/6/2012		
ELEC-	EL-270		ELECTRICAL LIGHTING PLAN	4/6/2012		
ELEC-	EO-002		ONE-LINE DIAGRAM GEN-CTG 101	2/27/2012		
ELEC-	EO-003		ONE-LINE DIAGRAM GEN-CTG-201	2/27/2012		
ELEC-	EO-004		ONE-LINE DIAGRAM GEN-CTG-301	2/27/2012		
ELEC-	EO-005		ONE-LINE DIAGRAM GEN-CTG 401	2/27/2012		
ELEC-	EO-006		ONE-LINE DIAGRAM GEN-CTG 501	2/27/2012		
ELEC-	EO-008		ELECTRICAL ONE-LINE DIAGRAM	2/27/2012		
ELEC-	EO-009A		ELECTRICAL ONE-LINE DIAGRAM	2/27/2012		
ELEC-	EO-009B		ELECTRICAL ONE-LINE DIAGRAM	2/27/2012		

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PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE	SUBMITTAL DATE	SUBMITTAL DATE	
ELEC-	EO-010A	ELECTRICAL ONE-LINE DIAGRAM	2/27/2012		
ELEC-	EO-010B	ELECTRICAL ONE-LINE DIAGRAM	2/27/2012		
ELEC-	EO-011A	ELECTRICAL ONE-LINE DIAGRAM	2/27/2012		
ELEC-	EO-011B	ELECTRICAL ONE-LINE DIAGRAM	2/27/2012		
ELEC-	EO-014	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-015	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-020	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-021	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-022	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-023	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-024	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-025	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-026	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-027	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-028	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-029	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-030	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-031	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-032	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-033	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-034	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-035	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-036	ELECTRICAL ONE-LINE DIAGRAM	3/5/2012		
ELEC-	EO-037	ELECTRICAL ONE-LINE DIAGRAM	3/16/2012		
ELEC-	EO-100A	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-100B	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-100C	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-101A	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-101B	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-101C	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-102A	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-102B	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-102C	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-103A	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-103B	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-103C	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-104A	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-104B	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-104C	ELECTRICAL THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-200	SYSTEM PHASING DIAGRAM THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-201	SYSTEM PHASING DIAGRAM THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-202	SYSTEM PHASING DIAGRAM THREE LINE DIAGRAM	3/19/2012		
ELEC-	EO-400	SYSTEM PHASING DIAGRAM THREE LINE DIAGRAM	3/19/2012		
ELEC-	EP-000	ELECTRICAL PANELBOARD DRAWING INDEX	5/21/2012		
ELEC-	EP-001	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-002	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-003	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-004	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-005	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-006	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-007	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-008	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-009	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-010	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-011	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-012	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-013	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-014	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-015	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-016	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-017	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-018	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	EP-019	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		

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PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE			
ELEC-	EP-020	ELECTRICAL PANELBOARD SCHEDULE	5/21/2012		
ELEC-	ES-000	ELECTRICAL SCHEMATIC DRAWING INDEX	1/4/2012		
ELEC-	ES-001A	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-001B	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-002A	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-002B	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-003A	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-003B	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-004A	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-004B	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-005A	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-005B	ELECTRICAL SCHEMATIC DIAGRAM GEN STEP-UP TRANSFORMER XFMR	1/4/2012		
ELEC-	ES-010A	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-010B	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-010C	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-011	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-012A	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-012B	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-013A	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-013B	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-013C	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-014	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-015A	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-015B	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-016A	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-016B	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-017A	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-017B	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-018A	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-018B	ELECTRICAL SCHEMATIC DIAGRAM 5KV SWITCHGEAR SWGR	1/4/2012		
ELEC-	ES-020A	ELECTRICAL SCHEMATIC DIAGRAM 4.16KV MOTOR CONTROL CENTERS MOTOR STARTERS	1/4/2012		
ELEC-	ES-020B	ELECTRICAL SCHEMATIC DIAGRAM 4.16KV MOTOR CONTROL CENTERS MOTOR STARTERS	1/4/2012		

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ELEC-		ES-021A	ELECTRICAL SCHEMATIC DIAGRAM 4.16KV MOTOR CONTROL CENTERS TRANSFORMER FEEDERS	1/4/2012		
ELEC-		ES-021B	ELECTRICAL SCHEMATIC DIAGRAM 4.16KV MOTOR CONTROL CENTERS TRANSFORMER FEEDERS	1/4/2012		
ELEC-		ES-036	ELECTRICAL SCHEMATIC DIAGRAM SWGR	1/4/2012		
ELEC-		ES-037	ELECTRICAL SCHEMATIC DIAGRAM SWGR	1/4/2012		
ELEC-		ES-038	ELECTRICAL SCHEMATIC DIAGRAM SWGR	1/4/2012		
ELEC-		ES-060	ELECTRICAL SCHEMATIC DIAGRAM 480V	1/4/2012		
ELEC-		ES-061	ELECTRICAL SCHEMATIC DIAGRAM 480V	1/4/2012		
ELEC-1-1.0		2010-031-EDC-001	ELECTRICAL DESIGN CRITERIA	6/20/2011	6/17/2011	APP
ELEC-1-10.0		ED-900	ELECTRICAL DUCT BANK DETAILS	9/22/2011	-	APP
ELEC-1-11.0		ED-130	ELECTRICAL DUCT BANK LAYOUT CTG #01 & PCM AREA	9/22/2011	-	APP
ELEC-1-12.0		ED-140	DUCT BANK	9/22/2011	-	APP
ELEC-1-13.0		ED-150	ELECTRICAL DUCT BANK LAYOUT CTG #03, #04, PCM, & ADMIN/CONTROL & WATER TREATMENT BLDG. AREA.	9/22/2011	-	APP
ELEC-1-14.0		ED-160	ELECTRICAL DUCT BANK LAYOUT CTG #05, PCM, & WATER TREATMENT BLDG AREA	9/22/2011	-	APP
ELEC-1-15.0		ED-170	ELECTRICAL DUCT BANK LAYOUT AIR COMPRESSOR & FUEL GAS BUILDING AREA	9/22/2011	-	APP
ELEC-1-16.0		ED-270	ELECTRICAL DUCT BANK LAYOUT 5KV BUILDING AREA	10/20/2011	-	APP
ELEC-1-17.0		EG-001	ELECTRICAL GROUNDING SITE KEY PLAN	9/6/2011	-	
ELEC-1-18.0		EG-230	ELECTRICAL GROUNDING LAYOUT	-	-	
ELEC-1-18.0		EG-240	ELECTRICAL GROUNDING LAYOUT	-	-	
ELEC-1-18.0		EG-250	ELECTRICAL GROUNDING LAYOUT	-	-	
ELEC-1-18.0		EG-260	ELECTRICAL GROUNDING LAYOUT	-	-	
ELEC-1-19.0		ED-002	ELECTRICAL DUCT BANK LAYOUT SITE KEY PLAN	-	-	APP
ELEC-1-2.0		2010-031-EO-300	ELEC ONE LINE - TEMP POWER	6/17/2011	6/17/2011	APP
ELEC-1-20.0		ED-901	ELECTRICAL EMBEDDED CONDUIT LAYOUT INSTALLATION DETAILS	10/20/2011		APP
ELEC-1-21.0		ED-133	DUCT BANK	9/22/2011		APP
ELEC-1-21.0		ED-134	DUCT BANK	9/22/2011		APP
ELEC-1-21.0		ED-143	DUCT BANK	9/22/2011		APP
ELEC-1-21.0		ED-144	DUCT BANK	9/22/2011		APP
ELEC-1-21.0		ED-153	DUCT BANK	9/22/2011		APP
ELEC-1-21.0		ED-154	DUCT BANK	9/22/2011		APP
ELEC-1-21.0		ED-164	DUCT BANK	9/22/2011		APP
ELEC-1-21.0		ED-231	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-232	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-234	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-241	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-242	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-243	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-244	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-251	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-252	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-253	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-254	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-261	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-262	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-263	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-264	DUCT BANK	10/20/2011		APP
ELEC-1-21.0		ED-271	DUCT BANK	10/20/2011		APP
ELEC-1-22.0		CALC 880D	SHORT CIRCUIT ANALYSIS	-	-	APP
ELEC-1-23.0		EO-001	OVERALL ONE-LINE DIAGRAM	11/30/2011	-	
ELEC-1-3.0		CAS-C	CABLE AMPACITY STUDY	6/28/2011	6/17/2011	APP
ELEC-1-4.0		GS	ELECTRICAL CALCS - GROUNDING	7/12/2011	7/10/2011	APP
ELEC-1-5.000		APPROVED FABRICATOR APPLICATION	APPROVED FABRICATOR ELECTRICAL ENCLOSURES			

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			APPROVED FABRICATOR APPLICATION			
	ELEC-1-5.000		APPROVED FABRICATOR BUS DUCT - 842A			
			APPROVED FABRICATOR APPLICATION			
	ELEC-1-5.000		APPROVED FABRICATOR BUS DUCT - 842B			
			APPROVED FABRICATOR APPLICATION			
	ELEC-1-5.000		APPROVED FABRICATOR 125V DC BATTERY			
	ELEC-1-6.0	EG-002	ELECTRICAL GROUNDING SITE MAIN GROUNDING GRID LAYOUT	9/6/2011	9/2/2011	APP
	ELEC-1-7.0	EG-900	ELECTRICAL GROUNDING DETAILS	-	-	
	ELEC-1-7.0	EG-901	ELECTRICAL GROUNDING DETAILS	-	-	
	ELEC-1-7.0	EG-902	ELECTRICAL GROUNDING DETAILS	-	-	
	ELEC-1-8.0	EE-001	ELECTRICAL LEGEND	-	-	APP
	ELEC-1-9.0	ED-001	ELECTRICAL DUCT BANK LAYOUT SITE KEY PLAN	9/22/2011	-	APP
	GEN-2-1.0		MASTER LISTS	3/31/2011	3/31/2011	REF
	GEN-2-1.0	WCEP MASTER DWG LIST	MASTER DRAWING LIST & SUBMITTAL SCHEDULE	3/31/2011	3/31/2011	REF
	GEN-2-1.0	WCEP MASTER SPEC LIST	MASTER SPECIFICATION LIST	3/31/2011	3/31/2011	REF
	GEN-4-1.0		RESIDENT ENGINEER	3/30/2011	3/30/2011	APP
			RESIDENT ENGINEER RESUME-			
	GEN-4-1.0	RERESUME01	DAVE LINDERMAN	3/30/2011	3/30/2011	APP
	GEN-5-1.0		RESPONSIBLE ENGINEERS	3/31/2011	3/31/2011	APP
	GEN-5-1.0	CE1RESUME	OMAR OLIVARES, PE	3/31/2011	3/31/2011	SS
	GEN-5-1.0	EE1RESUME	TODD EITER, PE	3/31/2011	3/31/2011	APP
	GEN-5-1.0	EE2RESUME	CHARLES SCHWARTZE, PE	3/31/2011	3/31/2011	SS
	GEN-5-1.0	ME1RESUME	LINUS DROUHARD, PE	3/31/2011	3/31/2011	SS
	GEN-5-1.0	SE1RESUME	ZHONG (JOHN) LIU, PE	3/31/2011	3/31/2011	SS
	GEN-5-1.0	SE2RESUME	BAOGUO GE	-	-	APP
	GEN-5-1.0	EE3RESUME	RICH JACOBBER	-	-	SS
	GEN-5-1.0	EE4RESUME	DAREN PHELPS	-	-	APP
	GEN-5-1.0	CE2RESUME	ALAN MICHELS	-	-	APP
	GEN-5-1.0	ME2RESUME	CHRIS ANDERSON	-	-	APP
	GEN-5-1.5	GE1RESUME	Fred Yi, PE	4/6/2011	4/6/2011	SS
	GEN-5-1.5		GEOTECHNICAL ENGINEER	4/8/2011	4/8/2011	APP
	GEN-5-1.5	GE2RESUME	Allen Evans, PE	4/8/2011	4/8/2011	SS
	GEN-5-1.5	GE3RESUME	Clifford Craft, PE	5/17/2011	5/17/2011	APP
	GEN-6-1.0	Jared Clements	Soil Technician & ACI Concrete Technician	4/8/2011	4/8/2011	APP
	GEN-6-1.1	Donald Church	Soil Technician & ACI Concrete Technician	4/8/2011	4/8/2011	APP
	GEN-6-1.2	Larry Nicholson	Concrete, Masonry, Welding & NDE Inspector	4/8/2011	4/8/2011	APP
	GEN-6-1.3	Mark Hart	Soil Technician & ACI Concrete Technician	4/8/2011	4/8/2011	APP
	GEN-6-1.4	Jeff Jarrell		5/26/2011	5/26/2011	APP
	GEN-6-2.0	Biggen Raney	Site for Pile Grout Inspector, or shop Pile Cage Fabrication	10/26/2011	-	APP
	GEN-6-2.0	SCS Quality Manual - Rev 3 10 22 11.pdf	SCS Quality Manual - Rev 3 10 22 11.pdf	10/26/2011		APP
	GEN-6-2.1	Anthony Canzoneri	Welding Inspector	10/26/2011	-	COMMENTS
	GEN-6-2.2	Carl Johnson	Pile Cage shop fabrication inspector	10/26/2011	-	COMMENTS
	GEN-6-2.3	Harold Fisher	Pile Cage shop fabrication inspector - ALTERNATE	10/26/2011	-	APP
	GEN-6-2.4	QUALITY CONTROL MANUAL	QC SOUTHWEST QUALITY CONTROL MANUAL REVISION 10	10/26/2011	-	APP
	GEN-6-2.4	NDE QC MANUAL	QC SOUTHWEST NONDESTRUCTIVE TESTING PROGRAM MANUAL	10/26/2011	-	APP
	GEN-6-2.4	Joshua Myers	Geotechnical Observations for the Piles.	10/26/2011	-	APP
	GEN-6-2.4	JMyersDiploma.pdf	JMyersDiploma.pdf	10/26/2011	-	APP
	GEN-6-2.4	Joshua Myers CEG Document.pdf	Joshua Myers CEG Document.pdf	10/26/2011	-	APP
	GEN-6-2.5	Jerett Hayes Resume	Jerett Hayes Resume			APP
	GEN-6-2.5	Jerett Hayes Certificate	Jerett Hayes Certificate			APP
	GEN-6-2.5	Jerett Hayes License	Jerett Hayes License			APP

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PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE			
GEN-6-3.0	LUIS HUTCHINS	REBAR SHOP INSPECTOR FOR PILE CAGE FABRICATION	-	-	COND APP
GEN-8-1.0		FINAL DOCUMENTATION			
GEN-8-1.0		NOTICE FOR FINAL INSPECTION			
GEN-8-1.0		STATEMENT OF CONFORMANCE			
GEN-8-1.0		ELECTRONIC COPIES - ENGINEERING PLANS, SPECIFICATIONS, AND CALCULATIONS			
MECH-	530	SPECIFICATIONS FOR FIRE PROTECTION/DETECTION SYSTEMS	2/20/2012	2/6/2012	
MECH-	615	SPECIFICATIONS FOR Non-Engineer Pipe Support	2/29/2012		
MECH-	GA-000	GENERAL ARRANGEMENT KEY PLAN	5/10/2012		
MECH-	GA-070	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-080	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-130	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-140	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-150	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-160	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-170	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-180	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-210	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-220	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-230	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-240	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-250	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-260	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-270	GENERAL ARRANGEMENT	5/10/2012		
MECH-	GA-280	GENERAL ARRANGEMENT	5/10/2012		
MECH-	MD-100	MECHANICAL ABOVE GROUND PIPING DETAILS	3/1/2012		
MECH-	MD-101	MECHANICAL ABOVE GROUND PIPING DETAILS	3/1/2012		
MECH-	MD-110	MECHANICAL VENT & DRAIN DETAILS	3/1/2012		
MECH-	MD-210	MECHANICAL STANDARD COLD PIPE SUPPORT DETAILS	3/1/2012		
MECH-	MD-211	MECHANICAL STANDARD COLD PIPE SUPPORT DETAILS	3/1/2012		
MECH-	MD-212	MECHANICAL STANDARD COLD PIPE SUPPORT DETAILS	3/1/2012		
MECH-	MD-220	MECHANICAL STANDARD COLD SMALL BORE PIPE SUPPORT DETAILS	3/1/2012		
MECH-	PP-001	PLOT PLAN	11/7/2011	11/23/2011	
MECH-	PS-331	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 1 CT CONNECTIONS	11/7/2011	11/23/2011	
MECH-	PS-332	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 2 CT CONNECTIONS	11/7/2011	11/23/2011	
MECH-	PS-333	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 3 CT CONNECTIONS	11/7/2011	11/23/2011	
MECH-	PS-334	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 4 CT CONNECTIONS	11/7/2011	11/23/2011	
MECH-	PS-335	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 5 CT CONNECTIONS	11/7/2011	11/23/2011	
MECH-	PS-336	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 1	11/7/2011	11/23/2011	
MECH-	PS-337	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 2	11/7/2011	11/23/2011	
MECH-	PS-338	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 3	11/7/2011	11/23/2011	
MECH-	PS-339	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 4	11/7/2011	11/23/2011	
MECH-	PS-340	PIPING AND INSTRUMENTATION DIAGRAM CTP - COMBUSTION TURBINE PIPING UNIT 5	11/7/2011	11/23/2011	

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			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR WATER TREATMENT			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR SAMPLE PANEL			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR CHEM FEED SYSTEMS			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR FIRE PROTECTION SYSTEMS			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR COMPRESSED AIR SYSTEM			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR FIELD ERECTED TANKS			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR SHOP FAB TANKS			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR GENERAL SERVICE PUMPS			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR - EYEWASH/SAFETY SHOWER			
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR APPLICATION - ECM	-		
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR APPLICATION - FIRE PUMP - 535	-		
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR APPLICATION - AMMONIA STORAGE - 433	-		
			APPROVED FABRICATOR APPLICATION			
MECH-1-2.001			APPROVED FABRICATOR APPLICATION - CEMS - 190	-		
MECH-1-3.0	2001-031 MCD-001		MECHANICAL DESIGN CRITERIA	6/27/2011	6/23/2011	APP
MECH-1-4.0	FPC-530		FIRE PROTECTION DESIGN BASIS	7/20/2011	7/22/2011	
MECH-1-4.01	FPS-A		FPS DEMAND AND LINE SIZING CALC	-	-	
MECH-1-5.0	600		SPECIFICATIONS FOR MECHANICAL COMMODITIES	-	8/25/2011	COMMENTS
MECH-1-6.0	YP-000		UNDERGROUND YARD PIPING KEY PLAN	10/5/2011	-	COND APP
MECH-1-6.0	YP-120		MECHANICAL UNDERGROUND YARD PIPING	10/5/2011	-	COND APP
MECH-1-6.0	YP-130		MECHANICAL UNDERGROUND YARD PIPING-PACKAGE 1 (CCW, CWS, FPS, FGS, INA, DWS, SWS, PWS, DWT, SDR)	10/5/2011	-	COND APP
MECH-1-6.0	YP-140		MECHANICAL UNDERGROUND YARD PIPING-PACKAGE 1 (CCW, CWS, FPS, FGS, INA, DWS, SWS, PWS, DWT, SDR)	10/5/2011	-	COND APP
MECH-1-6.0	YP-150		MECHANICAL UNDERGROUND YARD PIPING-PACKAGE 1 (CCW, CWS, FPS, FGS, INA, DWS, SWS, PWS, DWT, SDR)	10/5/2011	-	COND APP
MECH-1-6.0	YP-160		MECHANICAL UNDERGROUND YARD PIPING-PACKAGE 1 (CCW, CWS, FPS, FGS, INA, DWS, SWS, PWS, DWT, SDR)	10/5/2011	-	COND APP
MECH-1-6.0	YP-210		MECHANICAL UNDERGROUND YARD PIPING-PACKAGE 1 (CCW, CWS, FPS, FGS, INA, DWS, SWS, PWS, DWT, SDR)	10/5/2011	-	COND APP
MECH-1-6.0	YP-220		MECHANICAL UNDERGROUND YARD PIPING-PACKAGE 1 (CCW, CWS, FPS, FGS, INA, DWS, SWS, PWS, DWT, SDR)	10/5/2011	-	COND APP
MECH-1-6.0	YP-230		MECHANICAL UNDERGROUND YARD PIPING-PACKAGE 1 (CCW, CWS, FPS, FGS, INA, DWS, SWS, PWS, DWT, SDR)	10/5/2011	-	COND APP
MECH-1-7.0	PC-001		PIPE CODE	10/5/2011	-	APP
MECH-1-7.0	MLL-001		LINE LIST	10/5/2011	-	APP
MECH-1-7.0	PS-260		PIPING AND INSTRUMENTATION DIAGRAM CWS - CIRCULATING WATER	9/21/2011	-	APP
MECH-1-7.0	PS-261		PIPING AND INSTRUMENTATION DIAGRAM CWS - CIRCULATING WATER	9/21/2011	-	APP
MECH-1-7.0	PS-270		PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER	9/21/2011	-	APP

