December 13, 2011

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

Subject: CPV Sentinel Energy Project
Docket No. 07-AFC-3C
Monthly Compliance Report – Number 12
November 2011

Dear Mr. Rundquist and Ms. Miller:

Enclosed please find the Monthly Compliance Report – Number 12 for the CPV Sentinel Energy Project for the month of November 2011. If you have any questions, please feel free to contact me at (714) 648-2759.

Sincerely,

Maggie Fitzgerald
Site Compliance Manager

cc: Project File

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# CPV SENTINEL ENERGY PROJECT

# MONTHLY COMPLIANCE REPORT – NUMBER 12

## Report Period: November 2011

**Submitted to**

**California Energy Commission**
**Energy Facilities Siting and**
**Environmental Protection Division**
**1516 9th Street**
**Sacramento, California 95814-5512**

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# 1.0 CURRENT PROJECT CONSTRUCTION STATUS

This section of the monthly compliance report addresses the progress of the CPV Sentinel Energy Project construction activities.

The updated construction schedule is included as Figure 1 of this report. There have been no significant changes to the construction schedule since the previous monthly report. A key events list is provided in Appendix A of this report. The date for the start of the gas pipeline construction has been updated from November 2011 to December 2011. The date for the start of transmission line construction has been updated from November 2011 to March 2012. The date for completion of water supply construction has been updated from November 2011 to February 2012. No other changes have been made to the key events list since the previous monthly report.

## 1.1 Construction Activities

On-site construction activities for this reporting period included the following:

- Continued construction on Melissa Lane;
- Continued construction on major foundations (e.g. Combustion Turbines, tanks, etc.);
- Commenced construction of underground piping; and
- Commenced construction of Raw Water Tank.

# 2.0 COMPLIANCE MATRIX

An updated copy of the CEC Compliance Matrix is included with this report in Appendix A. As requested, fully satisfied conditions of certification (COCs) are not included in the matrix after they have been reported complete.

# 3.0 REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT

## 3.1 CBO Documentation

Documentation for CBO related activities for this reporting period are included as Appendix B of this report. The required documentation includes:

- Copies of all transmittal letters for submittals made to the CBO for this reporting period;
- Copies of all approvals received from the CBO during this reporting period;
- Updated CBO submittal and drawing list; and
- A copy of the CBO payment receipt for this reporting period.

## 3.2 Worker Environmental Awareness Program Training

Worker Environmental Awareness Program (WEAP) training was conducted for all on-site workers as they were brought onto the project. Appendix C includes all WEAP Training

Acknowledgement Forms for this reporting period. During this reporting period 52 workers were trained. To date, a total of 403 workers have been WEAP trained for the project.

### 3.3 Worker Safety

The Construction Safety Supervisor (CSS) monthly safety inspection report is included as Appendix D of this report. As specified in WORKER SAFETY-3, the report includes:

- A record of all employees trained for that month (all records shall be kept on-site for the duration of the project);
- A summary report of safety management actions and safety-related incidents that occurred during the month;
- A report of any continuing or unresolved situations and incidents that may pose danger to life or health; and
- A report of accidents and injuries that occurred during the month.

### 3.4 Biological Resources

As required by the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), site survey reports and a summary of activities completed during this reporting period are included as Appendix E (Biological Resources Monthly Summary Report) of this report.

### 3.5 Cultural Resources

The designated Cultural Resources Specialist (CRS) and/or Delegate CRS continued communication with Gemma Power Engineers, CPV and URS personnel to ascertain monitoring needs based on construction activities and schedule. No activities requiring monitoring by the Cultural Resources Monitors (CRMs) occurred this reporting period. CRMs will continue to be available on an as-needed basis for the duration of project construction. The Cultural Resources Monthly Summary Report is included as Appendix F of this report.

### 3.6 Paleontological Resources

The designated Paleontological Resources Specialist (PRS) and/or Delegate PRS continued communication with Gemma Power Engineers, CPV and URS personnel to ascertain monitoring needs based on construction activities and schedule. No activities requiring monitoring by Paleontological Resources Monitors (PRMs) occurred this reporting period. PRMs will continue to be available on an as-needed basis for the duration of project construction. The Paleontological Resources Monthly Summary Report is included as Appendix G of this report.

### 3.7 Air Quality

Documentation demonstrating compliance with the Air Quality Construction Mitigation Plan (AQCMP) and construction fugitive dust control measures for this reporting period is included as Appendix H of this report. It includes the daily AQCMP compliance forms, as required by AQ-SC3 and AQ-SC4.

Diesel-fueled engine control measures documentation for this reporting period is also included in Appendix H of this report, as required by AQ-SC5. This includes:

- Log of long-term and short-term diesel-fueled construction equipment that is on-site;
- Diesel fuel receipts; and
- Letters from on-site heavy equipment contractors new to the project expressing their commitment to compliance with the diesel-fueled engine compliance measures.

Please note that for November there was no short-term diesel-fueled equipment on-site.

## 4.0 COMPLIANCE REQUIREMENTS COMPLETED DURING THE REPORTING PERIOD

Table 4-1 contains the compliance requirements submitted to the CEC Compliance Project Manager (CPM) during this reporting period. CEC approval is also noted. Items are listed in chronological order of date submitted to CEC. The list of CBO submittals is included in Appendix B.

**Table 4-1 Compliance Submittals**

| COC | Description | Date Due | Date Submitted | CEC Approval Date | Status |
|---|---|---|---|---|---|
| COMPLIANCE -6 | …During pre-construction and construction of the project, the project owner or authorized agent shall submit an original and an electronic searchable version 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… | Monthly | 11/10/2011 | -- | Approved /On-going |

## 5.0 DELINQUENT SUBMITTALS

As of the end of the reporting period, there are no delinquent compliance submittals.

## 6.0 CHANGES TO CONDITIONS OF CERTIFICATION

No changes to any of the COCs occurred during this reporting period.

## 7.0 FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES

No filings or permits were issued by other governmental agencies during this reporting period.

## 8.0 PROJECT COMPLIANCE ACTIVITIES SCHEDULED FOR THE NEXT TWO MONTHS

A summary of the planned submittals over the next two months is included in Table 8-1. The submittals are listed in chronological order of date due to CEC.