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	MECH-1-7.0	PS-271	PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER	9/21/2011	-	APP
	MECH-1-7.0	PS-360	PIPING AND INSTRUMENTATION DIAGRAM RWS - RECYCLE WATER STORAGE & FORWARDING	9/21/2011	-	APP
	MECH-1-7.0	PS-375	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT MULTIMEDIA FILTERS	10/5/2011	-	APP
	MECH-1-7.0	PS-376	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT REVERSE OSMOSIS	10/5/2011	-	APP
	MECH-1-7.0	PS-380	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT REVERSE OSMOSIS	10/5/2011	-	APP
	MECH-1-7.0	PS-381	PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER TREATMENT REVERSE OSMOSIS	10/5/2011	-	APP
	MECH-1-7.0	PS-390	PIPING AND INSTRUMENTATION DIAGRAM SWS - SERVICE WATER	9/21/2011	-	APP
	MECH-1-7.0	PS-400	PIPING AND INSTRUMENTATION DIAGRAM PWS - POTABLE WATER	9/21/2011	-	APP
	MECH-1-7.0	PS-401	PIPING AND INSTRUMENTATION DIAGRAM PWS - POTABLE WATER	9/21/2011	-	APP
	MECH-1-7.0	PS-410	PIPING AND INSTRUMENTATION DIAGRAM DWS - DEMINERALIZED WATER SYSTEM	9/21/2011	-	APP
	MECH-1-7.0	PS-411	PIPING AND INSTRUMENTATION DIAGRAM DWS - DEMINERALIZED WATER SYSTEM	9/21/2011	-	APP
	MECH-1-7.0	PS-412	PIPING AND INSTRUMENTATION DIAGRAM DWS - DEMINERALIZED WATER SYSTEM	9/21/2011	-	APP
	MECH-1-7.0	PS-470	PIPING AND INSTRUMENTATION DIAGRAM FPS - FIRE PROTECTION	10/5/2011	-	APP
	MECH-1-7.0	PS-471	PIPING AND INSTRUMENTATION DIAGRAM FPS - FIRE PROTECTION	10/5/2011	-	APP
	MECH-1-7.0	PS-560	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	9/21/2011	-	APP
	MECH-1-7.0	PS-561	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	9/21/2011	-	APP
	MECH-1-7.0	PS-562	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	9/21/2011	-	APP
	MECH-1-7.0	PS-563	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	9/21/2011	-	APP
	MECH-1-7.0	PS-564	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	9/21/2011	-	APP
	MECH-1-7.0	PS-565	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	9/21/2011	-	APP
	MECH-1-7.0	PS-566	PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR	9/21/2011	-	APP
	MECH-1-7.0	PS-650	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS PRESSURE REGULATING STATION	10/5/2011	-	APP
	MECH-1-7.0	PS-651	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS COMPRESSOR 1A	10/5/2011	-	APP
	MECH-1-7.0	PS-654	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS SCRUBBER UNIT NO 4&5	10/5/2011	-	APP
	MECH-1-7.0	PS-655	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS SCRUBBER UNIT NO 2&3	10/5/2011	-	APP
	MECH-1-7.0	PS-656	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS SCRUBBER UNIT NO 1	10/5/2011	-	APP
	MECH-1-7.0	PS-657	PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS SCRUBBER UNIT NO 1	10/5/2011	-	APP
	MECH-1-7.0	PS-780	PIPING AND INSTRUMENTATION DIAGRAM AQA - AQUEOUS AMMONIA	10/5/2011	-	APP
	MECH-1-7.0	PS-950	PIPING AND INSTRUMENTATION DIAGRAM SDR - SANITARY DRAIN	10/5/2011	-	APP
	MECH-1-7.0	PS-960	PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTE WATER DRAIN	11/7/2011	-	APP

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CONDITION OF CERTIFICATION	PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE	KIEWIT TARGET	KIEWIT FORE-CASTED	STATUS
				SUBMITTAL DATE	SUBMITTAL DATE	
MECH-1-7.0		PS-961	PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTE WATER DRAIN	11/7/2011	-	APP
MECH-1-7.0		PS-962	PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTE WATER DRAIN	11/7/2011	-	APP
MECH-1-7.0		PS-963	PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTE WATER DRAIN	11/7/2011	-	APP
MECH-1-7.0		PS-970	PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS	9/21/2011	-	APP
MECH-1-7.0		PS-971	PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS	9/21/2011	-	APP
MECH-1-7.0		PS-972	PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS	9/21/2011	-	APP
MECH-1-7.0		PS-973	PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS	9/21/2011	-	APP
MECH-1-8.0		MD-001	MECHANICAL UNDERGROUND PIPING DETAILS	3/1/2012	-	APP
MECH-1-9.0		660	CATHODIC PROTECTION	9/30/2011	-	COMMENTS
MECH-1-GE		201-EE-0013-001	PCM General Arrangement	-	new ETA to be provided	
MECH-1-GE		201-FP-0004-001	General Arrangement – CO2 Fire Suppression System	-	new ETA to be provided	
MECH-1-GE		201-GA-0001-001	General Arrangement LMS100 Main Unit	-	new ETA to be provided	
MECH-1-GE		201-GA-0002-001	General Arrangement Generator	-	new ETA to be provided	
MECH-1-GE		201-GA-0003-001	General Arrangement Auxiliary Skid	-	new ETA to be provided	
MECH-1-GE		201-GA-0003-001	General Arrangement – CO2 Fire Suppression System	-	new ETA to be provided	
MECH-1-GE		201-GA-0004-001	General Arrangement Intercooler System	-	new ETA to be provided	
MECH-1-GE		201-GA-0005-001	General Arrangement Cooling Water Pump Skid	-	new ETA to be provided	
MECH-1-GE		201-GA-0006-001	General Arrangement Plot Plan	-	new ETA to be provided	
MECH-1-GE		201-GA-0007-001	General Arrangement VBV Stack	-	new ETA to be provided	
MECH-1-GE		201-ME-0004-001	Installation Footprint LMS100 Main Unit	-	new ETA to be provided	
MECH-1-GE		201-ME-0034-001	Filter House General Arrangement	-	new ETA to be provided	
MECH-1-GE		201-ME-0035-001	Lift Arrangement	-	new ETA to be provided	
MECH-2			PRESSURE VESSELS	-		
MECH-3			HVAC	-		
STRUC-		SF-015	CEMS FOUNDATION PLAN	6/4/2012		
STRUC-		SF-029	TURBINE MAINTENANCE PADS	12/20/2011		
STRUC-		SF-045	COOLING TOWER FOUNDATION PLAN	12/27/2011		
STRUC-		SF-050	FUEL GAS HEATER FOUNDATION PLAN	4/16/2012		
STRUC-		SF-055	CTG FUEL GAS FILTER/SEPERATION FOUNDATION PLAN	4/16/2012		
STRUC-		SF-060	GAS YARD FUEL GAS FILTER/SEPERATION FOUNDATION PLAN	4/23/2012		
STRUC-		SF-065	WATER TREATMENT PIPE SUPPORT FOUNDATIONS PLAN	5/14/2012		
STRUC-		SF-070	COOLING TOWER MCC/CHEMICAL FEED MODULE FOUNDATION PLAN	4/30/2012		
STRUC-		SF-075	AMMONIA UNLOADING/STORAGE TANK FOUNDATION PLAN	4/9/2012		
STRUC-		SF-080	OIL/WATER SEPARATOR FOUNDATION PLAN	12/14/2011		
STRUC-		SF-085	GAS COMPRESSOR DRAINS TANK FOUNDATION PLAN	2/15/2012		
STRUC-		SF-090	AIR RECEIVER/CCW PUMP FOUNDATION PLAN	3/19/2012		
STRUC-		SF-100	DEMIN WATER TANK FOUNDATION PLAN	12/12/2011		
STRUC-		SF-105	DEMIN PUMPS FOUNDATION PLAN	4/2/2012		

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CONDITION OF CERTIFICATION	PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE	KIEWIT TARGET	KIEWIT FORE-CASTED	STATUS
				SUBMITTAL DATE	SUBMITTAL DATE	
STRUC-	SF-110		TREATED WATER TANK FOUNDATION PLAN	12/12/2011		
STRUC-	SF-115		RECYCLE WATER TANK FOUNDATION PLAN	12/12/2011		
STRUC-	SF-120		RECYCLED WATER FORWARDING PUMPS FOUNDATION PLAN	4/9/2012		
STRUC-	SF-125		SULFRIC ACID TANK FOUNDATION PLAN	5/10/2012		
STRUC-	SF-130		GAS YARD SCRUBBER FOUNDATION PLAN	4/23/2012		
STRUC-	SF-135		CONDENSATE COLLECTION SUMP FOUNDATION PLAN	3/26/2012		
STRUC-	SF-141		GSU FOUNDATION PLAN	11/22/2011		
STRUC-	SF-145		UAT FOUNDATION PLAN	11/18/2011		
STRUC-	SF-150		PAD MOUNTED TRANSFORMER FOUNDATION PLAN	3/30/2012		
STRUC-	SF-155		5KV SWITCHGEAR BUILDING FOUNDATION PLAN	12/27/2011		
STRUC-	SF-160		PCM FOUNDATION/VAULT PLAN	12/16/2011		
STRUC-	SF-165		WT ELECTRICAL MODULE FOUNDATION/VAULT PLAN	1/13/2012		
STRUC-	SF-170		ISO PHASE PILING PLAN	12/6/2011		
STRUC-	SF-171		ISO PHASE FOUNDATION PLAN	12/6/2011		
STRUC-	SF-175		CABLE TRAY SUPPORT FOUNDATIONS PLAN	6/4/2012		
STRUC-	SF-180		MISCELLANEOUS PIPE SUPPORT FOUNDATIONS PLAN	5/21/2012		
STRUC-	SF-195		WATER TREATMENT BUILDING FOUNDATION PLAN	2/20/2012		
STRUC-	SF-200		ADMINISTRATION/CONTROL/WAREHOUSE BUILDING FOUNDATION PLAN	12/14/2011		
STRUC-	SF-205		GAS COMPRESSOR BUILDING FOUNDATION PLAN	2/20/2012		
STRUC-	SF-210		SWITCHYARD STRUCTURES FOUNDATION PLAN	12/19/2011		
STRUC-	ST-015		CTG ACCESS PLATFORMS	10/27/2011		
STRUC-	ST-000		STEEL LOCATION PLAN	3/5/2012		
STRUC-	ST-001		WATER TREATMENT PIPE SUPPORTS	4/9/2012		
STRUC-	ST-005		CABLE TRAY SUPPORTS	4/27/2012		
STRUC-	ST-010		MISCELLANEOUS PIPE SUPPORTS	4/16/2012		
STRUC-	ST-301		TYPICAL STAIR SECTIONS AND DETAILS	10/27/2011		
STRUC-	ST-020		CTG TRANSFORMER ACCESS PLATFORMS	4/6/2012		
STRUC-	ST-025		UAT ACCESS PLATFORMS	4/6/2012		
STRUC-	ST-030		5KV BUILDING ACCESS PLATFORMS	3/30/2012		
STRUC-	ST-035		CONTAINMENT ACCESS STAIRS	5/29/2012		
STRUC-	ST-040		COOLING TOWER SUMP HANDRAIL	5/4/2012		
STRUC-	ST-302		TYPICAL HANDRAIL SECTIONS AND DETAILS	10/27/2011		
STRUC-	ST-303		TYPICAL GRATING SECTIONS AND DETAILS	10/27/2011		
STRUC-	ST-305		TYPICAL CONNECTION DETAILS	10/27/2011		
STRUC-	ST-306		TYPICAL BRACING DETAILS	10/27/2011		
STRUC-	SF-096					
STRUC-1-1.0	SPEC 930		SPECIFICATIONS FOR CAST IN PLACE CONCRETE	4/25/2011	-	APP
STRUC-1-1.1	933		PRECAST CONCRETE	8/8/2011	-	APP
STRUC-1-1.5	SPEC 936		SPECIFICATIONS FOR GROUTING	4/25/2011	-	APP
STRUC-1-10.0	912C		AUGERED PRESSURE GROUTED DISPLACEMENT PILES	7/19/2011	7/18/2011	APP
STRUC-1-10.01	PILES LOAD TEST PROGRAM		PILES LOAD TEST PROGRAM	7/19/2011	7/21/2011	APP
STRUC-1-10.02	MIX DESIGN FOR APGD TEST PILE GROUT		MIX DESIGN FOR APGD TEST PILE GROUT	7/19/2011	7/21/2011	APP
STRUC-1-10.03	04-14-09 P-1 Cylinder.pdf		REFERENCE DOCUMENTS	-	-	APP
STRUC-1-10.03	04-14-09 P-2 Cylinder.pdf		REFERENCE DOCUMENTS	-	-	APP
STRUC-1-10.03	10-219 - Mix Design		REFERENCE DOCUMENTS	-	-	APP
STRUC-1-10.03	1412898.pdf		REFERENCE DOCUMENTS	-	-	APP
STRUC-1-10.03	11-181D - Mix Design		REFERENCE DOCUMENTS	-	-	APP
STRUC-1-10.03	BRKV109M.pdf		MIX DESIGN FOR APGD TEST PILE GROUT	-	-	APP
STRUC-1-10.04	WCEP APGD Pile Load Test Report (Rev 1)		WCEP APGD Pile Load Test Report (Rev 1)	-	-	APP
STRUC-1-11.0	912B		DRILLED PIERS	8/2/2011	7/22/2011	COND APP
STRUC-1-12.000	APPROVED FABRICATOR APPLICATION		APPROVED FABRICATOR PRE ENGINEERED BLDGS	-		

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PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE			
	APPROVED FABRICATOR				
STRUC-1-12.001	APPLICATION	APPROVED FABRICATOR APPLICATION - BERKEL	-		COND APP
STRUC-1-13.0	ST-300	TYPICAL BASEPLATE DETAILS	9/7/2011	-	COMMENTS
STRUC-1-14.0	990	SPECIFICATIONS FOR PRE-ENGINEERED BLDGS	-	-	COMMENTS
STRUC-1-15.0	940	STRUCTURAL STEEL	12/8/2011	-	APP
STRUC-1-16.0	REPACKAGED	VOID	9/26/2011	-	SS
STRUC-1-17.0	SF-010	TEMPERING AIR FAN SKID FOUNDATION PLAN & SECTION	9/26/2011	-	COMMENTS
STRUC-1-18.0	910P-02	AMMONIA INJECTION SKID CALCULATIONS	9/26/2011	-	COMMENTS
STRUC-1-18.0	SF-005	AQUEOUS AMMONIA INJECTION SKID FOUNDATION PLAN & SECTION	9/26/2011	-	COMMENTS
STRUC-1-19.0	910P-03	TEMPERING AIR FAN SKID FOUNDATION CALCULATION	9/26/2011	-	COMMENTS
STRUC-1-2.0	910M-01	FIREWATER PUMP ENCLOSURE CALCULATION	4/15/2011	-	APP
STRUC-1-20.0	079B	PILE CONNECTION CALCULATION	9/28/2011	-	APP
STRUC-1-21.0	WCEP_F300_REVA_PileDetails.pdf	PILE DETAILS BERKEL	9/30/2011	-	APP
STRUC-1-21.0	WCEP_F301_REVA_PileRepairDetails.pdf	PILE DETAILS BERKEL	9/30/2011	-	APP
STRUC-1-21.0	WCEP-M01skh99.1-2011-09-30.pdf	PILE DETAILS BERKEL	9/30/2011	-	APP
STRUC-1-22.0	REPACKAGED	VOID	-	-	SS
STRUC-1-23.0	SF-020	ECM FOUNDATION ISOMETRIC	10/4/2011	-	APP
STRUC-1-23.0	SF-021	ECM FOUNDATION PILING PLAN	10/10/2011	-	APP
STRUC-1-24.0	REPACKAGED	VOID	-	-	SS
STRUC-1-25.0	910P-01	ECM FOUNDATION CALCULATION	10/4/2011	-	APP
STRUC-1-25.0	SF-022	ECM FOUNDATION PLAN AND SECTION	10/10/2011	-	APP
STRUC-1-25.0	SF-023	ECM FOUNDATION ANCHOR ROD PLAN	10/10/2011	-	APP
STRUC-1-25.0	SF-024	ECM FOUNDATION SECTIONS AND DETAILS	10/10/2011	-	APP
STRUC-1-26.0	REPACKAGED	VOID	-	-	SS
STRUC-1-27.0	REPACKAGED	VOID	-	-	SS
STRUC-1-28.0	SF-030	INTERCOOLER CTG AND AUXILIARY SKID FOUNDATION ISOMETRIC	10/10/2011		APP
STRUC-1-29.0	SF-031	INTERCOOLER FOUNDATION PILING PLAN	10/10/2011		APP
STRUC-1-3.0	WALNUT CREEK SEISMIC	STRUCTURAL CALCULATIONS - SKID STABILITY ANALYSIS	4/15/2011	-	APP
STRUC-1-30.0	SF-032	CTG FOUNDATION PILING PLAN	10/10/2011		APP
STRUC-1-30.0	SF-033	AUX SKID PILING PLAN	10/10/2011		APP
STRUC-1-31.0	SF-034	INTERCOOLER FOUNDATION PLAN	10/10/2011		APP
STRUC-1-31.0	SF-035	INTERCOOLER FOUNDATION SECTION AND DETAILS	10/10/2011		APP
STRUC-1-31.0	SF-036	INTERCOOLER FOUNDATION SECTION AND DETAILS	10/10/2011		APP
STRUC-1-31.0	910A-02	INTERCOOLER FOUNDATION CALCULATIONS	10/7/2011		APP
STRUC-1-31.0	HOLDS LIST	REFERENCE DOCUMENTS	-		APP
STRUC-1-32.0	SF-037	CTG FOUNDATION PLAN	10/10/2011		APP
STRUC-1-32.0	SF-038	CTG FOUNDATION ANCHOR ROD LAYOUT	10/10/2011		APP
STRUC-1-32.0	SF-039	CTG FOUNDATION SECTION AND DETAILS	10/10/2011		APP
STRUC-1-32.0	SF-040	AUX SKID FOUNDATION PLAN, SECTIONS AND DETAILS	10/10/2011		APP
STRUC-1-32.0	910A-01	CTG FOUNDATION CALCULATIONS	10/7/2011		APP
STRUC-1-33.0	SF-026	GSU PILING PLAN	11/22/2011	-	APP
STRUC-1-33.0	910G-01	GENERATOR STEP UP TRANSFORMER PILE DESIGN CALCULATION	11/22/2011	-	APP
STRUC-1-33.0	SF-027	GSU FOUNDATION PLANS AND SECTIONS - REFERENCE ONLY	11/22/2011	-	APP
STRUC-1-33.0	SF-028	GSU FOUNDATION PLANS AND SECTIONS - REFERENCE ONLY	11/22/2011	-	APP
STRUC-1-34.0	SF-011	PCM FOUNDATION PLAN SECTIONS AND DETAILS	-	-	COMMENTS
STRUC-1-34.0	910R-03	PCM VAULT CALCULATION	-	-	COMMENTS
STRUC-1-35.0	910Q-02	WASTE WATER TANK MAT & PILES CALC			