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

| COC | Description | Verification Summary | Due Date to CEC |
|---|---|---|---|
| SOIL& WATER-3.1 | The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well. | The project owner shall do all of the following:<br>1. No later than 30 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies to the CPM of the water well construction packet submitted to the County of Riverside.<br>2. No later than 15 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies of the written concurrence document from the County of Riverside indicating that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program . | 12/15/11 |
| GEN-1.1 | The project owner shall design, construct, and inspect the project in accordance with the 2007 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations, and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval. The CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility (2007 CBC, Appendix. Chapter 1, § 101.2, Scope). All transmission facilities (lines, switchyards, switching stations, and substations) are covered in the Conditions of Certification in the Transmission System Engineering section of this Decision. | The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design. | 01/01/12 |

| COC | Description | Verification Summary | Due Date to CEC |
|---|---|---|---|
| GEN-1.2 | The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility (2007 CBC, Appendix. Chapter 1, § 101.2, Scope). All transmission facilities (lines, switchyards, switching stations, and substations) are covered in the Conditions of Certification in the Transmission System Engineering section of this Decision. | Once the certificate of occupancy has been issued, the project owner shall inform the CPM of any work to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work. | 01/01/12 |
| SOIL& WATER 1.3 | SWPPP for SoCal Gas Line: The project owner shall comply with the requirements of the general National Pollution Discharge Elimination System (NPDES) permit for discharge of storm water associated with construction activity. The project owner shall develop, obtain compliance project manager (CPM) approval of, and implement a Storm Water Pollution Prevention Plan (SWPPP) for, the construction of the CPV Sentinel site, lay down area, and all linear facilities including the recycled water supply pipeline to PSNGC. | At least 60 days prior to site mobilization, the project owner shall submit to the CPM a copy of the construction SWPPP for review and approval prior to site mobilization. The project owner shall retain a copy on site. The project owner shall submit copies to the CPM of all correspondence between the project owner and the Colorado Region Regional Water Quality Control Board (RWQCB) regarding the NPDES permit for the discharge of storm water associated with construction activity within ten days of its receipt or submittal. Copies of correspondence shall include the notice of intent sent to the State Water Resources Control Board (SWRCB), and the board's confirmation letter indicating receipt and acceptance of the notice of intent. | 01/01/12 |
| TSE-1.1 | The project owner shall ensure that a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List are furnished to the CPM and to the CBO. 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 ensure that designated packages are provided to the CPM when requested. To facilitate audits by Energy Commission staff, the project owner shall provide designated packages to the CPM when requested. | The project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. Additions and deletions shall be made to the table only with CPM and CBO approval. The project owner shall provide schedule updates in the Monthly Compliance Report. | 01/01/12 |
| TSE-1.2 | The project owner shall ensure that a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List are furnished to the CPM and to the CBO. 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. | The project owner shall provide schedule updates in the Monthly Compliance Report | 01/01/12 |
| TSE-5.1 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>a) Design drawings, specifications and calculations conforming with CPUC General Order 95 or NESC, Title 8, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", NEC, applicable interconnection standards and related industry standards, for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment. | 01/01/12 |

| COC | Description | Verification Summary | Due Date to CEC |
|---|---|---|---|
| TSE-5.2 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>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 CPUC General Order 95 or NESC, Title 8, California Code of Regulations, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", NEC, applicable interconnection standards, and related industry standards. | 01/01/12 |
| TSE-5.3 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>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) | 01/01/12 |
| TSE-5.4 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall submit to the CBO for approval:<br>d) A line route drawing after selecting one of the alternate route options for the generator 230 kV interconnection tie line. | 01/01/12 |
| TSE-5.5 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>e) The SPS sequencing and timing if applicable shall be provided concurrently to the CPM. | 01/01/12 |
| TSE-5.6 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>f) The executed project owner and California ISO Large Generator Interconnection Agreement. | 01/01/12 |
| TSE-5.7 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>g) A letter stating that the mitigation measures or projects selected by the transmission owners for each criteria violation are acceptable. | 01/01/12 |

| COC | Description | Verification Summary | Due Date to CEC |
|---|---|---|---|
| TSE-5.8 | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>h) The Operational study report based on 2010 system conditions (including operational mitigation measures) from the California SO and/or SCE. | 01/01/12 |
| SOIL& WATER 1.4 | SWPPP for SCE Line: The project owner shall comply with the requirements of the general National Pollution Discharge Elimination System (NPDES) permit for discharge of storm water associated with construction activity. The project owner shall develop, obtain compliance project manager (CPM) approval of, and implement a Storm Water Pollution Prevention Plan (SWPPP) for, the construction of the CPV Sentinel site, lay down area, and all linear facilities including the recycled water supply pipeline to PSNGC. | At least 60 days prior to site mobilization, the project owner shall submit to the CPM a copy of the construction SWPPP for review and approval prior to site mobilization. The project owner shall retain a copy on site. The project owner shall submit copies to the CPM of all correspondence between the project owner and the Colorado Region Regional Water Quality Control Board (RWQCB) regarding the NPDES permit for the discharge of storm water associated with construction activity within ten days of its receipt or submittal. Copies of correspondence shall include the notice of intent sent to the State Water Resources Control Board (SWRCB), and the board's confirmation letter indicating receipt and acceptance of the notice of intent. | 01/02/12 |

Please note that several of the items listed in Table 8-1 have revised due dates from what was listed in the previous monthly report due to the schedule updates from Southern California Edison (SCE) for the installation of the transmission line. TSE-1.1 and 1.2, and TSE-5.1 through 5.8 all had a due date of November 15, 2011, and the revised due date is now January 1, 2012. TSE-4, TLSN-1, TSE-2.1 and -2.2 all had a due date of December 1, 2011, and these now have an updated due date of February 1, 2012. SOIL&WATER-3.2 and 3.3 had a due date of December 15, 2011, and the revised due date is February 15, 2012 for both because it is not due until after the installation of each well.

Appendix B contains the list of anticipated CBO submittals for the project.

Table 8-2 lists the on-going construction compliance activities.

**Table 8-2 On-going Construction Compliance Activities**

| COC | Description Summary |
|---|---|
| AQ-SC3 | AQCMP documentation for dust control measures |
| AQ-SC4 | Dust plume response |
| AQ-SC5 | Diesel-fueled engine control |
| BIO-2 | Biological Resources monthly summary report |
| BIO-6 | Implementation of BRMIMP |
| BIO-7 | Impact Avoidance Mitigation Measures |
| BIO-8 | Mitigation Management to Avoid Harassment or Harm |
| BIO-5<br>CUL-5<br>PAL-4 | WEAP training for all on-site workers |
| CUL-2 | Weekly report from CRS to CPM of anticipated construction activities for the following week |
| CUL-3 | CRMMP implementation |
| CUL-6 | Cultural Resources monthly monitoring summary report |
| GEN-2.2<br>TSE-1.2 | Project construction schedule updates |
| GEN-3.2 | CBO Payment receipts |
| GEN-6.2<br>GEN-7.1<br>MECH-1.2<br>MECH-2.2<br>STRUC-4.2 | Documenting of all CBO approvals (special inspections, CBO inspections, plan checks, corrective actions, submittals, and all other CBO approvals) and CBO submittal transmittal letters. |
| PAL-3 | PRMMP implementation |
| PAL-5 | Paleontological Resources monthly monitoring summary report |
| WORKER SAFETY-3.2 | CSS monthly safety inspection report |

## 9.0 LISTING OF THE MONTH'S ADDITIONS TO THE COMPLIANCE FILE

The compliance file is being maintained by URS in the Santa Ana, California office. An on-site file is also being maintained for all construction documents. For this reporting period, copies of submittals indicated in Table 4-1 were added to the compliance files.

## 10.0 REQUESTS TO DISPOSE OF ITEMS REQUIRED TO BE MAINTAINED IN THE COMPLIANCE FILE

For this reporting period, no requests for the disposal of items in the project owner's compliance files were made.

## 11.0 COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS

No complaints, notices of violation, official warnings, or citations have been received during this reporting period or to date on the project.

## 12.0 PENDING CEC APPROVALS

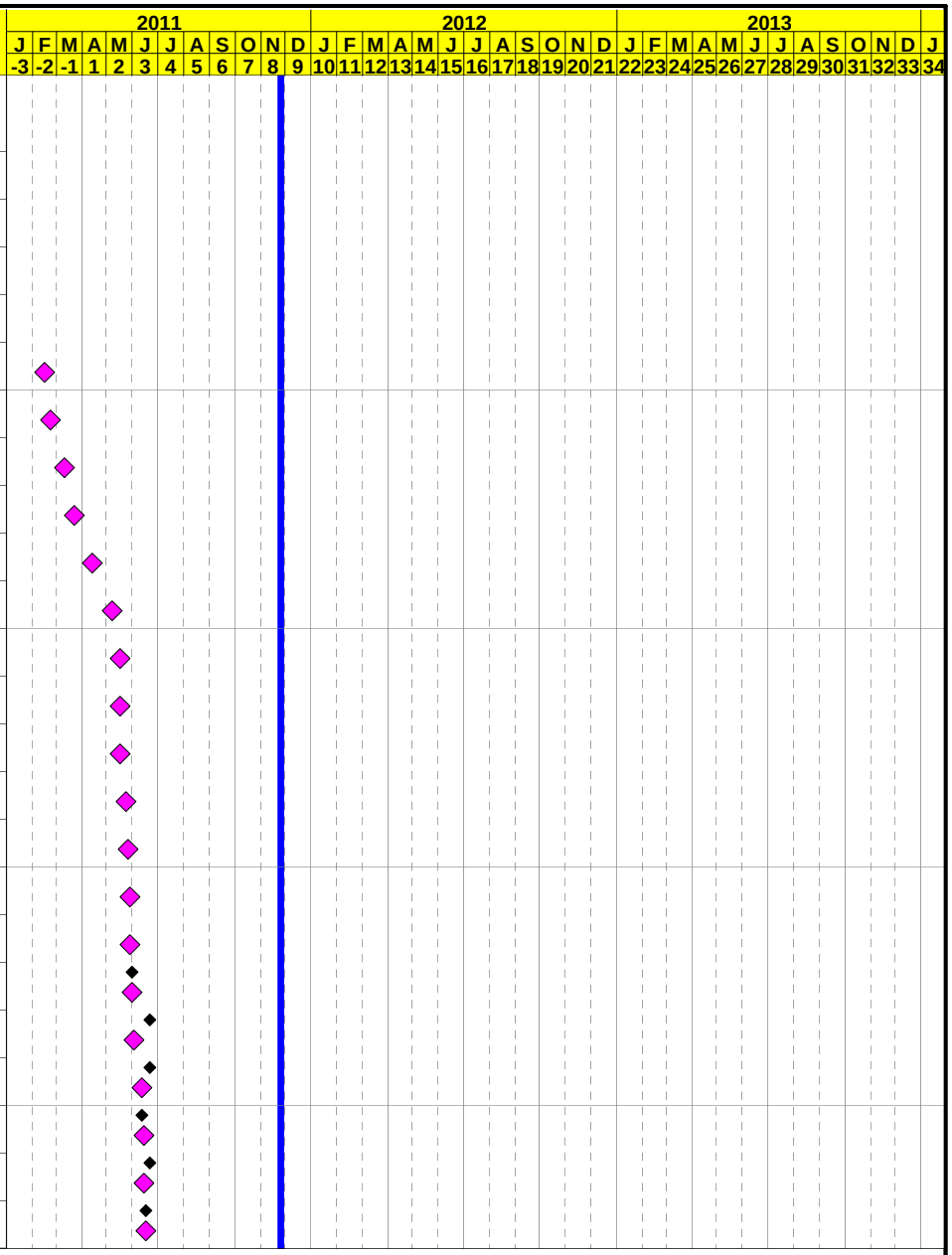
There are no outstanding CEC approvals for COCs submitted by the project that requested approvals by the end of November.

**FIGURE 1**
**Construction Schedule**

# CPV Sentinel, LLC

*Milestone*

| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| 1002 | CPV / GE Owner Definition Meeting | 0 | 0 | 22JUL08A | |
| 1005 | Receive GE LMS 100 Go By Design | 0 | 0 | | 22JUL08A |
| 1000 | CPV Provide Limited Notice to Proceed | 0 | 0 | 28JUL08A | |
| 1006 | CPV Suspend the Project | 0 | 0 | 02DEC08A | |
| 1007 | CPV Provide Suspension Release EPC (LNTP) | 0 | 0 | | 14FEB11A |
| 1013 | Release Exhaust Duct for Engineering | 0 | 0 | | 22FEB11A |
| 1011 | CPV Provide Suspension Release GE | 0 | 0 | | 11MAR11A |
| 1017 | Release Field Erected Tanks for Engineering | 0 | 0 | | 23MAR11A |
| 1015 | Release Wtr Treatment System for Engineering | 0 | 0 | | 12APR11A |
| 1012 | Release GSU for Engineering & Hold Mfg. Slot | 0 | 0 | | 06MAY11A |
| 1040 | CPV Provide GE LMS 100 Fnd / Struct Design GO BY | 0 | 0 | | 16MAY11A |
| 1050 | CPV Provide GE LMS 100 Piping Design GO BY | 0 | 0 | | 16MAY11A |
| 1060 | CPV Provide GE LMS 100 Elec. Design Drawings | 0 | 0 | | 16MAY11A |
| 1051 | CPV Provide GE LMS 100 Piping Design (IFC) | 0 | 0 | | 23MAY11A |
| 1010 | CPV Provide Notice To Proceed | 0 | 0 | 26MAY11A | |
| 1014 | Release Gas Compressors for Engineering | 0 | 0 | | 27MAY11A |
| 1016 | Release Cooling Tower for Engineering | 0 | 0 | | 27MAY11A |
| 1030 | CPV Provide Site Access "for Mobilization" | 0 | 0 | 01JUN11A | |
| 1090 | CPV Provide Site Potable Water | 0 | 0 | | 01JUN11A |
| 1080 | CPV Provide Site Construction Water | 0 | 0 | | 10JUN11A |
| 1041 | CPV Provide GE LMS 100 Fnd / Struct Design (IFC) | 0 | 0 | | 13JUN11A |
| 1070 | CPV Provide Site Construction Temporary Power | 0 | 0 | | 13JUN11A |
| 1061 | CPV Provide GE LMS 100 Electrical Design (IFC) | 0 | 0 | | 15JUN11A |




| | |
|---|---|
| Start Date | 01MAY08 |
| Finish Date | 20NOV13 |
| Data Date | 26NOV11 |