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				SUBMITTAL	CASTED	
				DATE	DATE	
	STRUC-1-35.0	SF-095	WASTE WATER STORAGE TANK FOUNDATION PILING PLAN DRAWING			
	STRUC-1-4.0	SF-002	FIREWATER PUMP ENCLOSURE FOUNDATION	4/15/2011	-	APP
	STRUC-1-4.1	SF-300	ANCHOR BOLT DETAILS	5/3/2011	-	COMMENTS
	STRUC-1-4.2	SF-000		5/3/2011	-	REF
	STRUC-1-4.3	SF-301	TYPICAL CONCRETE DETAILS	8/8/2011	8/8/2011	COMMENTS
	STRUC-1-5.0	54051A	CONCRET MIX - ROBERTSON'S (4500 PSI)	4/29/2011	-	APP
	STRUC-1-5.1	628111	CONCRETE MIX - ROBERTSON'S (4000 PSI)	5/10/2011	-	APP
	STRUC-1-5.2		CONCRETE MIX - ROBERTSON'S	5/11/2011	-	APP
	STRUC-1-5.3	CONCRETE MIX DESIGN	CONCRETE MIX - LEHIGH HEIDELBERG CEMENT GROUP	9/2/2011	-	APP
	STRUC-1-6.0	TEMP TRAILER TIE DOWNS	TEMP TRAILER TIE DOWNS	5/27/2011	-	COND APP
	STRUC-1-6.1	CONST TRAILERS PKG 1	CONST TRAILERS PKG 1 - LAYDOWN	7/22/2011	7/29/2011	APP
	STRUC-1-6.1	DESIGN CALCULATIONS	DESIGN CALCULATIONS	7/22/2011	7/29/2011	APP
	STRUC-1-6.1	F1	PAD/PIER/ANCHOR DESIGN	7/22/2011	7/29/2011	APP
	STRUC-1-6.1	F2	PAD/PIER/ANCHOR DESIGN	7/22/2011	7/29/2011	APP
	STRUC-1-6.1	F3	PAD/PIER/ANCHOR DESIGN	7/22/2011	7/29/2011	APP
	STRUC-1-6.1	SKM-2010031-ME-004 revA	OFFICE TRAILER LAYOUT SUBMITTED FOR REFERENCE	7/22/2011	7/29/2011	APP
	STRUC-1-6.2	CONST TRAILERS PKG 2	CONSTRUCTION TRAILERS PKG 2 - DECKING	8/8/2011	-	APP
	STRUC-1-6.2	Deck Calculations	Deck Calculations	8/8/2011	-	APP
	STRUC-1-6.2	Deck Drawings	Deck Drawings	8/8/2011	-	APP
	STRUC-1-7.0	SDC-001	STRUCTURAL DESIGN CRITERIA	6/23/2011	-	APP
	STRUC-1-8.0	COOLING TOWER DESIGN MEMO	COOLING TOWER DESIGN MEMO	5/17/2011	-	COMMENTS
	STRUC-1-9.0	SN-000	STRUCTURAL NOTES, LEGEND, AND ABBREVIATIONS	7/18/2011	-	COMMENTS
	STRUC-1-9.0	SN-001	STRUCTURAL NOTES, LEGEND, AND ABBREVIATIONS	7/18/2011	-	COMMENTS
	STRUC-1-GE	201-DA-0008-001	Main Unit Anchor Bolt Calculations	-		
	STRUC-1-GE	201-EE-0014-001		-		
	STRUC-1-GE	201-EP-0003-001	Plan and Elevation Main Turbine Terminal Box	-		
	STRUC-1-GE	201-EP-0004-001	Plan and Elevation Auxiliary Skid Terminal Box	-		
	STRUC-1-GE	201-EP-0005-001	Plan and Elevation Intercooler Terminal Box	-		
	STRUC-1-GE	201-EP-0006-001	Plan and Elevation Lineside Cubicle	-		
	STRUC-1-GE	201-EP-0007-001	Plan and Elevation Neutral Cubicle	-		
	STRUC-1-GE	201-LD-0001-001	Load Table Intercooler System	-		
	STRUC-1-GE		Load Table Lineside Cubicle	-		
	STRUC-1-GE		Load Table Neutral Cubicle	-		
	STRUC-2-1.0	WCEP-NCR-001	NON CONFORMANCE REPORT FIRE WATER PUMP FOUNDATION	6/20/2011	-	REF
	STRUC-4		TANKS & VESSELS CONTAINING TOXIC OR HAZ MATERIALS	-		
	VIS-4	COOLING TOWER DESIGN MEMO	COOLING TOWER DESIGN MEMO	5/17/2011	-	SS
	WORKER SAFETY-1	CONSTRUCTION SAFETY PLAN	CONSTRUCTION SAFETY PLAN	5/6/2011	-	REF

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			SUBMITTAL DATE	SUBMITTAL DATE	
TSE-2-1.0	CE1RESUME	OMAR OLIVARES, PE	6/6/2011		APP
TSE-2-1.0	EE1RESUME	TODD EITER, PE	6/6/2011		APP
TSE-2-1.0	EE3RESUME	RICH JACOBBER	6/6/2011		APP
TSE-2-1.0	EE3RESUME	RICH JACOBBER	6/6/2011		APP
TSE-2-1.0	ME1RESUME	LINUS DROUHARD, PE	6/6/2011		APP
TSE-2-1.0	SE1RESUME	ZHONG (JOHN) LIU, PE	6/6/2011		APP
TSE-5-1.0	PDC-001	POWER DELIVERY DESIGN CRITERIA	7/18/2011		APP
TSE-	SPEC 1066	Switchyard Structures and Equipment	10/25/2011	10/25/2011	
TSE-	SPEC 1054	High Voltage Breakers	11/14/2011	11/5/2011	
TSE-	SPEC 1057	Switchyard Protective Relay Panels	11/30/2011	11/21/2011	
TSE-	PDS-500	SWITCHYARD GENERAL ARRANGEMENT DRAWING	3/1/2012		
TSE-	PDS-501	SWITCHYARD DETAIL ARRANGEMENT & ELEVATION DRAWING - INTERCONNECT MONOPOLE	3/1/2012		
TSE-	PDS-502	SWITCHYARD DETAIL ARRANGEMENT & ELEVATION DRAWING - MAIN AND UNIT 01 BREAKERS	3/1/2012		
TSE-	PDS-503	SWITCHYARD DETAIL ARRANGEMENT & ELEVATION DRAWING - UNIT 02 BREAKER	3/1/2012		
TSE-	PDS-504	SWITCHYARD DETAIL ARRANGEMENT & ELEVATION DRAWING - UNIT 03 BREAKER	3/1/2012		
TSE-	PDS-505	SWITCHYARD DETAIL ARRANGEMENT & ELEVATION DRAWING - UNIT 04 BREAKER	3/1/2012		
TSE-	PDS-506	SWITCHYARD DETAIL ARRANGEMENT & ELEVATION DRAWING - UNIT 05 BREAKER	3/1/2012		
TSE-	PDS-507	SWITCHYARD DETAIL ARRANGEMENT & ELEVATION DRAWING - AUXILIARY TRANSFORMER BREAKERS	3/1/2012		
TSE-	PDS-515	SWITCHYARD BILL OF MATERIAL DRAWING	3/1/2012		
TSE-	PDS-730	MONOPOLE DRILLED PIER FOUNDATION DRAWING	3/1/2012		
TSE-	PDS-731	H-FRAME DRILLED PIER FOUNDATION DRAWING	3/1/2012		
TSE-	PDS-732	SWITCHYARD BREAKER FOUNDATION DRAWING	3/1/2012		
TSE-	PDS-733	SWITCHYARD DISCONNECT SWITCH SUPPORT FOUNDATION DRAWING	3/1/2012		
TSE-	PDS-734	SWITCHYARD CTPT METERING UNIT SUPPORT AND BUS SUPPORT FOUNDATION DRAWING	3/1/2012		
TSE-	PDT-800	SWITCHYARD PLAN AND PROFILE DRAWING	3/1/2012		
TSE-	SPEC 1071	Switchyard Metering and CAISO RIG	3/13/2012	3/6/2012	
TSE-	PDS-001	SWITCHYARD ONE-LINE DIAGRAM 230KV LINE AND GENERATOR BREAKERS	4/4/2012		
TSE-	PDS-002	SWITCHYARD ONE-LINE DIAGRAM 230KV GENERATOR AND AUXILIARY TRANSFORMER BREAKERS	4/4/2012		
TSE-	PDS-003	SWITCHYARD ONE-LINE DIAGRAM TRIP TABLE	4/4/2012		
TSE-	PDS-010	SWITCHYARD THREE-LINE DIAGRAM	4/4/2012		
TSE-	PDS-011	SWITCHYARD THREE-LINE DIAGRAM	4/4/2012		

**Walnut Creek Energy Park
Kiewit Project No. 2010031
Master Drawing List**

GOLD - APPROVED
GREEN - CONDITIONAL APPROVAL
BLUE - SUBMITTED

CONDITION OF CERTIFICATION PACKAGE NUMBER	DRAWING NUMBER	DRAWING TITLE	KIEWIT TARGET	KIEWIT FORE-CASTED	STATUS
			SUBMITTAL DATE	SUBMITTAL DATE	
TSE-	PDS-012	SWITCHYARD THREE-LINE DIAGRAM	4/4/2012		
TSE-	PDS-013	SWITCHYARD THREE-LINE DIAGRAM	4/4/2012		
TSE-	PDS-014	SWITCHYARD THREE-LINE DIAGRAM	4/4/2012		
TSE-	PDS-015	SWITCHYARD THREE-LINE DIAGRAM	4/4/2012		
TSE-	APPROVED FABRICATOR APPLICATION	APPROVED FABRICATOR APPLICATION			
TSE-	CALC	Monopole Foundation			
TSE-	CALC	H-Frame Structure Foundation			
TSE-	CALC	Circuit Breaker Foundation			
TSE-	CALC	Bus and Equipment Support Foundations			
TSE-	CALC	Grounding (included in ELE with plant)			
TSE-	CALC	Conductor Sag and Tension			
TSE-1-VENDOR DWGS	F.1054	Breaker plan and section view and bushing arrangement F.1054			
TSE-1-VENDOR DWGS	F.1066	Monopole structure calculations			
TSE-1-VENDOR DWGS	F.1066	Monopole structure fabrication drawings			
TSE-1-VENDOR DWGS	F.1066	H-frame structure calculations and fabrication drawing			
TSE-1-VENDOR DWGS	F.1066	Bus support structures calculations and fabrication drawingz			
TSE-1-VENDOR DWGS	F.1066	Switch stand structures calculations and fabrication drawings			
TSE-	SPEC 1024	Drilled Pier for Switchyard Structures			
TSE-1-1.0	MASTER DWG LIST	MASTER DWG LIST	9/9/2011		REF
TSE-1-1.0	MASTER SPEC LIST	MASTER SPEC LIST	9/9/2011		REF
TSE-2-1.0	EE4RESUME	DAREN PHELPS RESUME			APPROVED
TSE-2-1.0	SE3RESUME	REID STRAIN RESUME			APPROVED
TSE-2-1.0	ME2RESUME	CHRIS ANDERSON RESUME			APPROVED
TSE-2-1.0	CE2RESUME	ALAN MICHELS RESUME			APPROVED
					APPROVED

INSPECTION RECORD

Today's Date 11/29/11

Description of Inspection;

Structure TrailerComplex Area: _____

Water service and distribution system

Inspection Schedule: One day advance notice required.

Request

Date: 11/29/11 A.M./P.M. Contact: _____

Overtime Requested: YES/NO SIGN: _____ Cell/Tel. Number: _____

Inspection Results: PASS: Yes

REPAIR

REQUIRED: _____

Inspector's Comments:

Pressure regulator installed and lab test passed

NOTE: *Corrections must be performed, inspected and approved prior to continuing work in affected area.*

Inspector of Record: Harvey Thomas

Date: 11/29/11



E.S. BABCOCK & Sons, Inc.
Environmental Laboratories est. 1906

Aqua Backflow

590 W. Maple Court Suite D
Colton CA 92324
(909) 433-8333

Work Number: **A1K2260**

Project Manager:
Justin C. Troup (x249)

Laboratory Analysis Record			
Date & Time set-up	<u>4/22/11 @ 1745</u>	By	<u>am / ctt</u>
Time from collection to set-up	<u>52</u>	Holding time observed:	Hrs.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date & Time read	<u>11/22/11 @ 1745</u>	By	<u>am</u>
HPC Date & Time read	<u>11/22/11 @ 1725</u>	By	<u>am</u>

Submitted By: **Chris**

Date/Time: **11/22/2011 16:30**

Received On Ice: **Yes 7.0°C**

COC/ Labels Agree: **Yes**

COD Client: **No**

Sample Marking

24 Hour Presence / Absence Coliform Test SM 9223

Project Information

Kiewit/Industry No Project	Sample Type: Expires	Date/ Time	HPC CFU/mL	Volume	Presence / Absence Results	
					Total Coliform	<i>E. coli</i>
BT- MMUG P/A HPC Pack Sampled By: Chris Lab ID: A1K2260-01 Client ID: Kiewit Owens	---SPECIAL--- Expires: 11/23/2011 19:00	11/22/2011 1:00:00PM	1	100 mL	<input checked="" type="checkbox"/> ABSENT <input type="checkbox"/> PRESENT	<input checked="" type="checkbox"/> ABSENT <input type="checkbox"/> PRESENT
BT- MMUG P/A HPC Pack Sampled By: Chris Lab ID: A1K2260-02 Client ID: Kiewit Trailer	---SPECIAL--- Expires: 11/23/2011 19:10	11/22/2011 1:10:00PM	1	100 mL	<input checked="" type="checkbox"/> ABSENT <input type="checkbox"/> PRESENT	<input checked="" type="checkbox"/> ABSENT <input type="checkbox"/> PRESENT
BT- MMUG P/A HPC Pack Sampled By: Chris Lab ID: A1K2260-03 Client ID: Kiewit GE	---SPECIAL--- Expires: 11/23/2011 19:20	11/22/2011 1:20:00PM	1	100 mL	<input checked="" type="checkbox"/> ABSENT <input type="checkbox"/> PRESENT	<input checked="" type="checkbox"/> ABSENT <input type="checkbox"/> PRESENT

FAX 48 hr bacti result to (888)827-5019. Call ONLY Chris if positive, cell (951)233-0233. OK to leave voice mail.

Printed: 11/22/2011 17:06.27

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1862
www.babcocklabs.com

NELAP no. 02101CA
CA Elap no. 2698
EPA no. CA00102



Transmittal Form

Transmittal Number: CBO-0263

Date: 11/28/2011

Project: Walnut Creek Energy Park
Subject: ELEC-1-17.0 Rev 1 GROUNDING SITE KEY PLAN

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: Due date 12/19/11

EG-001 previously approved. EG-120, EG-210 and EG-220 were added to drawing, and will be submitted for review at a later date.

Number	Rev	Description	Issue Date
EG-001	1	ELECTRICAL GROUNDING SITE KEY PLAN ADDED EG-120, EG-210, & EG-220	11/28/2011

Approved By: 
Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0262

Date: 11/22/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-33.0 Rev 1 GSU PILING PLAN AND CALCULATION

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

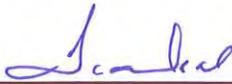
Comments: Due date 11/23/11

910G-01 Rev 1.

Response to Plan check Comments for STRUC-1-33.0.

CBO Group:	CBO Group Description:	CBO Group Rev:		
Number	Title		Rev	Issue Date
STRUC-1-33.0	GSU PILING PLAN AND CALCULATION	1		
	<i>Rev Description</i>			
SF-026	GSU FOUNDATION PILING PLAN UPDATED PILE LOAD TABLE PER CBO		1	11/22/2011

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0261

Date: 11/22/2011

Project: Walnut Creek Energy Park
Subject: CIVIL-1-2.5 Rev 3 GEOTECH REPORT

Transmitted via e-mail to the selected companies:

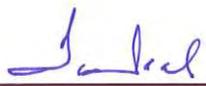
- CBO
- EME
- HDR
- KPC
- KPE

Comments: Due date 11/29/11

Foundation Drawings Review

Response for Rev 2

Walnut Creek Geotech Rev 3

Approved By:  _____

Shirley M. Deal
Project Manager
Kiewit Power Engineers



Transmittal Form

Transmittal Number: CBO-0260

Date: 11/22/2011

Project: Walnut Creek Energy Park
Subject: GEN-6-2.5 Rev 0 SPECIAL INSPECTORS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE DATE 12/13/11

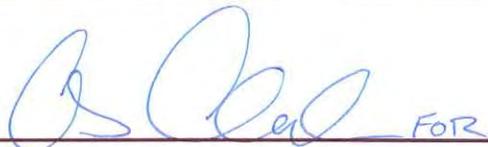
JERETT HAYES - RESUME

JERETT HAYES - CERTIFICATE

JERETT HAYES - LICENSE

QC Southwest will fulfill shop inspection requirements for Reinforced Structural Concrete.

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0259

Date: 11/18/2011

Project: Walnut Creek Energy Park
Subject: ELEC-1-7.0 Rev 2 GROUNDING DETAILS

Transmitted via e-mail to the selected companies:

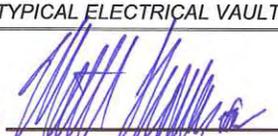
- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 12/09/11

2010-031-EG-901 rev1 - submitted for review and approval. The following documents were previously approved and included for reference only.
2010-031-EG-900 rev0
2010-031-EG-902 rev0

Number	Rev Description	Title	Rev	Issue Date
EG-901		ELECTRICAL GROUNDING DETAILS ADDED TYPICAL ELECTRICAL VAULT GROUNDING DETAIL	1	11/18/2011

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0258

Date: 11/18/2011

Project: Walnut Creek Energy Park
Subject: ELEC-1-18.0 Rev 1 GROUNDING LAYOUT

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 12/09/11

DOCUMENTS PREVIOUSLY APPROVED. BASIS FOR RE-SUBMITTAL: RELEASED HOLDS #022, 023, #024, #028, #029, & #30, REVISED CONNECTION TYPES, REVISED EQUIPMENT TAGS, HOLD #027 REMOVED FROM DWG SCOPE, ADDED LADDER GROUNDS, ADDED GSU GROUNDING & ISO PHASE GROUNDING, ADDED DIMENSIONS

CBO Group:	CBO Group Description:	CBO Group Rev:		
ELEC-1-18.0	GROUNDING LAYOUT	1		
Number	Title	Rev	Issue Date	
	<i>Rev Description</i>			
EG-230	ELECTRICAL GROUNDING LAYOUT CTG #01 & SWITCHYARD AREA <i>RELEASED HOLDS #022, 023, #024, #028, #029, & #30, REVISED CONNECTION TYPES, REVISED EQUIPMENT TAGS, HOLD #027 REMOVED FROM DWG SCOPE, ADDED LADDER GROUNDS, ADDED GSU GROUNDING & ISO PHASE GROUNDING, ADDED DIMENSIONS</i>	1	11/18/2011	
EG-240	ELECTRICAL GROUNDING LAYOUT CTG #02 & SWITCHYARD AREA <i>RELEASED HOLDS #022, 023, #024, #028, #029, & #30, REVISED CONNECTION TYPES, REVISED EQUIPMENT TAGS, HOLD #027 REMOVED FROM DWG SCOPE, ADDED LADDER GROUNDS, ADDED GSU GROUNDING & ISO PHASE GROUNDING, ADDED DIMENSIONS</i>	1	11/18/2011	
EG-250	ELECTRICAL GROUNDING LAYOUT CTG #03 & #04, SWITCHYARD AREA <i>RELEASED HOLDS #022, 023, #024, #028, #029, & #30, REVISED CONNECTION TYPES, REVISED EQUIPMENT TAGS, HOLD #027 REMOVED FROM DWG SCOPE, ADDED LADDER GROUNDS, ADDED GSU GROUNDING & ISO PHASE GROUNDING, ADDED DIMENSIONS</i>	1	11/18/2011	
EG-260	ELECTRICAL GROUNDING LAYOUT CTG #05 & SWITCHYARD AREA <i>RELEASED HOLDS #022, 023, #024, #028, #029, & #30, REVISED CONNECTION TYPES, REVISED EQUIPMENT TAGS, HOLD #027 REMOVED FROM DWG SCOPE, ADDED LADDER GROUNDS, ADDED GSU GROUNDING & ISO PHASE GROUNDING, ADDED DIMENSIONS</i>	1	11/18/2011	

Approved By: 
 Shirley M. Deal
 Project Manager
 Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0257

Date: 11/18/2011

Project: Walnut Creek Energy Park

Subject: ELEC-1-23.0 Rev 0 OVERALL ELECTRICAL ONE-LINE DIAGRAM

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 12/09/11

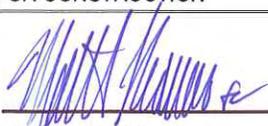
The following documents are submitted for reference only. The revA and vendor documents will be submitted for review at a later date under separate packages. 2010-031-EO-001 is submitted for review.