**Gemma Power Systems**

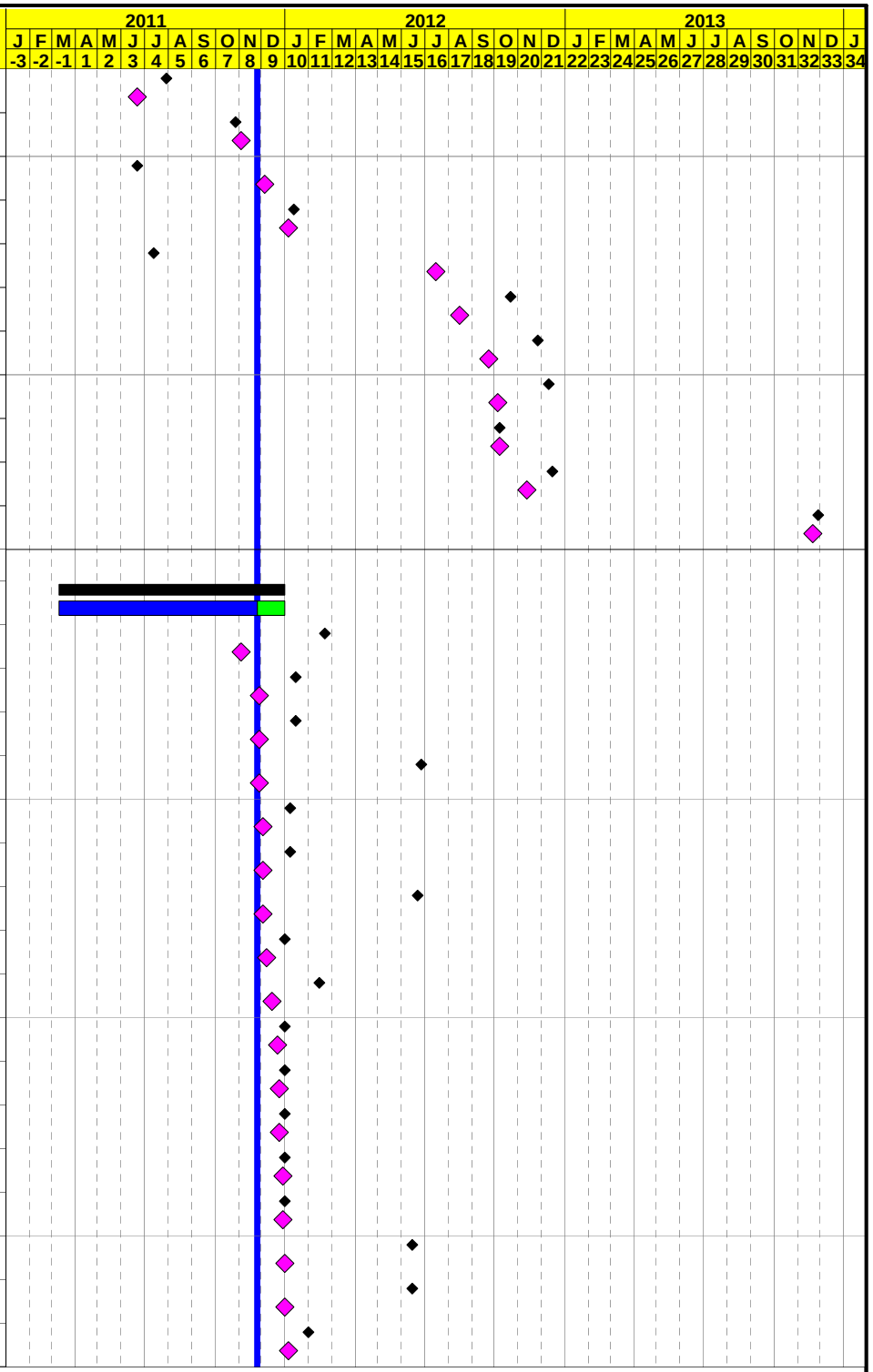
**CPV Sentinel**

**Level One Project Schedule**

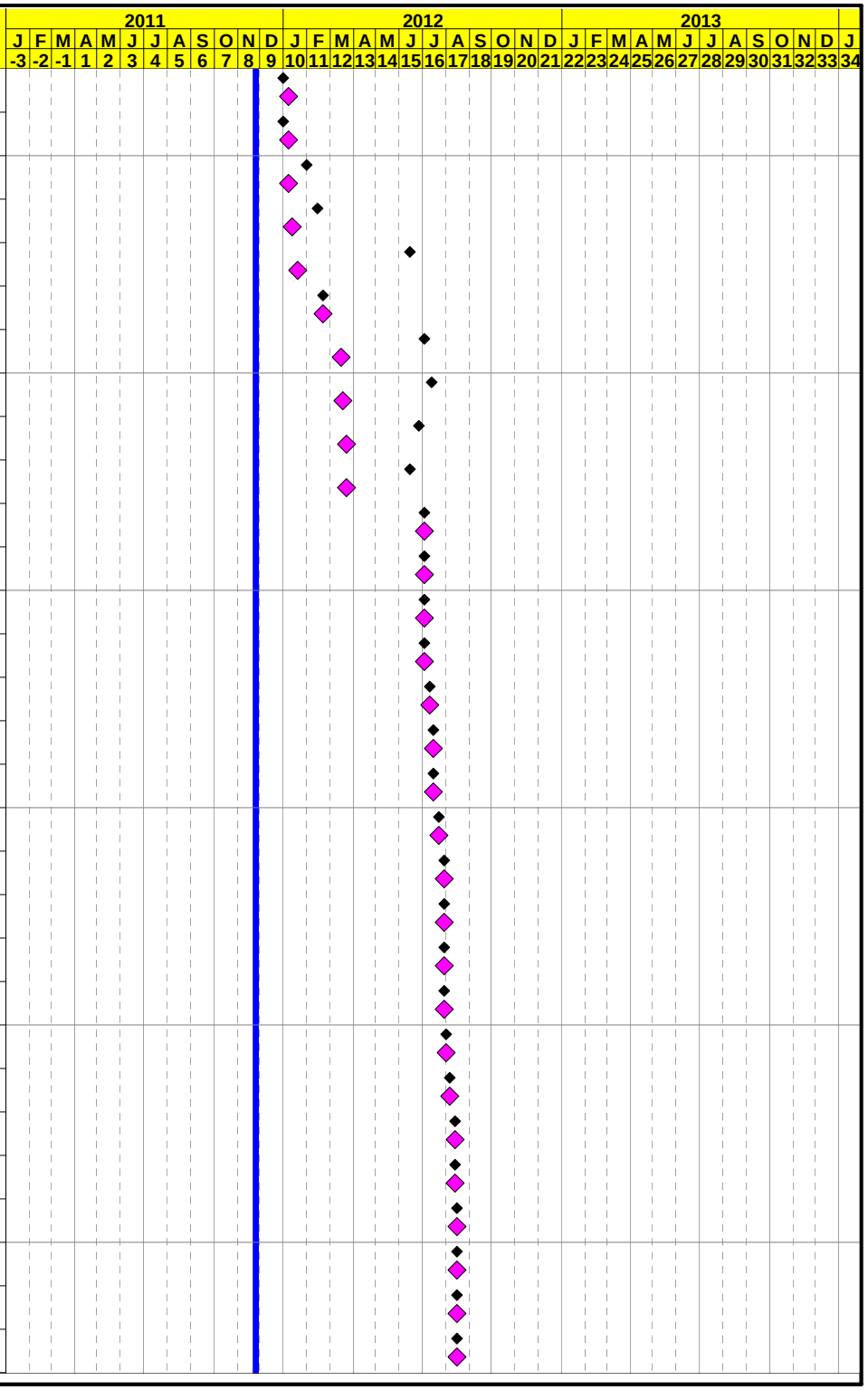
Project Baseline
Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