2010-031-EE-001 rev0 - FOR REFERENCE - APPROVED UNDER ELEC-1-8.0
2010-031-EE-002 revA
2010-031-EO-025 revA
2010-031-EO-026 revA
2010-031-EO-027 revA
2010-031-EO-028 revA
2010-031-EO-029 revA
2010-031-EO-030 revA
2010-031-EO-031 revA
2010-031-EO-032 revA
2010-031-EO-033 revA
2010-031-EO-034 revA
2010-031-EO-035A revA
2010-031-EO-035B revA
201-EO-0001-001_A_307399_AAN
201-ES-0023-001_2_307847_AAN
800-ED-0001-001_1_331562_NRT

Transmittal Form

CBO Group: ELEC-1-23.0	CBO Group Description: OVERALL ELECTRICAL ONE-LINE DIAGRAM	CBO Group Rev: 0	
Number <i>Rev Description</i>	Title	Rev	Issue Date
EO-001	OVERALL ELECTRICAL ONE-LINE DIAGRAM <i>ISSUED FOR CONSTRUCTION</i>	0	11/18/2011

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0256

Date: 11/18/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-35.0 Rev 0 WASTE WATER STORAGE TANK PILING

Transmitted via e-mail to the selected companies:

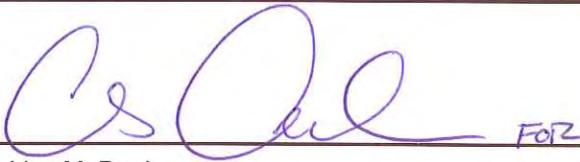
- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE DATE 11/29/11

910Q-02 REV0 - WASTE WATER TANK MAT & PILES CALC

2010-031-SF-095 REV0 - WASTE WATER STORAGE TANK FOUNDATION PILING PLAN DRAWING

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0255

Date: 11/18/2011

Project: Walnut Creek Energy Park

Subject: MECH-1-4.0 Rev 1 FIRE PROTECTION CODE REVIEW

Transmitted via e-mail to the selected companies:

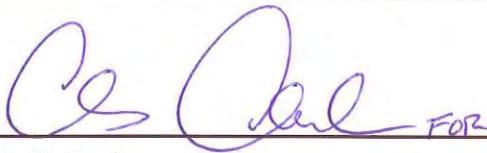
- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE DATE 11/29/11

FPC-530 - REV 1 FIRE PROTECTION DESIGN BASIS DOCUMENT

RESPONSE TO CBO COMMENTS FOR MECH-1-4.0 REV 0

Approved By: _____



Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0254

Date: 11/16/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-34.0 Rev 0 PCM FOUNDATION

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/21/11 PLEASE EXPEDITE

910R-03 - PCM VAULT CALCULATION

CBO Group:		CBO Group Description:		CBO Group Rev:	
STRUC-1-34.0		PCM FOUNDATION		0	
Number	Rev Description	Title	Rev	Issue Date	
SF-011		PCM FOUNDATION PLAN, SECTIONS AND DETAILS SECTIONS AND DETAILS	0	11/16/2011	
ISSUED FOR CONSTRUCTION					

Approved By: 
Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0253

Date: 11/15/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-18.0 Rev 3 AMMONIA INJECTION SKID CALCULATION

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/21/11

910P-02 rev2 - Ammonia Injection Skid Calculation
2010-031-SF-005 rev1 - Ammonia Injection Skid Foundation Plan & Section
Response to Plan Check Comments for STRUC 1-18.0 (REV2)

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0252

Date: 11/15/2011

Project: Walnut Creek Energy Park
Subject: TSE-2-1.0 Rev 1 RESPONSIBLE ENGINEERS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/28/11

EE4RESUME - DAREN PHELPS, PE - REPLACES RICHARD JACOBBER (EE3RESUME)
SE3RESUME - REID STRAIN, PE - REPLACES ZHONG (JOHN) LIU (SE1RESUME)
ME2RESUME: CHRIS ANDERSON, PE - REPLACES LINUS DROUHARD (ME1RESUME)
CE2RESUME REV1: ALAN D. MICHELS, PE - REPLACES OMAR OLIVARES (CE1RESUME)

Approved By: 
Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0251

Date: 11/15/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-4.3 Rev 2 TYPICAL CONCRETE DETAILS

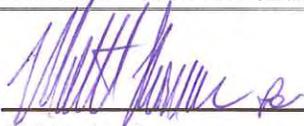
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/28/11

PREVIOUSLY APPROVED - ADDED TYPICAL WALL JOINT AND SLAB ON DETAILS

CBO Group:		CBO Group Description:		CBO Group Rev:	
STRUC-1-4.3		TYPICAL CONCRETE DETAILS		2	
Number	Rev Description	Title	Rev	Issue Date	
SF-301		TYPICAL CONCRETE DETAILS	2	11/15/2011	
		ADDED TYPICAL WALL JOINT AND SLAB ON DETAILS			

Approved By: 
Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0250

Date: 11/15/2011

Project: Walnut Creek Energy Park

Subject: MECH-1-7.0 Rev 1 PIPING & INSTRUMENTATION DIAGRAMS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: Due date 11/28/11

RESPONSE TO PLAN CHECK COMMENTS MECH-1-7.0
2010-031-PC-001 revA - PIPE CODE
2010-031-MLL-001 rev0 - LINE LIST
PS-260 rev0 - PIPING AND INSTRUMENTATION DIAGRAM CWS - CIRCULATING WATER
PS-261 rev0 - PIPING AND INSTRUMENTATION DIAGRAM CWS - CIRCULATING WATER
PS-270 rev0 - PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER
PS-271 rev0 - PIPING AND INSTRUMENTATION DIAGRAM CCW - CLOSED COOLING WATER
PS-360 rev0 - PIPING AND INSTRUMENTATION DIAGRAM RWS - RECYCLE WATER STORAGE &
FORWARDING
PS-375 rev0 - PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER
TREATMENT MULTIMEDIA FILTERS
PS-376 rev0 - PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER
TREATMENT REVERSE OSMOSIS
PS-380 rev0 - PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER
TREATMENT REVERSE OSMOSIS
PS-381 rev0 - PIPING AND INSTRUMENTATION DIAGRAM DWT - DEMINERALIZED WATER
TREATMENT REVERSE OSMOSIS
PS-390 rev0 - PIPING AND INSTRUMENTATION DIAGRAM SWS - SERVICE WATER
PS-400 rev0 - PIPING AND INSTRUMENTATION DIAGRAM PWS - POTABLE WATER
PS-401 rev0 - PIPING AND INSTRUMENTATION DIAGRAM PWS - POTABLE WATER
PS-410 rev0 - PIPING AND INSTRUMENTATION DIAGRAM DWS - DEMINERALIZED WATER
SYSTEM
PS-411 rev0 - PIPING AND INSTRUMENTATION DIAGRAM DWS - DEMINERALIZED WATER SYSTEM
PS-412 rev0 - PIPING AND INSTRUMENTATION DIAGRAM DWS - DEMINERALIZED WATER SYSTEM
PS-470 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FPS - FIRE PROTECTION
PS-471 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FPS - FIRE PROTECTION
PS-560 rev0 - PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR
PS-561 rev0 - PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR
PS-562 rev0 - PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR
PS-563 rev0 - PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR
PS-564 rev0 - PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR
PS-565 rev0 - PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR
PS-566 rev0 - PIPING AND INSTRUMENTATION DIAGRAM INA - INSTRUMENT AIR

Transmittal Form

PS-650 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS PRESSURE REGULATING STATION
PS-651 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS COMPRESSOR 1A
PS-654 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS SUPPLY UNIT NO. 04 & 05
PS-655 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS SUPPLY UNIT NO 02 & 03
PS-656 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS SUPPLY UNIT NO. 01
PS-657 rev0 - PIPING AND INSTRUMENTATION DIAGRAM FGS - FUEL GAS COMPRESSOR DISCHARGE FILTER/SEPARATORS
PS-780 rev0 - PIPING AND INSTRUMENTATION DIAGRAM AQA - AQUEOUS AMMONIA
PS-950 rev0 - PIPING AND INSTRUMENTATION DIAGRAM SDR - SANITARY DRAIN
PS-960 rev0 - PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTEWATER DRAIN
PS-961 rev0 - PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTEWATER DRAIN
PS-962 rev0 - PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTEWATER DRAIN
PS-963 rev0 - PIPING AND INSTRUMENTATION DIAGRAM WDR - WASTEWATER DRAIN
PS-970 rev0 - PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS
PS-971 rev0- PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS
PS-972 rev0 - PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS
PS-973 rev0 - PIPING AND INSTRUMENTATION DIAGRAM PDR - PLANT DRAINS

Approved By: 

Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0249

Date: 11/15/2011

Project: Walnut Creek Energy Park

Subject: MECH-1-5.0 Rev 1 SPECIFICATIONS FOR MECHANICAL COMMODITIES

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/28/11

Response to Plan Check Comments Mech-1-5.0

CBO Group:		CBO Group Description:		CBO Group Rev:	
MECH-1-5.0		SPECIFICATIONS FOR MECHANICAL COMMO		1	
Number	Rev Description	Title	Rev	Issue Date	
600	ISSUED FOR CONSTRUCTION	MECHANICAL COMMODITIES	1	11/15/2011	

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0248

Date: 11/15/2011

Project: Walnut Creek Energy Park

Subject: MECH-1-4.01 Rev 0 FIRE PROTECTION SYSTEM DEMAND & LINE SIZING

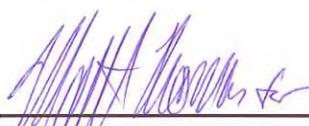
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: FOR REFERENCE ONLY

FPS-A - FIRE PROTECTION SYSTEM DEMAND AND LINE SIZING - FOR REFERENCE ONLY

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0247

Date: 11/14/2011

Project: Walnut Creek Energy Park

Subject: MECH-1-10.0 Rev 0 UNDERGROUND YARD PIPING PKG 2

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/21/11 PLEASE EXPEDITE

Transmittal Form

CBO Group:		CBO Group Description:	CBO Group Rev:	
MECH-1-10.0		UNDERGROUND YARD PIPING PKG 2	0	
Number	Title		Rev	Issue Date
	<i>Rev Description</i>			
YP-060	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-070	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-080	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-150A	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-170	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-170A	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-180	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-240	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-250	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-260	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011
YP-270	MECHANICAL UNDERGROUND YARD PIPING <i>ISSUED FOR CONSTRUCTION</i>		0	11/14/2011

Approved By: _____


 Shirley M. Deal
 Project Manager
 Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0246

Date: 11/14/2011

Project: Walnut Creek Energy Park
Subject: ELEC-1-22.0 Rev 0 SHORT CIRCUIT ANALYSIS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE DECEMBER 5, 2011

CALC 880D Rev 0 - SHORT CIRCUIT ANALYSIS

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0245

Date: 11/10/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-30.0 Rev 2 CTG & AUX SKID PILING PLAN

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

910A-01 rev2 - REFERENCE ONLY - SEE STRUC-1-32.0
2010-031-SF-032 rev0 - CTG FOUNDATION PILING PLAN
2010-031-SF-033 rev1 - AUXILIARY SKID PILING PLAN
Response to Plan Check Comments for STRUC 1-30-0 (REV1)

Approved By: 
Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0244

Date: 11/10/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-32.0 Rev 2 CTG FOUNDATION PLANS

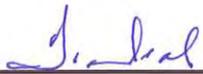
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

2010-031-SF-037 rev1
2010-031-SF-038 rev1
2010-031-SF-040 rev1
910A-01 rev2.pdf
Response to Plan Check Comments for STRUC 1-32-0 (REV1)

CBO Group:		CBO Group Description:	CBO Group Rev:	
STRUC-1-32.0		CTG FOUNDATION PLANS	2	
Number	Rev Description	Title	Rev	Issue Date
SF-039		CTG FOUNDATION SECTION AND DETAILS	2	11/10/2011
	REVISED SECT 37-B-39 PER CBO COMMENTS			

Approved By: 
Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0243

Date: 11/10/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-31.0 Rev 2 INTERCOOLER FOUNDATION PLANS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

Comments not received on STRUC-1-31.0 - CHANGES TO CALCULATION BASED ON CBO COMMENTS TO STRUC-1-29.0.

2010-031-SF-034 rev0 - INTERCOOLER FOUNDATION PLAN
2010-031-SF-035 rev2 - INTERCOOLER FOUNDATION SECTION AND DETAILS
2010-031-SF-036 rev1 - INTERCOOLER FOUNDATION SECTION AND DETAILS
910A-02 rev2 - INTERCOOLER FOUNDATION CALCULATIONS
Response to Plan Check Comments for STRUC 1-29-0 (REV1)

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0242

Date: 11/10/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-29.0 Rev 2 INTERCOOLER FOUNDATION PILING PLAN

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

Response to Plan Check Comments for STRUC 1-29-0 (REV1)
2010-031-SF-031 rev0 - INTERCOOLER FOUNDATION PILING PLAN
910A-02 rev2 - REFERENCE ONLY - SEE STRUC-1-31.0

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0241

Date: 11/10/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-25.0 Rev 2 ECM FOUNDATION PLAN & SECTION

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

Response to Plan Check Comments for STRUC-1 25.0 (REV1)
 2010-031-SF-022 rev1 - ECM FOUNDATION PLAN AND SECTION
 2010-031-SF-023 rev1 - ECM FOUNDATION ANCHOR ROD PLAN
 910P-01 rev2 - ECM FOUNDATION CALCULATION

CBO Group:	CBO Group Description:	CBO Group Rev:		
STRUC-1-25.0	ECM FOUNDATION PLAN & SECTION	2		
Number	Title		Rev	Issue Date
	<i>Rev Description</i>			
SF-024	ECM FOUNDATION SECTIONS AND DETAILS		2	11/10/2011
	<i>REVISED DETAIL 23-1-24 PER CBO COMMENTS AND REVISED REINF REFERENCE</i>			

Approved By: 
 Shirley M. Deal
 Project Manager
 Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0240

Date: 11/10/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-23.0 Rev 2 ECM FOUNDATION ISOMETRIC

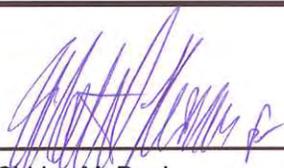
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

Response to Plan Check Comments for STRUC-1 23.0 (REV1)
910P-01 rev2 - REFERENCE ONLY
2010-031-SF-020 rev1
2010-031-SF-021 rev1

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0239

Date: 11/10/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-18.0 Rev 2 AMMONIA INJECTION SKID CALCULATION

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

STRUC-1-16.0 IS SUPERSEDED BY STRUC-1-18.0.

910P-02 rev2.pdf

2010-031-SF-005 rev1.pdf

Response to Plan Check Comments for STRUC 1-18.0 (REV1).pdf

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0238

Date: 11/10/2011

Transmittal via e-mail only to:

Project: Walnut Creek Energy Park

Subject: STRUC-1-20.0 Rev 3 PILE CONNECTION CALCULATION

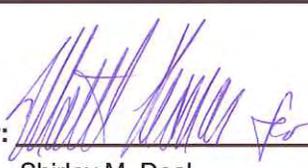
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/10/11

079B rev3
Response to Plan Check Comments for STRUC-1 20.0 (REV2)

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0237

Date: 11/10/2011

Project: Walnut Creek Energy Park
Subject: GEN-6-3.0 Rev 0 SPECIAL INSPECTORS

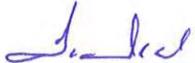
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: PLEASE EXPEDITE

LUIS HUTCHINS - Rebar Shop Inspector for our Pile Cage Fabrication

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers



Transmittal Form

Transmittal Number: CBO-0236

Date: 11/10/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-4.1 Rev 5 ANCHOR BOLT DETAILS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/17/11

PREVIOUSLY APPROVED - ADDED SLEEVED ANCHOR ROD DETAILS CBO COMMENTS

CBO Group:		CBO Group Description:	CBO Group Rev:	
STRUC-1-4.1		ANCHOR BOLT DETAILS	5	
Number	Title	Rev	Issue Date	
	<i>Rev Description</i>			
SF-300	ANCHOR ROD DETAILS	5	11/10/2011	
	ADDED SLEEVED ANCHOR ROD DETAILS PER CBO COMMENTS			

Approved By: 
 Shirley M. Deal
 Project Manager
 Kiewit Power Engineers

Transmittal Form

Transmittal Number: **CBO-0235**

Date: 11/9/2011

Transmittal via e-mail only to:

Project: Walnut Creek Energy Park

Subject: Rev 2

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments:

079B REV2 - PILE CONNECTION CALCULATION
Response to Plan Check Comments for STRUC-1.20.0 (REV1)

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0234

Date: 11/8/2011

Project: Walnut Creek Energy Park

Subject: MECH-1-6.0 Rev 1 UNDERGROUND YARD PIPING PKG 1

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

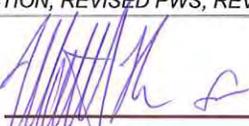
Comments: DUE DATE 11/15/2011

Responses to CBO commentsfor submittal MECH -1-6.0.

Transmittal Form

CBO Group:		CBO Group Description:	CBO Group Rev:	
MECH-1-6.0		UNDERGROUND YARD PIPING PKG 1	1	
Number	Rev Description	Title	Rev	Issue Date
YP-000	ADDED YP-150A	MECHANICAL UNDERGROUND YARD PIPING KEY PLAN	1	11/8/2011
YP-120	ADDED CLO/CNP TABLE	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011
YP-130	RELEASED HOLD #018, CLO/CNP TABLE ADDED, REVISED SWS TEE, REVISED PWS, REVISED 6" FGS LINE#, CHANGED PIPE CODE WRD0807 EMB TO GBA, RELOCATED 3"-RWS0993, REVISED INA REDUCERS	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011
YP-140	RELEASED HOLD #18 & 019, ADDED CLO/CNP TABLE AS PER CBO COMMENT, REVISED AQA0745, E COORDINATE, REVISED PWS SYSTEM, ADDED CATHODIC PROTECTION	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011
YP-150	RELEASED HOLD #018, ADDED HOLD #044, ADDED CLO/CNP TABLE, REVISED INA REDUCER SIZE, SEPARATE WATER TREATMENT AS YP-150A, REVISED CTP REDUCING TEE TO EQUAL TEE W/ REDUCER, REVISED PWS, ADDED CATHODIC PROTECTION, ADDED ELBOWS TO 3" & 12" RWS	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011
YP-160	DELETED REDUCER CALLOUT, REVISED CNP-96100, CNP55610 & CNP-56634, MOVED 1Z-8"-WRD0811 & CNP-96101 SOUTH 6 FEET, REVISED LOCATOIN OF TP-96105, REVISED FPS BOP, ADDED CATHODIC PROTECTION, REVISED INA ROUTING	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011
YP-210	DELETED REDUCER CALLOUT, REVISED CNF-95100, CNP55610 & CNP-56534.....	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011
YP-220	RELOCATED VALVE V471001 TO YP-230 PER CBO COMMENTS, ADDED CLO/CNP TABLE, REVISED CALLOUT TO CNP, REVISED 3" - PWS0652	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011
YP-230	HOLD #018 RELEASED, VALVES 1Z-V471001 AND 1Z-V471033 RELOCATED, ADDED CLO/CNP TABLE, ADDED CATHODIC PROTECTION, REVISED PWS, REVISED FGS LINE NUMBER, ADDED HOLD #046, ADDED CLO-97013, MOVED CLO-97011	MECHANICAL UNDERGROUND YARD PIPING	1	11/8/2011

Approved By: _____


 Shirley M. Deal
 Project Manager
 Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0233

Date: 11/4/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-33.0 Rev 0 GSU PILING PLAN AND CALCULATION

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/11/11

910G-01 rev0 - GENERATOR STEP UP TRANSFORMER PILE DESIGN
SF-027 REV0 OPEN - GSU FOUNDATION PLANS AND SECTIONS - FOR REFERENCE ONLY
SF-028 REV0 OPEN - GSU FOUNDATION PLANS AND SECTIONS - REFERENCE ONLY

CBO Group:		CBO Group Description:		CBO Group Rev:	
STRUC-1-33.0		GSU PILING PLAN AND CALCULATION		0	
Number	Rev Description	Title	Rev	Issue Date	
SF-026		GSU FOUNDATION PILING PLAN	0	11/4/2011	
	ISSUED FOR CONSTRUCTION				

Approved By: 

Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0232

Date: 11/3/2011

Project: Walnut Creek Energy Park
Subject: GEN-6-2.4 Rev 0 SPECIAL INSPECTORS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/10/11 - PLEASE EXPEDITE

Joshua Myers - Resume
QC Manual Revision 10
QCSW NDE QC Manual

Approved By: _____



Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0231

Date: 11/3/2011

Project: Walnut Creek Energy Park
Subject: GEN-6-2.3 Rev 0 SPECIAL INSPECTORS

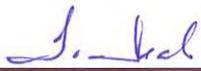
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/10/11 - PLEASE EXPEDITE

Harold Fisher - Resume

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0230

Date: 11/3/2011

Project: Walnut Creek Energy Park
Subject: GEN-6-2.2 Rev 0 SPECIAL INSPECTORS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/10/11 - PLEASE EXPEDITE

Carl Johnson - Resume

Approved By: _____



Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0229

Date: 11/3/2011

Project: Walnut Creek Energy Park
Subject: GEN-6-2.1 Rev 0 SPECIAL INSPECTORS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/10/11 - PLEASE EXPEDITE

Anthony Canzoneri - Resume

Approved By: _____



Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0228

Date: 11/3/2011

Project: Walnut Creek Energy Park
Subject: GEN-6-2.0 Rev 0 SPECIAL INSPECTORS

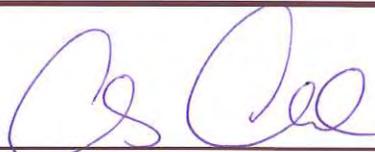
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/10/11 - PLEASE EXPEDITE

Biggen Raney - Resume
SCS Quality Manual - Rev 3 10 22 11

Approved By: _____

 FOR

Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0227

Date: 11/2/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-32.0 Rev 1 CTG FOUNDATION PLANS

Transmitted via e-mail to the selected companies:

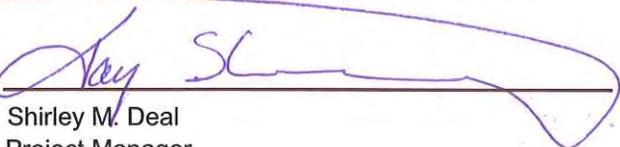
- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/16/11

910A-01 rev1 - CTG FOUNDATION CALCULATIONS
 Response to Plan Check Comments for STRUC 1-32-0 (REV0).pdf

CBO Group:		CBO Group Description:	CBO Group Rev:	
STRUC-1-32.0		CTG FOUNDATION PLANS	1	
Number	Title	Rev	Issue Date	
<i>Rev Description</i>				
SF-037	CTG FOUNDATION PLAN <i>REVISED DIMENSIONS</i>	1	11/2/2011	
SF-038	CTG FOUNDATION ANCHOR ROD LAYOUT <i>REVISED ANCHOR ROD SCHEDULE</i>	1	11/2/2011	
SF-039	CTG FOUNDATION SECTION AND DETAILS <i>REVISED SECT 37-A-39, H-H, AND 37-D-39</i>	1	11/2/2011	
SF-040	AUXILIARY SKID FOUNDATION PLAN, SECTIONS AND DETAILS <i>REVISED PLAN, SECT A-A, AR SCHEDULE, AND ADDED DETAIL 2 AND SECT B-B</i>	1	11/2/2011	

Approved By:


 Shirley M. Deal
 Project Manager
 Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0226

Date: 11/2/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-31.0 Rev 1 INTERCOOLER FOUNDATION PLANS

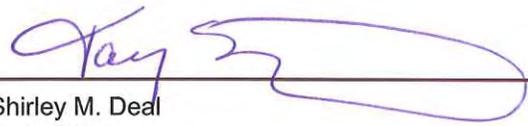
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/16/11

Response to Plan Check Comments for STRUC 1-31-0 (REV0)
 2010-031-SF-034 rev0 - INTERCOOLER FOUNDATION PLAN
 910A-02 - INTERCOOLER FOUNDATION CALCULATIONS

CBO Group:		CBO Group Description:	CBO Group Rev:	
STRUC-1-31.0		INTERCOOLER FOUNDATION PLANS	1	
Number	Rev Description	Title	Rev	Issue Date
SF-035		INTERCOOLER FOUNDATION SECTION AND DETAILS	2	11/2/2011
		REVISED ANCHOR ROD SCHEDULE		
SF-036		INTERCOOLER FOUNDATION SECTION AND DETAILS	1	11/2/2011
		RELEASED HOLD #032		

Approved By: 
 Shirley M. Deal
 Project Manager
 Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0225

Date: 11/2/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-30.0 Rev 1 CTG & AUX SKID PILING PLAN

Transmitted via e-mail to the selected companies:

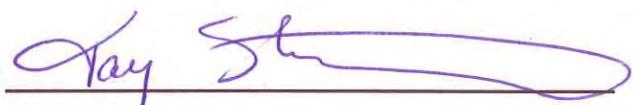
- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE DATE 11/07/11

2010-031-SF-032 rev0 - CTG FOUNDATION PILING PLAN
910A-01 rev1 - REFERENCE ONLY - SEE STRUC-1-32.0
Response to Plan Check Comments for STRUC 1-30-0 (REV0).pdf

CBO Group:		CBO Group Description:		CBO Group Rev:	
STRUC-1-30.0		CTG & AUX SKID PILING PLAN		1	
Number	Rev Description	Title		Rev	Issue Date
SF-033		AUXILIARY SKID PILING PLAN		1	11/2/2011
		REVISED DIMENSIONS			

Approved By: _____



Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0224

Date: 11/2/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-29.0 Rev 1 INTERCOOLER FOUNDATION PILING PLAN

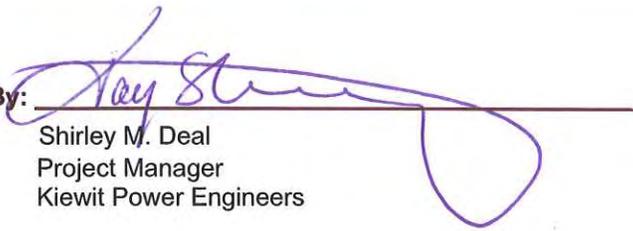
Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/10/11

Response to Plan Check Comments for STRUC 1-29-0 (REV0)
2010-031-SF-031 rev0 - INTERCOOLER FOUNDATION PILING PLAN
910A-02 rev1 - REFERENCE ONLY - SEE STRUC-1-31.0

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0223

Date: 11/2/2011

Project: Walnut Creek Energy Park
Subject: STRUC-1-21.0 Rev 3 PILE DETAILS

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/03/11

RESPONSE TO CBO COMMENTS for STRUC 1.21.00 Rev 2
PJ's approved HRC fabricator
WCEP_F300 PileDetails revC
WCEP-M01skh99.2-2011-10-24 certified
WCEP_F301_PileRepairDetails revE

Approved By: _____


Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0222

Date: 11/2/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-16.0 Rev 1 AQUEOUS AMMONIA DELIVERY SKID FOUNDATION PLAN & SE

Transmitted via e-mail to the selected companies:

- CBO
- EME
- HDR
- KPC
- KPE

Comments: DUE 11/09/11

Response to Plan Check Comments for STRUC 1-16.0 (REV0)

CBO Group:	CBO Group Description:	CBO Group Rev:		
Number	Title		Rev	Issue Date
<i>Rev Description</i>				
SF-005	AMMONIA INJECTION SKID FOUNDATION PLAN & SECTION ISSUED FOR CONSTRUCTION		1	11/2/2011

Approved By: 

Shirley M. Deal
Project Manager
Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0221

Date: 11/1/2011

Transmittal via e-mail only to:

Project: Walnut Creek Energy Park

Subject: VOID Rev 1 VOID

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- EME
- HDR
- KPC
- KPE

Comments:

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Shirley M. Deal
Project Manager
Kiewit Power Engineers

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Transmittal Number: CBO-0220

Date: 11/1/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-25.0 Rev 1 ECM FOUNDATION PLAN & SECTION

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- KPE

Comments: DUE 11/04/11

910P-01 rev1 - ECM FOUNDATION CALCULATION
Response to Plan Check Comments for STRUC-1 25.0 (REV0).pdf

CBO Group:		CBO Group Description:	CBO Group Rev:	
STRUC-1-25.0		ECM FOUNDATION PLAN & SECTION	1	
Number	Rev Description	Title	Rev	Issue Date
SF-022	ISSUED FOR CONSTRUCTION	ECM FOUNDATION PLAN AND SECTION	1	11/1/2011
SF-023	ISSUED FOR CONSTRUCTION	ECM FOUNDATION ANCHOR ROD PLAN	1	11/1/2011
SF-024	ISSUED FOR CONSTRUCTION	ECM FOUNDATION SECTIONS AND DETAILS	1	11/1/2011

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Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0219

Date: 11/1/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-23.0 Rev 1 ECM FOUNDATION ISOMETRIC

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Comments: DUE 11/04/11

910P-01 rev1 - REFERENCE ONLY SEE PKG STRUC-1-25.0
Response to Plan Check Comments for STRUC-1 23.0 (REV0).pdf

CBO Group:		CBO Group Description:	CBO Group Rev:	
STRUC-1-23.0		ECM FOUNDATION ISOMETRIC	1	
Number	Rev Description	Title	Rev	Issue Date
SF-020		ECM FOUNDATION ISOMETRIC	1	11/1/2011
	<i>ISSUED FOR CONSTRUCTION</i>			
SF-021		ECM FOUNDATION PILING PLAN	1	11/1/2011
	<i>ISSUED FOR CONSTRUCTION</i>			

Approved By: 
 Shirley M. Deal
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 Kiewit Power Engineers

Transmittal Form

Transmittal Number: CBO-0218

Date: 11/1/2011

Project: Walnut Creek Energy Park

Subject: STRUC-1-12.001 Rev 1 APPROVED FABRICATOR APPLICATION

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Comments: DUE 11/08/11

PJ's Approved HRC fabricator
PJ's Org Chart
PJ's Quality Plan 20111025
PJ's sample rebar tag
PJ's sample sales order
RESPONSE TO CBO COMMENTS for PJ's Quality Plan

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Shirley M. Deal
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Kiewit Power Engineers

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Attachment D – Air Quality Construction Mitigation Documentation

Index	
Attachment No.	Attachment Title
D-1	AQCMM Report
D-2	Daily Monitoring Logs
D-3	On-Site Equipment List
D-4	On-Site Tier 3 Equipment Specifications
D-5	Fuel Receipts

Attachment D-1 – AQCM Report

Walnut Creek Energy Park

Air Quality

AQCMM Report – November 2011

Weather:

Temperature on an average was 51-70 degrees F. There was 1.58 inches of observed precipitation during the month.

Construction Fugitive Dust Control:

Site work activities this month that have the potential to produce fugitive dust emissions included the continuation of the mass grading, pipe trenching and the beginning of production piles. To mitigate fugitive dust emissions, a water truck is being utilized as frequently as needed. Speed limit signs of 10 miles per hour are visibly posted at the site entrance and throughout the construction site.

All construction equipment vehicle tires are inspected and cleaned as necessary to be free of dirt prior to entering paved roadways.

The site monitors the air quality during construction activity and paved roads are swept as needed to prevent the accumulation of dirt and debris.

All unpaved exits from the construction site have been graveled or treated to prevent track-out to public roadways. With the daily import and export of more than 100 cubic yards of material additional rumble strips were installed to prevent track out from vehicles.

The soil storage piles onsite are covered and are treated with appropriate dust suppressant compounds.

Diesel-Fueled Engines Control:

All construction equipment on site has been inspected by the AQCMM or his delegate and meets the requirements of California Air Resources Board. All diesel-fueled engines have been fueled with ultra-low sulfur diesel only and are clearly tagged showing that the engines meet the California Emission Standards for Off-Road Compression-Ignition Engines.

The equipment onsite is properly maintained.

Training has been provided to all site personnel that equipment shall not remain running at idle for more than five minutes.

Attachment D-2 – Daily Monitoring Logs



Walnut Creek Project
 Air Quality Compliance Inspection

Inspector's Name: David Phipps
 Inspection Week of: 10/31/2011 - 11/4/2011

FUGITIVE DUST - Weekly Inspections

Detailed Requirement	Date of Inspection	Issue Found	Mitigation
10 MPH speed limit signs posted and in good condition	11/4/2011	NO	—
Vehicles maintaining posted speed	11/4/2011	NO	—
Stabilized construction entrances in place and maintained	11/4/2011	NO	—
SWPPP requirements for dust suppression met	11/4/2011	NO	—
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated	11/4/2011	NO	—
All vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard	11/4/2011	NO	—
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation	N/A used water trucks to suppress dust	NO	—



Walnut Creek Project
 Air Quality Compliance Inspection

Inspector's Name: David Phipps
 Inspection Week of: 11/7/2011 to 11/11/2011

FUGITIVE DUST - Weekly Inspections

Detailed Requirement	Date of Inspection	Issue Found	Mitigation
10 MPH speed limit signs posted and in good condition	11/11/2011	NO	-
Vehicles maintaining posted speed	11/11/2011	NO	-
Stabilized construction entrances in place and maintained	11/11/2011	NO	-
SWPPP requirements for dust suppression met	11/11/2011	NO	-
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated	11/11/2011	NO	-
All vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard	11/11/2011	NO	-
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation	11/11/2011 1/4 - Used water trucks to suppress dust	NO	-



Walnut Creek Project
 Air Quality Compliance Inspection

Inspector's Name: David Phillips
 Inspection Week of: 11/14/2011 - 11/18/2011

FUGITIVE DUST - Weekly Inspections

Detailed Requirement	Date of Inspection	Issue Found	Mitigation
10 MPH speed limit signs posted and in good condition	11/18/2011	NO NO	—
Vehicles maintaining posted speed	11/18/2011	NO NO	—
Stabilized construction entrances in place and maintained	11/18/2011	NO	—
SWPPP requirements for dust suppression met	11/18/2011	NO	—
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated	11/18/2011	NO	—
All vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard	11/18/2011	NO	—
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation	11/18/2011	NO	—



Walnut Creek Project
 Air Quality Compliance Inspection

Inspector's Name: David Phipps
 Inspection Week of: 11/21/2011 - 11/25/2011

FUGITIVE DUST - Weekly Inspections

Detailed Requirement	Date of Inspection	Issue Found	Mitigation
10 MPH speed limit signs posted and in good condition	11/23	NO	—
Vehicles maintaining posted speed	11/23	NO	—
Stabilized construction entrances in place and maintained	11/23	NO	—
SWPPP requirements for dust suppression met	11/23	NO	—
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated	11/23	NO	—
All vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard	11/23	NO	—
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation	11/23	NO	—



Walnut Creek Project
 Air Quality Compliance Inspection

Inspector's Name: David Priggs
 Inspection Week of: 11/26/2011 - 12/2/2011

FUGITIVE DUST - Weekly Inspections

Detailed Requirement	Date of Inspection	Issue Found	Mitigation
10 MPH speed limit signs posted and in good condition	12/2	NO	-
Vehicles maintaining posted speed	12/2	NO	-
Stabilized construction entrances in place and maintained	12/2	NO	-
SWPPP requirements for dust suppression met	12/2	NO	-
All soil storage piles and disturbed areas that remain inactive for longer than 10 days shall be covered, or shall be treated	12/2	NO	-
All vehicles that are used to transport solid bulk material on public roadways and that have the potential to cause visible emissions shall be provided with a cover, or the materials shall be sufficiently wetted and loaded onto the trucks in a manner to provide at least two feet of freeboard	12/2	NO	-
Wind erosion control techniques (such as windbreaks, water, chemical dust suppressants, and/or vegetation) shall be used on all construction areas that may be disturbed. Any windbreaks installed to comply with this condition shall remain in place until the soil is stabilized or permanently covered with vegetation	12/2	NO	-

Attachment D-3 – On-Site Equipment List

Appendix B

Equipment Survey Form

Description of Project Construction Equipment
(To be filled out by the onsite Air Quality Construction Mitigation Manager)

Equipment Type	Model Year	Manufacturer	Horsepower	EPA/ARB Engine Tier
Manlift	2008	Deutz	47	4
Forklift	2011	Cummins	110	3
Drill Rig	2005	Bauer	400	2
Crane	2011	Tadano	267	3
Skidsteer	2011	Kubota	74	4
Crane	2007	Link-Belt	216	3
Forklift	2011	Ingersoll Rand	130	3
Backhoe	2011	John Deere	99	3
Loader	2010	Volvo	217	3
Forklift	2011	Xtreme	150	3
Excavator	2007	Volvo	271	3
Backhoe	2008	Caterpillar	225	3
Roller	2011	CAT	2010	3
Roller	2011	CAT	456	3
Excavator	2007	John Deere	271	3
Dozer	2007	John Deere	123	3
Dozer	2011	John Deere	73	3
Motor Grader	2008	CAT	188	3

Note:

For all construction equipment 100 hp or higher that do not meet the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, certification from the AQCM must be attached, documenting the equipment in question is not available. For all construction equipment 100 hp or higher that do not meet the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines and do not have a soot filter, certification from manufacturers or the AQCM must be attached, documenting use of such devices is not practical for engine in question.