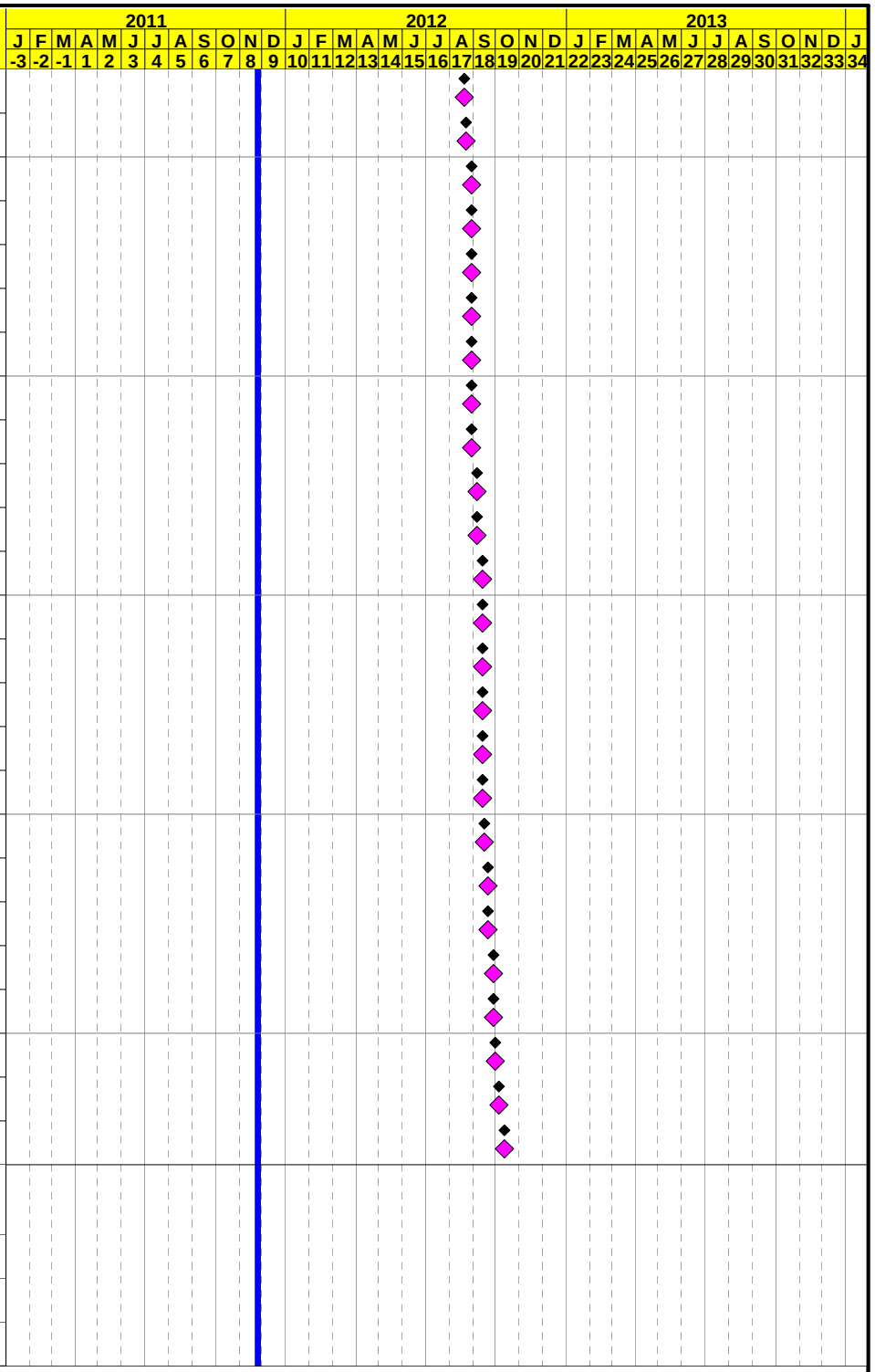
| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| 1031 | CPV Provide Site Access Road Complete | 0 | 0 | 22JUN11A | |
| 1190 | CPV Provide Full Construction Power | 0 | 0 | | 02NOV11A |
| 1191 | CPV Provide Site Communication Interface | 0 | 0 | | 05DEC11 |
| 1192 | CPV Provide GE TA's | 0 | 0 | 05JAN12 | |
| 1100 | CPV Provide Complete New On Site Wells | 0 | 0 | | 16JUL12 |
| 1201 | CPV Provide Operators | 0 | 0 | 17AUG12 | |
| 1200 | CPV Provide First Fills | 0 | 0 | | 21SEP12 |
| 1220 | CPV Provide Commissioning Water & Demin Trailers | 0 | 0 | | 05OCT12 |
| 1210 | CPV Provide Back Feed Power | 0 | 0 | | 06OCT12 |
| 1230 | CPV Provide Fuel Gas | 0 | 0 | | 12NOV12 |
| 1240 | CPV Provide the Ability to put Power to the Grid | 0 | 0 | 21NOV13 | |
| *GE Equipment Delivery* | | | | | |
| 1109 | GE Fabricate GTG & Accessories | 259 | 35 | 12MAR11A | 30DEC11 |
| 1313 | FAS Generator Unit 1, Pizen | 0 | 0 | | 03NOV11A |
| 1319 | FAS Intercooler Piping Unit 1, South Korea | 0 | 0 | | 27NOV11 |
| 1329 | FAS Intercooler Piping Unit 2, South Korea | 0 | 0 | | 27NOV11 |
| 1339 | FAS Intercooler Piping Unit 3, South Korea | 0 | 0 | | 27NOV11 |
| 1317 | FAS VBV Equip. Unit 1, Shanghai | 0 | 0 | | 02DEC11 |
| 1327 | FAS VBV Equip. Unit 2, Shanghai | 0 | 0 | | 02DEC11 |
| 1337 | FAS VBV Equip. Unit 3, Shanghai | 0 | 0 | | 02DEC11 |
| 1318 | RTS Water Pump Skid Unit 1, Mexico City | 0 | 0 | | 07DEC11 |
| 1315 | FAS Intercooler Unit 1, South Korea | 0 | 0 | | 14DEC11 |
| 1314 | RTS PCM Unit 1, Houston | 0 | 0 | | 20DEC11 |
| 1311 | RTS Balance of Equipment Unit 1, Houston | 0 | 0 | | 22DEC11 |
| 1312 | RTS Gas Turbine Package Unit 1, Houston | 0 | 0 | | 22DEC11 |
| 1324 | RTS PCM Unit 2, Houston | 0 | 0 | | 27DEC11 |
| 1328 | RTS Water Pump Skid Unit 2, Mexico City | 0 | 0 | | 29DEC11 |
| 1331 | RTS Balance of Equipment Unit 3, Houston | 0 | 0 | | 30DEC11 |
| 1332 | RTS Gas Turbine Package Unit 3, Houston | 0 | 0 | | 30DEC11 |
| 1316 | RTS Air Filter Unit 1 | 0 | 0 | | 05JAN12 |



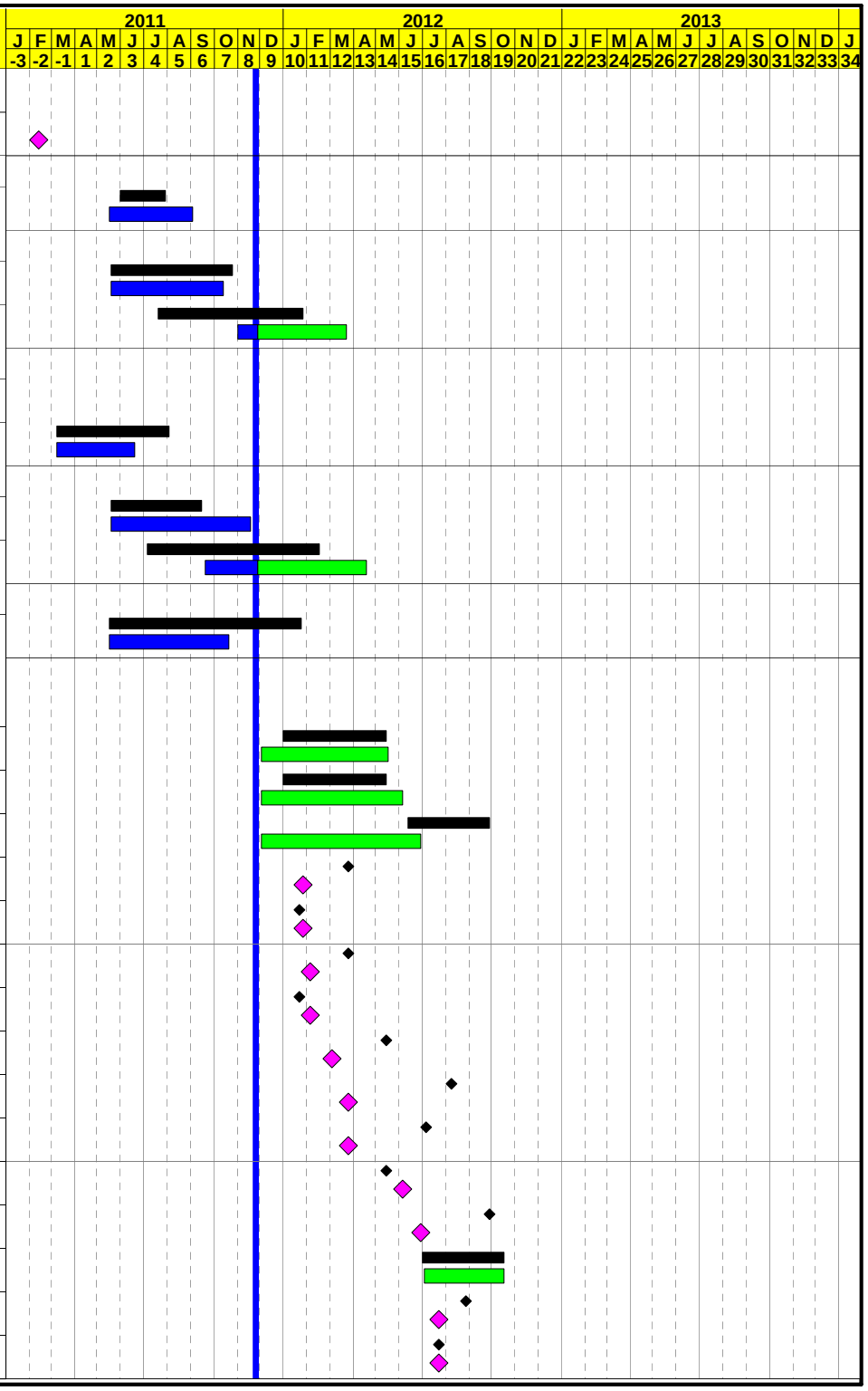
| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| 1321 | RTS Balance of Equipment Unit 2, Houston | 0 | 0 | | 06JAN12 |
| 1322 | RTS Gas Turbine Package Unit 2, Houston | 0 | 0 | | 06JAN12 |
| 1326 | RTS Air Filter Unit 2 | 0 | 0 | | 06JAN12 |
| 1325 | FAS Intercooler Unit 2, South Korea | 0 | 0 | | 10JAN12 |
| 1338 | RTS Water Pump Skid Unit 3, Mexico City | 0 | 0 | | 18JAN12 |
| 1323 | FAS Generator Unit 2, Pizen | 0 | 0 | | 20FEB12 |
| 1333 | FAS Generator Unit 3, Pizen | 0 | 0 | | 15MAR12 |
| 1334 | RTS PCM Unit 3, Houston | 0 | 0 | | 19MAR12 |
| 1335 | FAS Intercooler Unit 3, South Korea | 0 | 0 | | 23MAR12 |
| 1336 | RTS Air Filter Unit 3 | 0 | 0 | | 23MAR12 |
| 1341 | RTS Balance of Equipment Unit 4, Houston | 0 | 0 | | 02JUL12 |
| 1342 | RTS Gas Turbine Package Unit 4, Houston | 0 | 0 | | 02JUL12 |
| 1346 | RTS Air Filter Unit 4 | 0 | 0 | | 02JUL12 |
| 1348 | RTS Water Pump Skid Unit 4, Mexico City | 0 | 0 | | 02JUL12 |
| 1347 | FAS VBV Equip. Unit 4, Shanghai | 0 | 0 | | 09JUL12 |
| 1345 | FAS Intercooler Unit 4, South Korea | 0 | 0 | | 16JUL12 |
| 1349 | FAS Intercooler Piping Unit 4, South Korea | 0 | 0 | | 16JUL12 |
| 1343 | FAS Generator Unit 4, Pizen | 0 | 0 | | 23JUL12 |
| 1351 | RTS Balance of Equipment Unit 5, Houston | 0 | 0 | | 30JUL12 |
| 1352 | RTS Gas Turbine Package Unit 5, Houston | 0 | 0 | | 30JUL12 |
| 1356 | RTS Air Filter Unit 5 | 0 | 0 | | 30JUL12 |
| 1358 | RTS Water Pump Skid Unit 5, Mexico City | 0 | 0 | | 30JUL12 |
| 1344 | RTS PCM Unit 4, Houston | 0 | 0 | | 01AUG12 |
| 1357 | FAS VBV Equip. Unit 5, Shanghai | 0 | 0 | | 06AUG12 |
| 1355 | FAS Intercooler Unit 5, South Korea | 0 | 0 | | 13AUG12 |
| 1359 | FAS Intercooler Piping Unit 5, South Korea | 0 | 0 | | 13AUG12 |
| 1361 | RTS Balance of Equipment Unit 6, Houston | 0 | 0 | | 15AUG12 |
| 1362 | RTS Gas Turbine Package Unit 6, Houston | 0 | 0 | | 15AUG12 |
| 1366 | RTS Air Filter Unit 6 | 0 | 0 | | 15AUG12 |
| 1368 | RTS Water Pump Skid Unit 6, Mexico City | 0 | 0 | | 15AUG12 |