Attachment D-4 – On-Site Tier 3 Equipment Specifications



ger Pressure Grouted Piles • Displacement Piles • Micropiles • Ground Anchors • Pressure Grouting • Sheeting & Shoring

**BERKEL & COMPANY CONTRACTORS, INC.
West Coast Regional Office**

81 Langton Street, Suite 15, San Francisco, CA 94103
Phone: 415.495.3627 • Fax: 415.495.2746
URL: www.berkelandcompany.com

December 5, 2011

Kiewit Power Contractors, Inc.
911 Bixby Drive
Industry, CA
Attention: Stephen Schmitz

Dear Stephen

This Letter is to inform you that all the equipment used on the Walnut Creek Energy Park Project, has been properly maintained and the fuel uses from the month is as follows:

Week of 11-14-11
Off road diesel 610 gallons
Hwy Diesel 0 gallons

Weeks of 11-29 to 12-2
Off road Diesel 343 gallons
Hwy Diesel 0 gallons

.

If you have any question please feel free to contact me at 435-590-1153

Thank you
Berkel & Company Contractors, Inc.
Bryan Mull
West Coast regional Safety Manager



Auger Pressure Grouted Piles • Displacement Piles • Micropiles • Ground Anchors • Pressure Grouting • Sheeting & Shoring

BERKEL & COMPANY CONTRACTORS, INC.
West Coast Regional Office

81 Langton Street, Suite 15, San Francisco, CA 94103
Phone: 415.495.3627 • Fax: 415.495.2746
URL: www.berkelandcompany.com

Yours,

BERKEL & COMPANY CONTRACTORS, INC.

William N. Post III
Assistant Project Engineer
Notary Public

CA Commission No. 1881055

Email: wp@berkelwc.com



Dec 5, 2011

Dipak Bhakta

Kiewit Power Constructors Co

Re: CEC Monthly Compliance Report – Nov 2011

Dear Sir,

Following is the list with the specification of the equipment which we engaged in the grading operation for the month of November at Walnut Creek Mass Grading project:

Description	Make	Year	Model	Horse Power	Tier
Motor Grader	CAT	2008	140M	188	3
Excavator	John Deere	2007	350D	271	3
Dozer	John Deere	2007	JD 700J	123	3
Roller	CAT	2011	CS54	2010	3
Roller	CAT	2011	CP56	456	3
Scraper	CAT	1979	623B	365	3
Water Truck	Mack	1998	CH612	300	NA

I hereby certify that all the above listed equipment was properly maintained and tuned to the engine manufacturer's specifications in the month of November 2011.

Sincerely

A handwritten signature in black ink, appearing to read "Senthil Loganathan", with a long horizontal flourish extending to the right.

Senthil Loganathan
(Project Manager – MGE Inc.)

Attachment D-5 – Fuel Receipts

"Diesel Delivered On Demand"

M C Fuels
P.O. Box 2042
Manhattan Beach, Ca 90267
Phone: 310-717-2924

Invoice

Date	Invoice #
12/7/2011	

Bill To
Berkel and Company Contractors, Inc. 2649 142nd Street Bonner Springs, KS 66012

Ship To

P.O. Number	Terms	Due Date	Ship	Via	F.O.B.	Project
		12/22/2011	12/7/2011			
Quantity	Item Code	Description			Price Each	Amount
953	Red Diesel Fuel	NOVEMBER, 2011 – DECEMBER, 2, 2011 DYED DIESEL #2 ULTRA LOW SULFUR Fuel Consumption in Gallons				
					Subtotal	
					Sales Tax (8.75%)	
					Total	

16051 E GALE AVE
City of Industry CA 91745

803115 ASP 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/22/2011 09:00:31 AM 613274782

2144 MC FLEET

INVOICE 005025
AUTH 00-103001
REF 300291122110050
ODD 224154

PUMPH 1	37.0970
DIESEL 2	4.259
PRICE/GAL	
FUEL TOTAL	\$ 158.00

Subtotal = \$ 158.00
Tax = \$ 0.00

Total = \$ 158.00

\$ 158.00
CREDIT
Batch: 30 Seq Num: 29
Term ID: 1
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-0684

DAILY LUBRICATION RECORD

SHIFT SWING

DATE 11-1-2011

EQUIP. NO.	HOURS	ENGINE OIL	COOLANT	TRANS. OIL	FINAL DRIVE	HYD. SYSTEM	STEERING	CHASSIS	FUEL	AIR CLEANER	BATTERY	TIRES	SAMPLES TAKEN
37-15395 Walnut		✓	✓	✓	✓				24				
6-9306		✓	✓	✓	✓				20				
37-9286		✓	✓	✓	✓				50				
22-4496		✓	✓						45				
22-4154		✓	✓										
									139 X 3.66				\$508.74

139 gal. used

\$508.74
Total

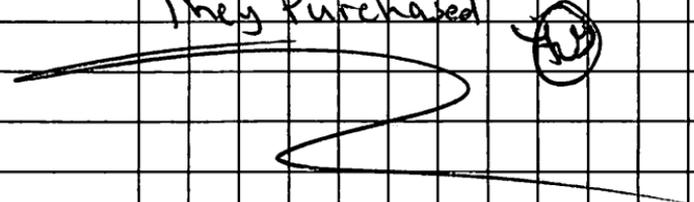
Symbols - (Circle Letters to Indicate Change)

- C - Crankcase (engine)
- T - Transmission
- H - Hydraulic
- F - Final Drives
- D - Differential

Foreman Marlon Reid Wood

DAILY LUBRICATION RECORD

SHIFT SWING DATE 11-2-2011

EQUIP. NO.	HOURS	ENGINE OIL	COOLANT	TRANS. OIL	FINAL DRIVE	HYD. SYSTEM	STEERING	CHASSIS	FUEL	AIR CLEANER	BATTERY	TIRES	SAMPLES TAKEN
37-15173 Haynes													
48-0609		✓	✓			✓			19				
6-0941		✓	✓	✓		✓			18				
37-2124		CS	✓	✓		✓			79				
2-5266		DRAGUP TANK							88		PICKUP		
6-1045		✓	✓	✓		✓			14				
37 CATS KIDSEER		✓	✓			✓			10				
22-3960		✓	✓						10				
10-2839		✓	✓	✓		✓			35				
37-1941		✓	✓	✓		✓			55				
48-0473		✓	✓	✓		✓			16				
10-2952		✓	✓	✓		✓			19				
									363 @ 3.44				(1255.98)
<p>NO Charge on Fuel They Purchased</p> 													

Symbols - (Circle Letters to Indicate Change) ~~110-6326~~ RS3544

C - Crankcase (engine) T - Transmission H - Hydraulic
 F - Final Drives D - Differential

Foreman Marlon Reid Wood

DAILY LUBRICATION RECORD

SHIFT SWING DATE 11-3-11

EQUIP. NO.	HOURS	ENGINE OIL	COOLANT	TRANS. OIL	FINAL DRIVE	HYD. SYSTEM	STEERING	CHASSIS	FUEL	AIR CLEANER	BATTERY	TIRES	SAMPLES TAKEN
6-9306		✓	✓	✓		✓			12				
48-0542									5				
22-4496									32				
22-4154									34				
37-9286		✓	✓	✓		✓			15				
10-9477		✓	✓	✓		✓			FULL				
WALNUT													
98 gal x													
14359.66													
Total													

Symbols - (Circle Letters to Indicate Change)

C - Crankcase (engine)

T - Transmission

H - Hydraulic

F - Final Drives

D - Differential

Foreman Marlon Reid Wood

DAILY LUBRICATION RECORD

SHIFT Swing

DATE 11-8-2011

EQUIP. NO.	HOURS	ENGINE OIL	COOLANT	TRANS. OIL	FINAL DRIVE	HYD. SYSTEM	STEERING	CHASSIS	FUEL	AIR CLEANER	BATTERY	TIRES	SAMPLES TAKEN
6-9306		✓	✓	✓		✓			17				
48-0542		✓	✓	✓		✓			5				
22-4496		✓							46				
37-9286		✓	✓	✓		✓			27				
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> WALNUT </div>													
9.5 gal. Total x 3.66													
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> 347.70 Total </div>													

Symbols - (Circle Letters to Indicate Change)

C - Crankcase (engine)

T - Transmission

H - Hydraulic

F - Final Drives

D - Differential

Foreman Marlon Reid Wood

DAILY LUBRICATION RECORD

SHIFT SWING DATE 11-15-2011

EQUIP. NO.	HOURS	ENGINE OIL	COOLANT	TRANS. OIL	FINAL DRIVE	HYD. SYSTEM	STEERING	CHASSIS	FUEL	AIR CLEANER	BATTERY	TIRES	SAMPLES TAKEN
22-4154		✓	✓						43				
16-9477		✓	✓			✓			11				
22-4496									98				
21-2596		✓							9				
6-9306		✓	✓	✓		✓			15				
48-0542		✓	✓	✓		✓			14				
37-9286		✓	✓	✓		✓			56				
3-0349	9703	(CS) ✓					✓						(CS)
										246 ^{gal} x 3.60 = 885.60			
WALNUT													

Symbols - (Circle Letters to Indicate Change)

C - Crankcase (engine)
F - Final Drives

T - Transmission
D - Differential

H - Hydraulic

Foreman Marlon Reid Wood

SHELL , 57442740502
6750 MISSION BLVD
RUBIDOUX , CA
92509

11/20/2011 10:31:06 AM 611792969

XXXX XXXX XXXX 0475 MC FLEET
INVOICE 545574
AUTH 701298
ODD 77777

PUMP# 2	
DIESEL	7.0926
PRICE/GAL	4.259
FUEL TOTAL	\$ 30.20

Subtotal = \$ 30.20
Tax = \$ 0.00

Total = \$ 30.20

CREDIT \$ 30.20

Save 10cents/gal instantly at Shell when
you earn 100 points at Ralphs.

Pick up a brochure at your local Shell
for more details.

SHELL , 57442740502
6750 MISSION BLVD
RUBIDOUX , CA
92509

11/20/2011 10:17:24 AM 611792953

XXXX XXXX XXXX 0475 MC FLEET
INVOICE 545293
AUTH 699690
ODD 77777

PUMP# 2	
DIESEL	23.2456
PRICE/GAL	4.259
FUEL TOTAL	\$ 99.00

Subtotal = \$ 99.00
Tax = \$ 0.00

Total = \$ 99.00

CREDIT \$ 99.00

Save 10cents/gal instantly at Shell when
you earn 100 points at Ralphs.

Pick up a brochure at your local Shell
for more details.

SHELL , 57442740502
6750 MISSION BLVD
RUBIDOUX , CA
92509

11/20/2011 10:28:08 AM 611792961

XXXX XXXX XXXX 0475 MC FLEET
INVOICE 545376
AUTH 700131
ODD 77777

PUMP# 2	
DIESEL	23.2456
PRICE/GAL	4.259
FUEL TOTAL	\$ 99.00

Subtotal = \$ 99.00
Tax = \$ 0.00

Total = \$ 99.00

CREDIT \$ 99.00

Save 10cents/gal instantly at Shell when
you earn 100 points at Ralphs.

Pick up a brochure at your local Shell
for more details.

16051 E GALE AVE
City of Industry CA 91745

803115 ASP 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/22/2011 08:27:35 AM 613274742

1647 MC FLEET

INVOICE 080619
AUTH 00-089652
REF 300011122110006
ODO 00000

PUMP# 4	
REGULAR	17.5576
PRICE/GAL	3.739
FUEL TOTAL	\$ 65.65

Subtotal = \$ 65.65
Tax = \$ 0.00
Total = \$ 65.65

CREDIT \$ 65.65
Batch: 30 Seq Num: 1
Term ID: 4
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-8684

16051 E GALE AVE
City of Industry CA 91745

803115 ASP 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/22/2011 08:04:19 AM 613274729

1647 MC FLEET

INVOICE 075438
AUTH 00-086410
REF 290331122110754
ODO 00000

PUMP# 4	
DIESEL 2	37.0976
PRICE/GAL	4.259
FUEL TOTAL	\$ 158.00

Subtotal = \$ 158.00
Tax = \$ 0.00
Total = \$ 158.00

CREDIT \$ 158.00
Batch: 29 Seq Num: 33
Term ID: 4
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-8684

16051 E GALE AVE
City of Industry CA 91745

803115 ASP 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/21/2011 08:05:55 AM 613273548

1647 MC FLEET

INVOICE 075841
AUTH 00-833563
REF 120031121110758
ODO 00000

PUMP# 12	
REGULAR	19.2116
PRICE/GAL	3.759
FUEL TOTAL	\$ 72.21

Subtotal = \$ 72.21
Tax = \$ 0.00
Total = \$ 72.21

CREDIT \$ 72.21
Batch: 12 Seq Num: 3
Term ID: 12
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-8684

16051 E GALE AVE
City of Industry CA 91745

003115 ASP 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/28/2011 08:50:26 AM 613200137

0475 MC FLEET

INVOICE 084320
AUTH 00-917634
REF 160091128110843
ODO 77777

PUMPH 1	
DIESEL 2	37.2726
PRICE/GAL	4.239
FUEL TOTAL	\$ 158.00

Subtotal = \$ 158.00

Tax = \$ 0.00

Total = \$ 158.00

CREDIT \$ 158.00
Batch: 16 Seq Num: 9
Term ID: 1
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-0684

16051 E GALE AVE
City of Industry CA 91745

003115 ASP 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/28/2011 08:42:42 AM 613200126

0475 MC FLEET

INVOICE 083647
AUTH 00-915723
REF 160021128110836
ODO 77777

PUMPH 1	
DIESEL 2	37.2726
PRICE/GAL	4.239
FUEL TOTAL	\$ 158.00

Subtotal = \$ 158.00

Tax = \$ 0.00

Total = \$ 158.00

CREDIT \$ 158.00
Batch: 16 Seq Num: 2
Term ID: 1
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-0684

16851 E GALE AVE
City of Industry CA 91745

883115 ASP 036 , 00244343
16851 E GALE AVE
CITY OF INDUSTRY, CA

11/29/2011 07:40:17 AM 613281224

0475 MC FLEET

INVOICE 073223
AUTH 00-154351
REF 320281129110732
ODD 00000

PUMP# 7	
DIESEL 2	37.2720
PRICE/GAL	4.239

FUEL TOTAL \$ 158.00

Subtotal = \$ 158.00
Tax = \$ 0.00

Total = \$ 158.00

CREDIT \$ 158.00

Batch: 32 Seq Num: 28
Term ID: 7
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
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Any Problems Call
(626) 440-0684

16051 E GALE AVE
City of Industry CA 91745

76 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/03/2011 09:52:32 AM 613254858

0475 MC FLEET

INVOICE 094418
AUTH 00-142744
REF 14001103110944
ODO 777777

PUMPH 12	
DIESEL 2	36.081G
PRICE/GAL	4.379
FUEL TOTAL	\$ 158.00

Subtotal = \$ 158.00
Tax = \$ 0.00

Total = \$ 158.00

CREDIT \$ 158.00

Batch: 14 Seq Num: 1
Term ID: 12
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 448-0684

16051 E GALE AVE
City of Industry CA 91745

76 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/03/2011 09:43:40 AM 613254849

0475 MC FLEET

INVOICE 093501
AUTH 00-139947
REF 130371103110935
ODO 77777

PUMPH 12	
DIESEL 2	36.081G
PRICE/GAL	4.379
FUEL TOTAL	\$ 158.00

Subtotal = \$ 158.00
Tax = \$ 0.00

Total = \$ 158.00

CREDIT \$ 158.00

Batch: 13 Seq Num: 37
Term ID: 12
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 448-0684

16051 E GALE AVE
City of Industry CA 91745

803115 ASP 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/21/2011 09:09:55 AM 613273633

2144 MC FLEET

INVOICE 090332
AUTH 00-852607
REF 130081121110903
ODO 224154

PUMP# 1	
DIESEL 2	37.0976
PRICE/GAL	4.259
FUEL TOTAL	\$ 158.00

Subtotal = \$	158.00
Tax = \$	0.00
Total = \$	158.00

CREDIT	\$ 158.00
--------	-----------

Batch: 13 Seq Num: 8
Term ID: 1
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-0684

16051 E GALE AVE
City of Industry CA 91745

8031 036 , 00244343
16051 E GALE AVE
CITY OF INDUSTRY, CA

11/14/2011 09:00:23 AM 613265247

0475 MC FLEET

INVOICE 005942
AUTH 00-338113
REF 950281114110859
ODO 7777

PUMPH 8
DIESEL 2 36.0816
PRICE/GAL 4.379
FUEL TOTAL \$ 158.00

Subtotal = \$ 158.00
Tax = \$ 0.00
Total = \$ 158.00

CREDIT \$ 158.00
Batch: 95 Seq Num: 28
Term ID: 8
Workstation ID: 00
WANT FREE GAS?
REGISTER TO WIN AT
WWW.GASVISIT.COM

Any Problems Call
(626) 440-0684

KIEWIT POWER CONSTRUCTORS CO. -- WALNUT CREEK
WALNUT CREEK

Vendor: _____

Date of Purchase: _____

Purch Req # _____

Authorized Purchaser: _____

Vehicle Number: _____

Description: _____

Co. 37

15395

Jnl/Line No.	Vendor No.	Prices	
/			
Invoice No.	Invoice Date		
PCARD PURCHASE			
Cost Code	Exp.	Amount	Spdr

DAILY LUBRICATION RECORD

SHIFT SWING

DATE 11-22-2011

EQUIP. NO.	HOURS	ENGINE OIL	COOLANT	TRANS. OIL	FINAL DRIVE	HYD. SYSTEM	STEERING	CHASSIS	FUEL	AIR CLEANER	BATTERY	TIRES	SAMPLES TAKEN
22-4154			✓						24				
48-0819		✓	✓	✓		✓			20		GREASE		
22-3935		✓	✓						10				
6-9306		✓	✓	✓		✓			7				
48-0542	8817	(CS)	✓	✓		HS			20				(CS) HS
<hr/> 81 gal x 3.60 = 292.2													
Walnut													

Symbols - (Circle Letters to Indicate Change)

- C - Crankcase (engine)
- T - Transmission
- H - Hydraulic
- F - Final Drives
- D - Differential

Foreman Marlon Reid Wood

DAILY LUBRICATION RECORD

SHIFT SWING

DATE 11-29-2011

EQUIP. NO.	HOURS	ENGINE OIL	COOLANT	TRANS. OIL	FINAL DRIVE	HYD. SYSTEM	STEERING	CHASSIS	FUEL	AIRCLEANER	BATTERY	TIRES	SAMPLES TAKEN
22-4154	14237		✓						75				
21-2623	4982												
22-3935	10470	✓	✓						6				
15-2192	2716	✓	✓	✓	Hoist, Aux Hoist				16	ST, SWING			
48-6819	896	✓	✓	✓		✓			22				
22-4496	7653	✓	✓						67				
10-9477	660	✓	✓	✓		✓			42				
37-9286	612	✓	✓	✓		✓			56				
6-9306	282	✓	✓	✓		✓			3				
3-0349	9709												
RENTAL LIGHT PLANT									25				
									312 gal x 3.60 =	1123.2			
FUEL		WALNUT											

Symbols - (Circle Letters to Indicate Change)

C - Crankcase (engine)

T - Transmission

H - Hydraulic

F - Final Drives

D - Differential

Foreman Marlon Reid Wood

IE, INC

ORIGINAL INVOICE

ANTIC
CA. 90201-7176
323-773-4923

DATE NUMBER#
11/1/2011 M 102270

BILL TO:

Acct# 725
GRADE PROS, INC.
dba: MCKENNA
P.O. BOX 78837
CORONA, CA 92877

SHIP TO:

YARD
TEMESCAL
RIVERSIDE COUNTY

NOV 07 2011

Red Equity



TERMS	DUE DATE	delivery date	p.o. #
10 Days	11/11/2011	11/1/2011	

DESCRIPTION	QUANTITY	RATE	AMOUNT
T ULS CARB DYED DIESEL. 15PPM SULFER (MAXIMUM) DYED ULTRA LOW SULFER DIESEL FUEL. NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE.	7,335	3.47	25,452.45T
T ARB FUEL FEE RATE DIESEL 7/01/11	7,335	0.00171	12.54T
T FEDERAL ENVIRONMENTAL RECOVERY FEE DIESEL	7,335	0.0019	13.94T
T FEDERAL L.U.S.T. TAX DIESEL	7,335	0.001	7.34T
T CAL OIL SPILL DIESEL FUEL SURCHARGE(s)	7,335	0.00119	8.73T
RIVERSIDE COUNTY SALES TAX DYED DIESEL/OIL JULY 1 2011		5.00	5.00
		7.75%	1,975.86