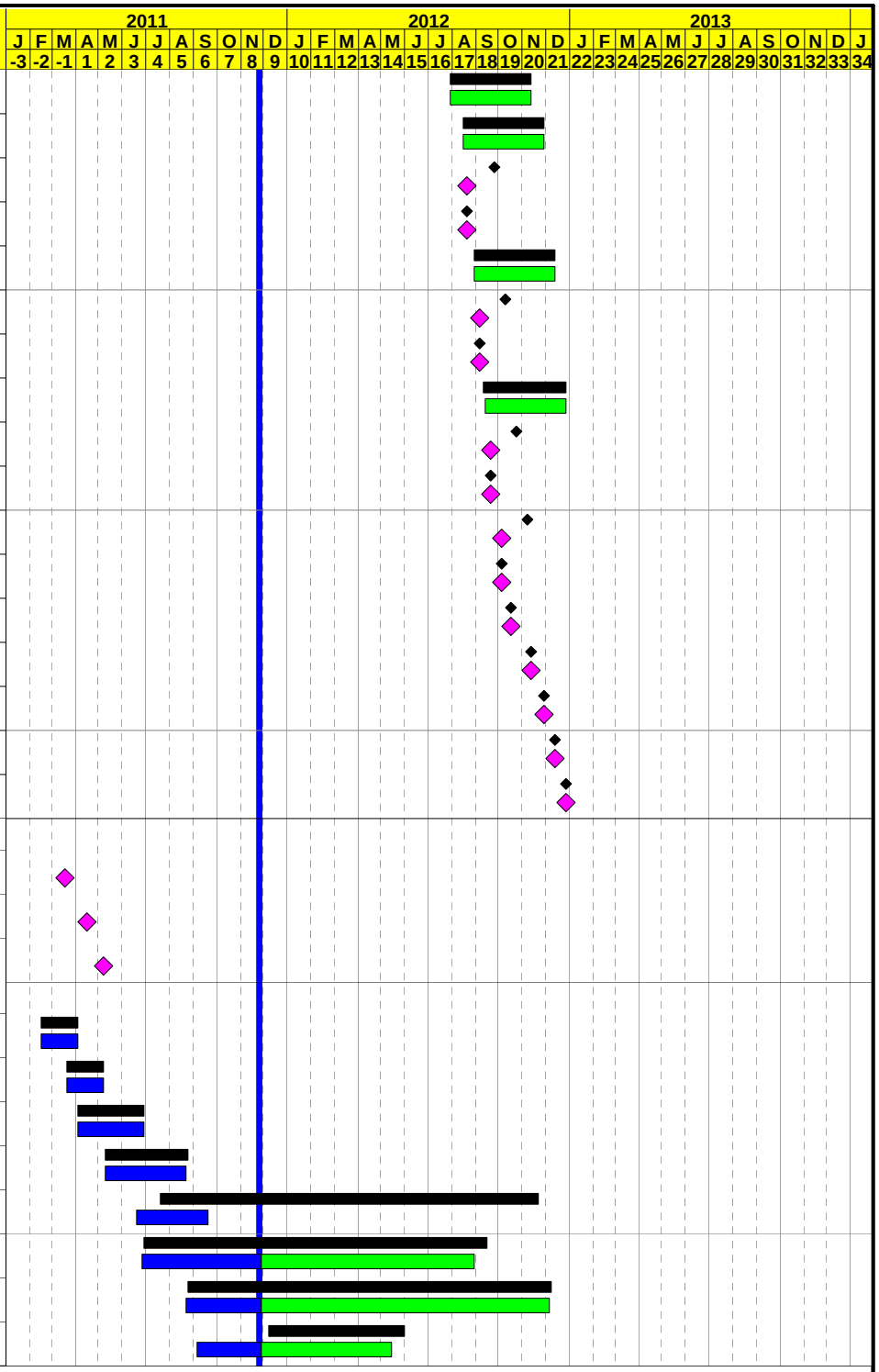
| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| 1353 | FAS Generator Unit 5, Pizen | 0 | 0 | | 20AUG12 |
| 1367 | FAS VBV Equip. Unit 6, Shanghai | 0 | 0 | | 22AUG12 |
| 1354 | RTS PCM Unit 5, Houston | 0 | 0 | | 29AUG12 |
| 1365 | FAS Intercooler Unit 6, South Korea | 0 | 0 | | 29AUG12 |
| 1369 | FAS Intercooler Piping Unit 6, South Korea | 0 | 0 | | 29AUG12 |
| 1371 | RTS Balance of Equipment Unit 7, Houston | 0 | 0 | | 29AUG12 |
| 1372 | RTS Gas Turbine Package Unit 7, Houston | 0 | 0 | | 29AUG12 |
| 1376 | RTS Air Filter Unit 7 | 0 | 0 | | 29AUG12 |
| 1378 | RTS Water Pump Skid Unit 7, Mexico City | 0 | 0 | | 29AUG12 |
| 1363 | FAS Generator Unit 6, Pizen | 0 | 0 | | 05SEP12 |
| 1377 | FAS VBV Equip. Unit 7, Shanghai | 0 | 0 | | 05SEP12 |
| 1375 | FAS Intercooler Unit 7, South Korea | 0 | 0 | | 12SEP12 |
| 1379 | FAS Intercooler Piping Unit 7, South Korea | 0 | 0 | | 12SEP12 |
| 1381 | RTS Balance of Equipment Unit 8, Houston | 0 | 0 | | 12SEP12 |
| 1382 | RTS Gas Turbine Package Unit 8, Houston | 0 | 0 | | 12SEP12 |
| 1386 | RTS Air Filter Unit 8 | 0 | 0 | | 12SEP12 |
| 1388 | RTS Water Pump Skid Unit 8, Mexico City | 0 | 0 | | 12SEP12 |
| 1364 | RTS PCM Unit 6, Houston | 0 | 0 | | 14SEP12 |
| 1373 | FAS Generator Unit 7, Pizen | 0 | 0 | | 19SEP12 |
| 1387 | FAS VBV Equip. Unit 8, Shanghai | 0 | 0 | | 19SEP12 |
| 1385 | FAS Intercooler Unit 8, South Korea | 0 | 0 | | 26SEP12 |
| 1389 | FAS Intercooler Piping Unit 8, South Korea | 0 | 0 | | 26SEP12 |
| 1374 | RTS PCM Unit 7, Houston | 0 | 0 | | 28SEP12 |
| 1383 | FAS Generator Unit 8, Pizen | 0 | 0 | | 03OCT12 |
| 1384 | RTS PCM Unit 8, Houston | 0 | 0 | | 12OCT12 |
| **MOTT MACDONALD** | | | | | |
| ***Engineering Design*** | | | | | |
| EN301000 | Engineering LNTP | 0 | 0 | 28JUL08A | |
| EN301010 | Electrical One Line Design | 44 | 0 | 28JUL08A | 21NOV08A |
| EN301030 | Water Balance Design | 66 | 0 | 28JUL08A | 02OCT08A |