ENTERED

AMT. DUE

\$27,475.86

MIKE ROCHE, INC

P O BOX 1176
8445 S ATLANTIC
CUDAHY, CA. 90201-7176
PHONE 323-773-4923

ORIGINAL INVOICE

DATE NUMBER #
11/18/2011 M 102581

BILL TO:

Acct# 725
GRADE PROS, INC.
dba: MCKENNA
P.O. BOX 78837
CORONA, CA 92877

SHIP TO:

YARD
TEMESCAL
RIVERSIDE COUNTY

Red Zumbly 

NOV 17 2011

TERMS DUE DATE delivery date p.o. #
10 Days 11/28/2011 11/18/2011

DESCRIPTION	QUANTITY	RATE	AMOUNT
T ULS CARB DYED DIESEL. 15PPM SULFER (MAXIMUM) DYED ULTRA LOW SULFER DIESEL FUEL. NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE.	4,194	3.23	13,546.62T
T ARB FUEL FEE RATE DIESEL 7/01/11	4,194	0.00171	7.17T
T FEDERAL ENVIRONMENTAL RECOVERY FEE DIESEL	4,194	0.0019	7.97T
T FEDERAL L.U.S.T. TAX DIESEL	4,194	0.001	4.19T
T CAL OIL SPILL DIESEL	4,194	0.00119	4.99T
FUEL SURCHARGE(s)	1	5.00	5.00
SUBTOTAL			13,575.94
RIVERSIDE COUNTY SALES TAX DYED DIESEL/OIL JULY 1 2011		7.75%	1,051.75

AMT. DUE \$14,627.69

MIKE ROCHE, INC

ORIGINAL INVOICE

P O BOX 1176
8445 S ATLANTIC
CUDAHY, CA. 90201-7176
PHONE 323-773-4923

DATE NUMBER #
11/18/2011 M 102582

BILL TO:

Acct# 725
GRADE PROS, INC.
dba: MCKENNA
P.O. BOX 78837
CORONA, CA 92877

SHIP TO :

YARD
TEMESCAL
RIVERSIDE COUNTY

NOV 23 2011

Red Inventory

TERMS DUE DATE delivery date p.o. #
10 Days 11/28/2011 11/18/2011

DESCRIPTION	QUANTITY	RATE	AMOUNT
T ULS CARB DYED DIESEL. 15PPM SULFER (MAXIMUM) DYED ULTRA LOW SULFER DIESEL FUEL. NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE.	3,406	3.23	11,001.38T
T ARB FUEL FEE RATE DIESEL 7/01/11	3,406	0.00171	5.82T
T FEDERAL ENVIRONMENTAL RECOVERY FEE DIESEL	3,406	0.0019	6.47T
T FEDERAL L.U.S.T. TAX DIESEL	3,406	0.001	3.41T
T CAL OIL SPILL DIESEL	3,406	0.00119	4.05T
FUEL SURCHARGE(s)	1	5.00	5.00
SUBTOTAL			11,026.13
RIVERSIDE COUNTY SALES TAX DYED DIESEL/OIL JULY 1 2011		7.75%	854.14

AMT. DUE

\$11,880.27

McKenna General Engineering Inc. - Fuel usage Report
Project - Walnut creek Mass Grading



Description	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Total	
	1-Nov-11	2-Nov-11	3-Nov-11	4-Nov-11	5-Nov-11	6-Nov-11	7-Nov-11	8-Nov-11	9-Nov-11	10-Nov-11	11-Nov-11	12-Nov-11	13-Nov-11	14-Nov-11	15-Nov-11	16-Nov-11	17-Nov-11	18-Nov-11	19-Nov-11	20-Nov-11	21-Nov-11	22-Nov-11	23-Nov-11	24-Nov-11	25-Nov-11	26-Nov-11	27-Nov-11	28-Nov-11	29-Nov-11	30-Nov-11	Fuel in GLs	
JD 350 Excavator	57	63	63						61	55					60	20															379	
JD 700 Dozer	30	30	25						28	21					30	20	11											26	18	18	257	
CAT CS 54 Roller															12																10	22
CAT CP 56 Roller	12	10	7						10						7	8	18											26	11	8	117	
CAT 140 M Blade										33					22	14	29												13	12	123	
Water Truck		36								22					10		28													12	108	

Attachment E – Resource Specialists' Reports

Attachment E-1 – Cultural Resources Specialist Report

Monthly Report of Cultural Resources Monitoring Activities for the Walnut Creek Energy Project for November 2011; COC CUL-6

Prepared For: Ramiro R. Garcia/Edison Mission Energy

Prepared By: Natalie Lawson/WCEP CRS

Reporting For Period: November 2011

This report covers cultural resources monitoring activities at the Walnut Creek Energy Project for the month of November 2011, as required by Conditions of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Dan Ewers participated as the CRM for this month.

Monitoring and Associated Activities This Period

Monitoring of ground disturbance was limited to mass excavation and bore hole drilling this month. A drill rig excavated several borings of approximately 30 to 40 feet in depth on the west end of the project area. An excavator continued to remove soil between the north and center of the project area.

Native sub-soils were encountered during all excavations in November. Native sub-soils were found at a depth of 3 ½ to 4 feet below the surface. The native soil is characterized as light brown to dark brown clay alluvium that may be intact.

Cultural Resources Discoveries This Period

No cultural resources discoveries have been made onsite to date; no cultural resources discoveries were made during November construction activities.

Anticipated Changes in the Next Period

Large scale excavations are ongoing into December. The CRM will remain on site and continue monitoring excavations and will respond to discoveries if they occur.

Comments, Issues or Concerns

None.

Attachment E-2 – Paleontological Resources Specialist
Report

Walnut Creek Energy Park (WCEP) COC PAL-5; Paleontological Resources Monitoring Report for Construction Activities in November, 2011

PREPARED FOR: Ramiro R. Garcia/Edison Mission Energy
PREPARED BY: James R. Verhoff, Staff Paleontologist
W. G. Spaulding/Paleontological Resources Specialist (PRS)
DATE: December 1, 2011

Personnel On-Call for Paleontological Monitoring This Period:

James R. Verhoff - Paleontological Resources Monitor (PRM)
W. G. Spaulding - Paleontological Resources Specialist (PRS)

Training Conducted This Month

All construction personnel receive the CEC approved Paleontological Resources Awareness Module of Worker Environmental Awareness Training prior to working on this project.

Monitoring Conducted This Month

Only spot-checking was conducted during this month. Pile-driving was spot-checked, and while the piles do extend into paleontologically sensitive sediment the technology used (auger pressure grout displacement piles) does not bring any sediment to the surface, and therefore no further monitoring is necessary. At the same time, several excavations were spot-checked. None extend below depths previously reached (approximately 15' bgs), and none impacted paleontologically sensitive sediment.

Changes In the Future

Anticipated activities next month include several small excavations which are not expected to exceed the depths of previous excavations, continued pile driving, excavation of roadways between units, and installation of pipes and utilities. No activities requiring monitoring are anticipated in December.

Paleontological Discoveries This Month

No fossils were found during paleontological monitoring.

Comments, Issues or Concerns

No issues or concerns were encountered during this period.



Walnut Creek Energy Park Project
Paleontological Monitoring and Mitigation Program
DAILY MONITORING REPORT

Task Name(s) (e.g.: Monitoring of Excavations, Screening, Monitoring of Geotech Drilling; Discovery Excavation, etc...):

Spot-check of pile driving, other on-site excavations

Location(s): Northwestern portion of project site

Employee: James R. Verhoff – WCEP Paleo Resources Monitor

Date: 11/16/2011

Time: Start: 1300

Finish: 1530

Narrative description of the day's activities:

(Note where applicable DESCRIBE areas monitored, type of sediment disturbed and depth, and relative visibility of stratigraphic features. Also note name(s) of individuals providing information on scheduling and any other relevant project information)

Spot-checked pile driving activities. They are using auger pressure grout displacement piles, which utilize a technique that does not result in any spoils (the sediment is pushed horizontally, rather than extracted). Approximately 1.5' of sediment is pushed up during the excavations, but this is all the uppermost sediment, which in the area where the pile driving is occurring consists of disturbed fill from previous excavations on-site.

Minor excavations occurred east of the concrete slab. This was in low-sensitivity alluvium which did not yield fossils during previous monitoring.

The deepest trench on site, along the northern border of the site, will need to be widened to the north. The fence, curb, and gutter were removed in preparation of excavation.

No paleontological resources were found.

Attachment F – Storm Water Inspection Reports & Checklists

Walnut Creek Energy Park
Storm Water Pollution Prevention Plan
Monthly SWPPP Report – November 2011
Summary:

Under the California Regional Water Quality Control Board’s NPDES General Construction Permit, the following memorandum summarizes the activities, inspections, and actions taken by Kiewit Power Constructors Co. to maintain full compliance with the provisions of the Storm Water Pollution Prevention Plan.

Steps taken to ensure full compliance with the General Construction Permit were taken as needed during the month. Dust control measures such as outside runs by the water truck were performed. Regular site inspections were performed and documented on a weekly basis, with additional non-recorded site walks occurring on average, once per week in addition to documented site walks. Although the General Permit only requires quarterly reports for non-visible pollutants, Kiewit included inspections for non-visible pollutants in our weekly inspections as well as in our pre, mid and post event inspections.

November Inspections:

Weekly Inspections					
Date	Type	Inspector	Chance of Rain (%)	Sampling Req'd?	Changes Needed to SWPPP Plan
3 November 2011	Weekly	David Phipps	8%	No	N/A
10 November 2011	Weekly	David Phipps	60%	No	N/A
18 November 2011	Weekly	David Phipps	60%	No	N/A
21 November 2011	Weekly	David Phipps	100%	No	N/A
2 December 2011	Weekly	David Linderman	0	No	N/A

Rain Event Inspections					
Date	Type	Inspector	Rain Fall (in)	Sampling Req'd?	Breaches or Corrective Action?
3 November 2011	Pre-Storm	David Phipps	N/A	No	N/A
4 November 2011	During Rain Event	David Phipps	.15"	No	N/A
7 November 2011	Post-Storm	David Phipps	.5"	No	N/A
10 November 2011	Pre-Storm	David Phipps	N/A	No	N/A
18 November 2011	Pre-Storm	David Phipps	N/A	No	N/A
21 November 2011	Post-Storm	David Phipps	.67"	No	N/A

SWPPP Maintenance:

Regular maintenance of the BMPs on-site is a condition of the General Permit. During the weekly inspections, items observed to require maintenance or replacement were corrected immediately. No discharges were observed due to breaches in the BMPs.

Rain Events:

There were three rain events during the month of November. There was a total of 1.58 inches of precipitation observed. There were no odors nor visible sheen on the surface of discharges at the West end catch basin. The BMPs at the jobsite proved effective during the rain events.

SWPPP Amendments:

None for the month of November.

SWPPP Updates:

None for the month of November.

Appendix G BMP Checklists and Inspection Forms

BMP INSPECTION REPORT

Date and Time of Inspection: 11/03/2011 9:30 AM		Date Report Written: 11/03/2011		
Inspection Type: (Circle one)	Weekly Complete Parts I, II, III and VII	Pre-Storm Complete Parts I, II, III, IV and VII	During Rain Event Complete Parts I, II, III, V, and VII	Post-Storm Complete Parts I, II, III, VI and VII
Part I. General Information				
Site Information				
Construction Site Name: Walnut Creek Energy Park				
Construction stage and completed activities: Excavation and Grading Phases			Approximate area of site that is exposed: 11 Acres	
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:	
Weather				
Estimate storm beginning: (date and time) 11/04/2011 After 11:00		Estimate storm duration: (hours) 12 Hrs.		
Estimate time since last storm: (days or hours) 30 Days		Rain gauge reading and location: (in)		
Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? <input checked="" type="checkbox"/> (Y/N) If yes, summarize forecast: Yes, showers likely, then showers after 11 AM. chance of precipitation 80%				
Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.				
Inspector Information				
Inspector Name: David Phipps			Inspector Title: RE	
Signature: D. Phipps			Date: 11/03/2011	

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	No	
Stockpiled construction materials not actively in use are covered and bermed	Yes	No	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	No	
Construction materials are minimally exposed to precipitation	Yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	No	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	No	
Portable toilets are contained to prevent discharges of waste	Yes	No	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	No	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	Yes	No	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	No	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	No	
Appropriate spill response personnel are assigned and trained	Yes	No	
Equipment and materials for cleanup of spills is available on site	Yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	No	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	No	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	No	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	Yes	No	
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	Yes	No	
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	N/A	N/A	
Bagged erodible landscape materials are stored on pallets and covered	N/A	N/A	
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	Yes	No	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	Yes	No	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	Yes	No	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	Yes	No	
Erosion Controls			
Wind erosion controls are effectively implemented	Yes	No	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	Yes	No	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	Yes	No	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	Yes	No	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	Yes	No	
Sediment basins are properly maintained	Yes	No	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	Yes	No	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	Yes	No	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	yes	no	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	yes	no	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	yes	no	

Part III. Descriptions of Any BMP Deficiencies		
Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. N/A		
2.		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).	
	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	yes
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	yes
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	yes
Notes:	

--

Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.

Outfall, Discharge Point, or Other Downstream Location	
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of ½ inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.	
Discharge Location, Storage or Containment Area	Visual Observation

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.	
Required Actions	Implementation Date
N/A	

Appendix G BMP Checklists and Inspection Forms

BMP INSPECTION REPORT

Date and Time of Inspection: <i>11/04/2011 2:00 PM</i>		Date Report Written: <i>11/04/2011</i>		
Inspection Type: (Circle one)	Weekly Complete Parts <i>I, II, III and VII</i>	Pre-Storm Complete Parts <i>I, II, III, IV and VII</i>	During-Rain-Event Complete Parts <i>I, II, III, V, and VII</i>	Post-Storm Complete Parts <i>I, II, III, VI and VII</i>
Part I. General Information				
Site Information				
Construction Site Name:				
Construction stage and completed activities:			Approximate area of site that is exposed:	
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:	
Weather				
Estimate storm beginning: (date and time)		Estimate storm duration: (hours)		
Estimate time since last storm: (days or hours)		Rain gauge reading and location: (in)		
Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N) If yes, summarize forecast:				
Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.				
Inspector Information				
Inspector Name:			Inspector Title:	
Signature:			Date:	

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)			
Stockpiled construction materials not actively in use are covered and bermed			
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed			
Construction materials are minimally exposed to precipitation			
BMPs preventing the off-site tracking of materials are implemented and properly effective			
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system			
Portable toilets are contained to prevent discharges of waste			
Sanitation facilities are clean and with no apparent for leaks and spills			
Equipment is in place to cover waste disposal containers at the end of business day and during rain events			
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water			
Stockpiled waste material is securely protected from wind and rain if not actively in use			
Procedures are in place for addressing hazardous and non-hazardous spills			
Appropriate spill response personnel are assigned and trained			
Equipment and materials for cleanup of spills is available on site			
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil			
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters			
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs			
Vehicle and equipment leaks are cleaned immediately and disposed of properly			

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use			
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event			
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations			
Bagged erodible landscape materials are stored on pallets and covered			
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations			
Non-Stormwater Management			
Non-stormwater discharges are properly controlled			
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems			
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.			
Erosion Controls			
Wind erosion controls are effectively implemented			
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots			
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.			
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site			
Entrances and exits are stabilized to control erosion and sediment discharges from the site			
Sediment basins are properly maintained			
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking			
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits			

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily			
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.			
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?			

Part III. Descriptions of Any BMP Deficiencies		
Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. N/A	N/A	N/A
2.		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).	
	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

--

Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.

Outfall, Discharge Point, or Other Downstream Location	
Location	Description
Sump Pit	No Sheen, No Odors, No Corrective Actions
West End Catch Basin	No Sheen No Odors No Corrective Action
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of 1/2 inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.

Discharge Location, Storage or Containment Area	Visual Observation

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.

Required Actions	Implementation Date
N/A	N/A

Appendix G BMP Checklists and Inspection Forms

BMP INSPECTION REPORT

Date and Time of Inspection: 11/07/11 10:00 AM		Date Report Written: 11/07/11		
Inspection Type: (Circle one)	Weekly Complete Parts I, II, III and VII	Pre-Storm Complete Parts I, II, III, IV and VII	During Rain Event Complete Parts I, II, III, V, and VII	Post-Storm Complete Parts I, II, III, VI and VII
Part I. General Information				
Site Information				
Construction Site Name: Walnut Creek Energy Park				
Construction stage and completed activities: Excavation Grading Phase 5			Approximate area of site that is exposed: 11 Acre	
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:	
Weather				
Estimate storm beginning: (date and time) 11/04/2011		Estimate storm duration: (hours) 24 HRS		
Estimate time since last storm: (days or hours)		Rain gauge reading and location: (in) .5		
Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N) If yes, summarize forecast: Yes				
Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.				
Inspector Information				
Inspector Name: David Phipps			Inspector Title:	
Signature: D-Phipps			Date: 11/07/2011	

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	No	
Stockpiled construction materials not actively in use are covered and bermed	Yes	No	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	No	
Construction materials are minimally exposed to precipitation	Yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	No	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	No	
Portable toilets are contained to prevent discharges of waste	Yes	No	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	No	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	Yes	No	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	No	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	No	
Appropriate spill response personnel are assigned and trained	Yes	No	
Equipment and materials for cleanup of spills is available on site	Yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	No	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	No	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	No	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	Yes	No	
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	Yes	No	
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	N/A		
Bagged erodible landscape materials are stored on pallets and covered	N/A		
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	Yes	No	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	Yes	No	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	Yes	No	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	Yes	No	
Erosion Controls			
Wind erosion controls are effectively implemented	Yes	No	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	Yes	No	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	Yes	No	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	Yes	No	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	Yes	No	
Sediment basins are properly maintained	Yes	No	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	Yes	No	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	Yes	No	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	yes	no	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	yes	no	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	yes	no	

Part III. Descriptions of Any BMP Deficiencies		
Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1.		
2.		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).	
	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.

Outfall, Discharge Point, or Other Downstream Location	
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of 1/2 inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.

Discharge Location, Storage or Containment Area	Visual Observation
Sump Pit	water in visqueen wrapped sump pit. 3"
Catch Basin West End	Little puddles no sheet / debris

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.

Required Actions	Implementation Date
N/A	

Appendix G BMP Checklists and Inspection Forms

BMP INSPECTION REPORT

Date and Time of Inspection: 11/10/11 8:00 AM		Date Report Written: 11/10/11		
Inspection Type: (Circle one)	<u>Weekly</u> Complete Parts II, III and VII	<u>Pre-Storm</u> Complete Parts I, II, III, IV and VII	During Rain Event Complete Parts I, II, III, V, and VII	Post-Storm Complete Parts I, II, III, VI and VII
Part I. General Information				
Site Information				
Construction Site Name: Walnut Creek Energy Park				
Construction stage and completed activities: Rough Grading P.S			Approximate area of site that is exposed: 11 acres	
Photos Taken: (Circle one)	Yes	<u>No</u>	Photo Reference IDs:	
Weather				
Estimate storm beginning: (date and time) Friday Night after 4am		Estimate storm duration: (hours) 24 hrs		
Estimate time since last storm: (days or hours) 1 week		Rain gauge reading and location: (in) N/A		
Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N) If yes, summarize forecast: Yes				
Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.				
Inspector Information				
Inspector Name: David Phipps			Inspector Title: RE	
Signature: 			Date: 11/10/11	

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	No	
Stockpiled construction materials not actively in use are covered and bermed	Yes	No	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	No	
Construction materials are minimally exposed to precipitation	Yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	No	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	No	
Portable toilets are contained to prevent discharges of waste	Yes	No	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	No	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	Yes	No	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	No	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	No	
Appropriate spill response personnel are assigned and trained	Yes	No	
Equipment and materials for cleanup of spills is available on site	Yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	No	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	No	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	No	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	Yes	NO	
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	Yes	NO	
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	N/A	N/A	
Bagged erodible landscape materials are stored on pallets and covered	N/A	N/A	
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	Yes	NO	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	Yes	NO	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	Yes	NO	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	Yes	NO	
Erosion Controls			
Wind erosion controls are effectively implemented	Yes	NO	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	Yes	NO	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	Yes	NO	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	Yes	NO	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	Yes	NO	
Sediment basins are properly maintained	Yes	NO	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	Yes	NO	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	Yes	NO	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	Yes	NO	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	Yes	NO	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	Yes	NO	

Part III. Descriptions of Any BMP Deficiencies		
Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. N/A	N/A	N/A
2.		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutant(s).	
	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	Yes
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	Yes
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	Yes
Notes:	

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Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of 1/2 inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.

Discharge Location, Storage or Containment Area	Visual Observation

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.

Required Actions	Implementation Date
<i>There are no required actions</i>	<i>N/A</i>

Appendix G BMP Checklists and Inspection Forms

BMP INSPECTION REPORT

Date and Time of Inspection: 11/18/2011 10:30 AM		Date Report Written: 11/18/2011		
Inspection Type: (Circle one)	<u>Weekly Complete Parts I, II, III and VII</u>	<u>Pre-Storm Complete Parts I, II, III, IV and VII</u>	During Rain Event Complete Parts I, II, III, V, and VII	Post-Storm Complete Parts I, II, III, VI and VII
Part I. General Information				
Site Information				
Construction Site Name: Walnut Creek Energy Park				
Construction stage and completed activities: Mass Excavation Phase 5			Approximate area of site that is exposed: 11 Acres	
Photos Taken: (Circle one)	Yes	<u>No</u>	Photo Reference IDs: N/A	
Weather				
Estimate storm beginning: (date and time) Sunday 11/20/2011		Estimate storm duration: (hours) 24 HR		
Estimate time since last storm: (days or hours) 1 Week		Rain gauge reading and location: (in) 0 in Office Trailers		
Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? <u>(Y/N)</u> If yes, summarize forecast: Yes 60% Chance of Rain Sunday (All Day)				
Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.				
Inspector Information				
Inspector Name: David Phipps			Inspector Title: FE	
Signature: <i>David Phipps</i>			Date: 11/18/2011	

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	No	
Stockpiled construction materials not actively in use are covered and bermed	Yes	No	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	No	
Construction materials are minimally exposed to precipitation	Yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	No	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	No	
Portable toilets are contained to prevent discharges of waste	Yes	No	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	No	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	Yes	No	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	No	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	No	
Appropriate spill response personnel are assigned and trained	No	No	
Equipment and materials for cleanup of spills is available on site	Yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	No	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	No	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	No	

Part II. BMP Observations Continued: Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	Yes	NO	
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	Yes	NO	
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	NO	N/A	
Bagged erodible landscape materials are stored on pallets and covered	NO	N/A	
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	Yes	NO	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	Yes	NO	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	Yes	NO	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	Yes	NO	
Erosion Controls			
Wind erosion controls are effectively implemented	Yes	NO	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	Yes	NO	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	Yes	NO	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	Yes	NO	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	Yes	NO	
Sediment basins are properly maintained	Yes	NO	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	Yes	NO	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	Yes	NO	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	Yes	No	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	Yes	No	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	Yes	No	

Part III. Descriptions of Any BMP Deficiencies		
Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. NONE	NA	NA
2.		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).	
	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	Yes
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	Yes
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	Yes
Notes:	

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Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of 1/2 inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.

Discharge Location, Storage or Containment Area	Visual Observation

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.

Required Actions	Implementation Date
NONE	NA

Appendix G BMP Checklists and Inspection Forms

BMP INSPECTION REPORT

Date and Time of Inspection: 10:00 AM 11/21/2011		Date Report Written: 11/21/2011		
Inspection Type: (Circle one)	Weekly Complete Parts I, II, III and VII	Pre-Storm Complete Parts I, II, III, IV and VII	During Rain Event Complete Parts I, II, III, V, and VII	Post-Storm Complete Parts I, II, III, VI and VII
Part I. General Information				
Site Information				
Construction Site Name: Walnut Creek Energy Park				
Construction stage and completed activities: Mass Exc. Phase 5			Approximate area of site that is exposed: 11 acres	
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:	
Weather				
Estimate storm beginning: (date and time) N/A		Estimate storm duration: (hours) N/A		
Estimate time since last storm: (days or hours) 24 hrs		Rain gauge reading and location: (in) 0.57"		
Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? <input checked="" type="checkbox"/> (Y/N) If yes, summarize forecast: Yes				
Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.				
Inspector Information				
Inspector Name: David Phipps			Inspector Title: FB	
Signature: 			Date: 11/21/2011	

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	NO	
Stockpiled construction materials not actively in use are covered and bermed	Yes	NO	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	NO	
Construction materials are minimally exposed to precipitation	Yes	NO	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	NO	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	NO	
Portable toilets are contained to prevent discharges of waste	Yes	NO	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	NO	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	Yes	NO	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	NO	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	NO	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	NO	
Appropriate spill response personnel are assigned and trained	Yes	NO	
Equipment and materials for cleanup of spills is available on site	Yes	NO	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	NO	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	NO	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	NO	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	NO	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	Yes	NO	
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	Yes	NO	
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	N/A	—	
Bagged erodible landscape materials are stored on pallets and covered	N/A	—	
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	Yes	NO	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	Yes	NO	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	Yes	NO	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	Yes	NO	
Erosion Controls			
Wind erosion controls are effectively implemented	Yes	NO	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	Yes	NO	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	Yes	NO	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	Yes	NO	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	Yes	NO	
Sediment basins are properly maintained	Yes	NO	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	Yes	NO	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	Yes	NO	

are maintained and protected from activities the reduce their effectiveness	Yes	No	
Inspect all immediate access roads daily	Yes	No	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	Yes	No	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	Yes	No	

Part III. Descriptions of Any BMP Deficiencies		
Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of Identification.	
	Start Date	Action
1. None	N/A	None
2.		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutant(s).	
	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

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Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of 1/2 inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.

Discharge Location, Storage or Containment Area	Visual Observation
Catch Basin @ West End	Proper drainage is achieved.
Puddles @ Various locations	no odor / sheen. Puddles are pumped to discharge @ west catch basin

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.

Required Actions	Implementation Date
None	N/A

Appendix G BMP Checklists and Inspection Forms

BMP INSPECTION REPORT

Date and Time of Inspection: <i>December 2, 2011 10:00</i>		Date Report Written: <i>December 2, 2011</i>		
Inspection Type: (Circle one)	<input checked="" type="radio"/> Weekly Complete Parts <i>I, II, III and VII</i>	<input type="radio"/> Pre-Storm Complete Parts <i>I, II, III, IV and VII</i>	<input type="radio"/> During Rain Event Complete Parts <i>I, II, III, V, and VII</i>	<input type="radio"/> Post-Storm Complete Parts <i>I, II, III, VI and VII</i>
Part I. General Information				
Site Information				
Construction Site Name: <i>Walnut Creek Energy Park</i>				
Construction stage and completed activities: <i>Mass Excavation and Pile Installation</i>			Approximate area of site that is exposed: <i>11</i>	
Photos Taken: (Circle one)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	Photo Reference IDs:	
Weather				
Estimate storm beginning: (date and time) <i>NA</i>		Estimate storm duration: (hours)		
Estimate time since last storm: (days or hours)		Rain gauge reading and location: (in)		
Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N) If yes, summarize forecast:				
Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.				
Inspector Information				
Inspector Name: <i>David Linderman</i>			Inspector Title: <i>QSD</i>	
Signature: <i>David Linderman</i>			Date: <i>12/2/2011</i>	

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	yes	no	
Stockpiled construction materials not actively in use are covered and bermed	yes	no	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	yes	no	
Construction materials are minimally exposed to precipitation	yes	no	
BMPs preventing the off-site tracking of materials are implemented and properly effective	yes	no	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	yes	no	
Portable toilets are contained to prevent discharges of waste	yes	no	
Sanitation facilities are clean and with no apparent for leaks and spills	yes	no	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	yes	no	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	yes	no	
Stockpiled waste material is securely protected from wind and rain if not actively in use	yes	no	
Procedures are in place for addressing hazardous and non-hazardous spills	yes	no	
Appropriate spill response personnel are assigned and trained	yes	no	
Equipment and materials for cleanup of spills is available on site	yes	no	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	yes	no	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	yes	no	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	yes	no	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	yes	no	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	N/A		
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	N/A		
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	N/A		
Bagged erodible landscape materials are stored on pallets and covered	N/A		
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	yes	no	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	yes	no	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	yes	no	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	yes	no	
Erosion Controls			
Wind erosion controls are effectively implemented			
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots			
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.			
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	yes	no	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	yes	no	
Sediment basins are properly maintained	N/A	no	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	yes	no	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	yes	no	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	yes	no	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	yes	no	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	yes	no	

Part III. Descriptions of Any BMP Deficiencies		
Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
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Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).	
	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	yes
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	yes
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	yes
Notes:	

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Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of 1/2 inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.

Discharge Location, Storage or Containment Area	Visual Observation

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.

Required Actions	Implementation Date

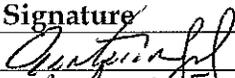
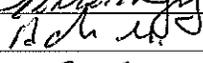
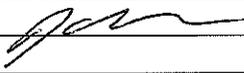
Attachment G – WEAP Training Acknowledgement Forms

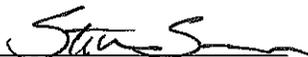
Nov. 1, 2012

Certification of Completion Worker Environmental Awareness Program (WEAP)

Walnut Creek Energy Park, City of Industry, Los Angeles County, California
Cultural and Paleontological Resources Education Program Verification
All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural and Paleontological Resources Education (Worker Environmental Awareness Program) for Employees on site at the Walnut Creek Energy Park. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

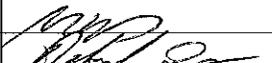
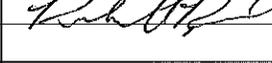
No.	Employee Name	Company	Signature	Date
1.	JUAN RENTERIA	PEN HALL		11-01-2011
2.	Adrian Muriel	Electrician		11-01-2011
3.	Josh Myers	QC Southwest		11/01/2011
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Trainer: Steven Sumner Signature:  Date: 11/01/11

Certification of Completion Worker Environmental Awareness Program (WEAP)

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No.	Employee Name	Company	Signature	Date
1.	Sean Edwards	Berkel		11-3-11
2.	Alfredo Spinore	Berkel		11-3-11
3.	Rashardd Royal	Berkel		11-3-11
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Trainer: Steven Sumner Signature:  Date: 11 / 3 / 11

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No.	Employee Name	Company	Signature	Date
1.	Freddie Gomez	Kiewit Inf.	Freddie Gomez	11-7-11
2.	Greer Harwell	KPC	Greer Harwell	11-7-11
3.	Scott Baddeley	KPE	Scott Baddeley	11/7/11
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Trainer: Steven Sumner Signature:  Date: 11 / 7 / 2011

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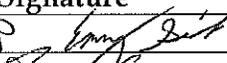
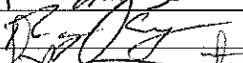
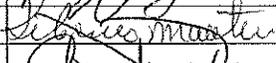
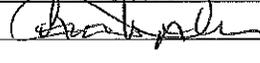
No.	Employee Name	Company	Signature	Date
1.	Alex warnock	Kiewit	Alex Warnock	11-8-11
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Trainer: Steven Summers Signature: Steven Summers Date: 11/8/2011

Certification of Completion Worker Environmental Awareness Program (WEAP)

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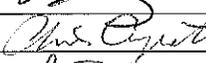
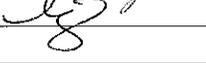
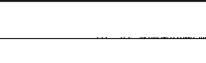
No.	Employee Name	Company	Signature	Date
1.	Emery Sisko	THE CULVER GROUP		11/10/2011
2.	Ray Cavanaugh	THE CULVER GROUP		11/10/11
3.	LIBORIO MARTIN	T&D COMM		11/10/11
4.	Camaron Walker	Sitech Pacific		11/10/11
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Trainer: Stacy Summers Signature:  Date: 11/11/2011

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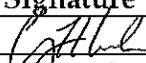
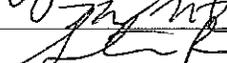
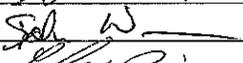
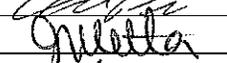
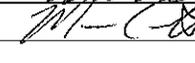
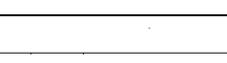
No.	Employee Name	Company	Signature	Date
1.	Paul Gonzalez	SOT		11-14-11
2.	Brian Citrono	SOT		11/14/11
3.	CHRIS ARGUETA	SOT		11/14/11
4.	ISMAEL ZAMATLHA	SOT		11/14/11
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Trainer: Steven Suminos Signature:  Date: 11/14/2011

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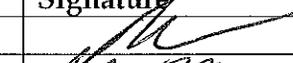
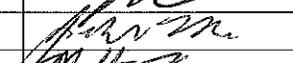
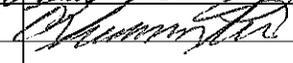
No.	Employee Name	Company	Signature	Date
1.	CORY HENDERSON	RLH INDUSTRIES		11-15-11
2.	BRAD MATZEK	RLH INDUSTRIES		11-15-11
3.	STEVE PINE	CRP PLUMBING		11-15-11
4.	JOHN WERSNER	CRP Plumbing		11-15-11
5.	CHRIS PINE	CRP Plumbing		11-15-11
6.	JESSICA MURRIETA	KIEWIT		11-15-11
7.	Ed Garcia	RLH Industries		11-15-11
8.	MATT GERLACH	BERKEL & COMPANY		11-15-11
9.	Moses Carrillo	Kiewit		11-15-11
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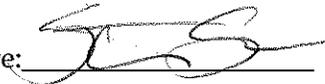
Trainer: Steven Summers Signature:  Date: 11/15/11

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No.	Employee Name	Company	Signature	Date
1.	RICHARD LUPEZ	PKS		11/17
2.	JOE MANDAC			11/17
3.	Matt Kram	KPC		11/17/11
4.	Richard SAMMARTANO	P.K.S.		11-17-2011
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Trainer: Steven Summ Signature:  Date: 11/17/11

Certification of Completion Worker Environmental Awareness Program (WEAP)

Walnut Creek Energy Park, City of Industry, Los Angeles County, California
Cultural and Paleontological Resources Education Program Verification
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No.	Employee Name	Company	Signature	Date
1.	LEONARD De la Rosa	Kiewit	<i>[Signature]</i>	11-22-11
2.	Manuel Raul Mojica	Kiewit	<i>[Signature]</i>	11-22-11
3.	DANIEL MORALES	KIEWIT	<i>[Signature]</i>	11-22-11
4.	Juan C Hernandez	Kiewit	Juan C Hernandez	11-22-11
5.	Ken Yoak	Kiewit	Ken Yoak	11-22-11
6.	Ernesto Duenias	Kiewit	Ernesto Duenias	11-22-11
7.	D Slapp Phelp	Kiewit	<i>[Signature]</i>	11-22-11
8.	Andrew Martinez	kiewit	<i>[Signature]</i>	11-22-11
9.	OSCAR G. MIZARES	kiewit	Oscar Mizares	11/22/11
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Trainer: Steven Summy Signature: *[Signature]* Date: 11 / 22 / 11

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No.	Employee Name	Company	Signature	Date
1.	John Butcher	PKS	<i>John Butcher</i>	11-29-11
2.	JOHN FIDDER	MCKEMA	<i>John Fiddler</i>	11-29-11
3.	MICHAEL MATUCINO	KIEWIT	<i>Michael Matucino</i>	11-29-11
4.	Brittini Schmitz	Kiewit	<i>Brittini Schmitz</i>	11-29-11
5.	CHASE MASHBURN	KIEWIT	<i>Chase Mashburn</i>	11-29-11
6.	Johnny Kewen	Kiewit	<i>Johnny Kewen</i>	11-29-11
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Trainer: *Steph Summa* Signature: *[Signature]* Date: 11/29/11

Attachment H – Site Construction Safety Supervisor's
Safety Report

Walnut Creek Energy Park**Worker Safety****CSS Safety Inspection Report – November 2011****Safety Training:**

Table below lists who has completed the site indoctrination training in the month of November. Indoctrination encompasses safety, environmental and WEAP training.

EMPLOYEE NAME	COMPANY	TRAINING DATE
Juan Renteria	Penhall	11/1/2011
Adrian Munoz	Penhall	11/1/2011
Josh Myers	QC Southwest	11/1/2011
Sean Edwards	Berkel & Co.	11/3/2011
Alfredo Espinoza	Berkel & Co.	11/3/2011
Rishaadd Royal	Berkel & Co.	11/3/2011
Freddie Gomez	Kiewit	11/7/2011
Grear Howell	Kiewit	11/7/2011
Scott Boddaley	Kiewit	11/7/2011
Alex Warnock	Kiewit	11/8/2011
Emery Sisko	The Culver Group	11/10/2011
Ray Cavanaugh	The Culver Group	11/10/2011
Liborio Martin	T&D Comm.	11/10/2011
Cameron Walker	Sitech Pacific	11/10/2011
Pam Gonzalez	SOI	11/14/2011

Brian Chando	SOI	11/14/2011
Chris Argueta	SOI	11/14/2011
Ismael Zadhagola	SOI	11/14/2011
Cory Henderson	RLH Industries	11/15/2011
Brad Matzek	RLH Industries	11/15/2011
Steve Pine	CRP Plumbing	11/15/2011
John Wersner	CRP Plumbing	11/15/2011
Chris Pine	CRP Plumbing	11/15/2011
Jessica Murrietta	Kiewit	11/15/2011
Ed Garcia	RLH Industries	11/15/2011
Matt Gerlach	Berkel & Co.	11/15/2011
Moses Carrillo	Kiewit	11/15/2011
Richard Lopez	PKS	11/17/2011
Joe Mandac	PKS	11/17/2011
Matt Kram	Kiewit	11/17/2011
Richard Sammartano	PKS	11/17/2011
Leonard De La Rosa	Kiewit	11/22/2011
Manuel Raul Mojica	Kiewit	11/22/2011
Daniel Morales	Kiewit	11/22/2011
Juan Hernandez	Kiewit	11/22/2011
Ken Yoak	Kiewit	11/22/2011
Ernesto Duenas	Kiewit	11/22/2011
D Slaip Phelps	Kiewit	11/22/2011
Andrew Martinez	Kiewit	11/22/2011

Oscar Mijares	Kiewit	11/22/2011
John Bathurst	PKS	11/29/2011
John Fidden	McKenna	11/29/2011
Michael Maturino	Kiewit	11/29/2011
Brittni Schmitz	Kiewit	11/29/2011
Chase Mashburn	Kiewit	11/29/2011
Johnny Rowell	Kiewit	11/29/2011
Juan Renteria	Penhall	11/1/2011
Adrian Munoz	Penhall	11/1/2011
Josh Myers	QC Southwest	11/1/2011
Sean Edwards	Berkel & Co.	11/3/2011
Alfredo Espinoza	Berkel & Co.	11/3/2011
Rishaadd Royal	Berkel & Co.	11/3/2011

Safety Management Actions and Safety-Related Incidents:

- Safety tours performed daily.
- Subcontractor Near Miss on 11/15/2011

Continuing or Unresolved Situations:

None to Report

First Aid and Recordable Injuries:

None to Report