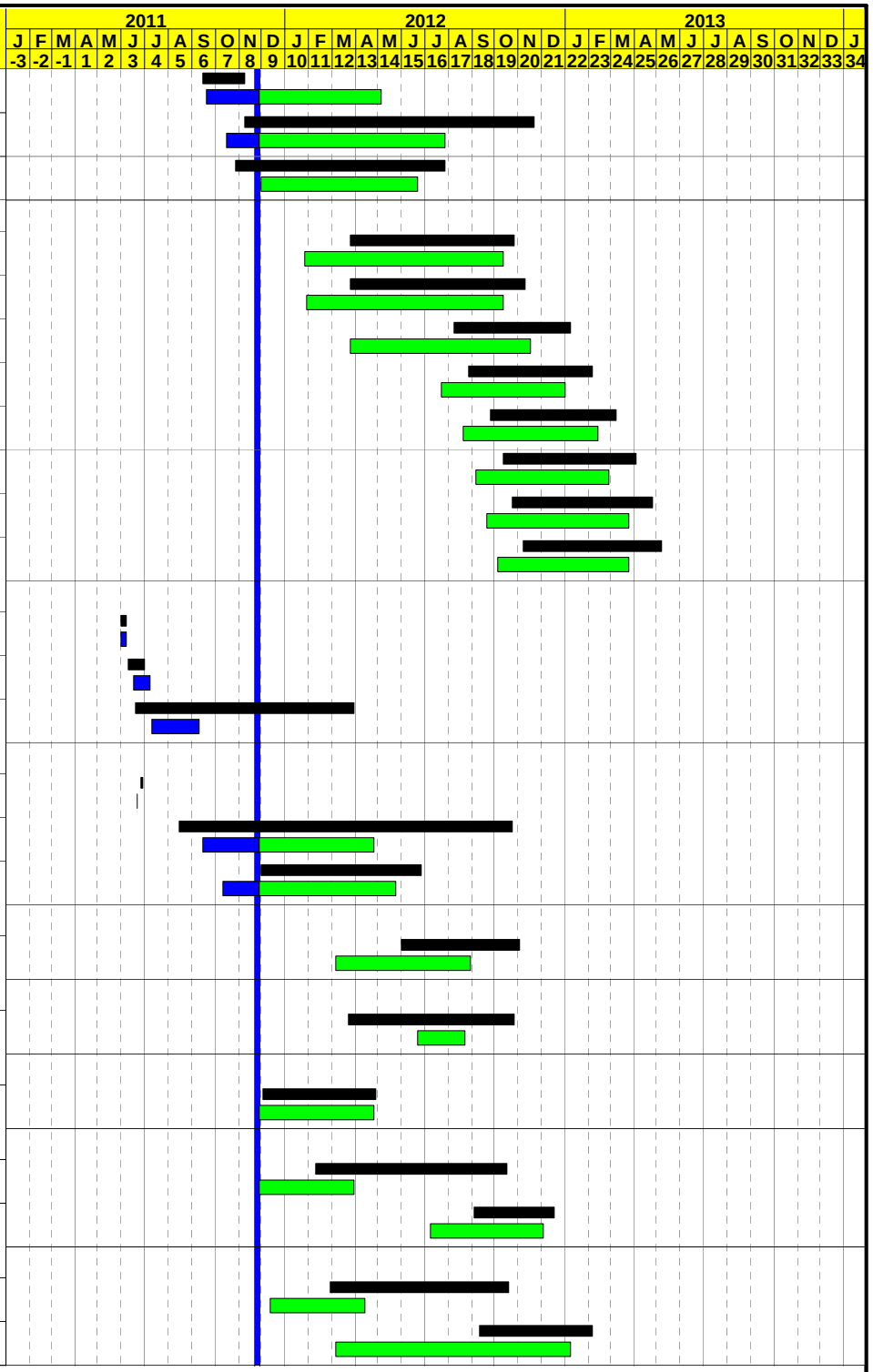
| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| EN301031 | P&ID Design | 88 | 0 | 12AUG08A | 04OCT08A |
| EN301001 | Engineering Suspension Release (NTP) | 0 | 0 | 14FEB11A | |
| *MM Concrete Foundations Drawings* | | | | | |
| EN301060 | Foundation Design (GTG's & Ancillaries) | 77* | 0* | 16MAY11A | 02SEP11A |
| *MM Mechanical Documents* | | | | | |
| EN301080 | Piping Under Ground Utilities Design | 103* | 0* | 18MAY11A | 13OCT11A |
| EN301100 | Piping Above Grade Design | 97* | 80* | 01NOV11A | 22MAR12 |
| *MM Mechanical Specifications* | | | | | |
| EN301041 | Equipment Specification Exhaust System | 41 | 0 | 28JUL08A | 26SEP08A |
| EN301046 | Equipment Specification Cooling Towers | 71* | 0* | 09MAR11A | 17JUN11A |
| *MM Electrical Documents* | | | | | |
| EN301070 | Electrical Under Ground Utilities Design | 127* | 0* | 20MAY11A | 18NOV11A |
| EN301090 | Electrical Above Grade Design | 146* | 98* | 19SEP11A | 17APR12 |
| *MM Switch Yard Specifications* | | | | | |
| EN301021 | Equipment Specification / Design Switch Yard | 111* | 0* | 16MAY11A | 21OCT11A |
| **Gemma Power Systems** | | | | | |
| *GE Equipment Delivery* | | | | | |
| 1110 | Start Ship - Complete Del GTG Unit 1 Package | 167 | 167 | 03DEC11 | 17MAY12 |
| 1120 | Start Ship - Complete Del GTG Unit 2 Package | 185 | 185 | 03DEC11 | 04JUN12 |
| 1130 | Start Ship - Complete Del GTG Unit 3 Package | 209 | 209 | 03DEC11 | 28JUN12 |
| 1111 | Receive GTG BOP Package Eq & Piping Unit 1 | 0 | 0 | | 26JAN12 |
| 1112 | Receive GTG Unit 1 | 0 | 0 | | 26JAN12 |
| 1121 | Receive GTG BOP Package Eq & Piping Unit 2 | 0 | 0 | | 03FEB12 |
| 1122 | Receive GTG Unit 2 | 0 | 0 | | 03FEB12 |
| 1113 | Receive Generator Unit 1 | 0 | 0 | | 04MAR12 |
| 1131 | Receive GTG BOP Package Eq & Piping Unit 3 | 0 | 0 | | 25MAR12 |
| 1132 | Receive GTG Unit 3 | 0 | 0 | | 25MAR12 |
| 1123 | Receive Generator Unit 2 | 0 | 0 | | 04JUN12 |
| 1133 | Receive Generator Unit 3 | 0 | 0 | | 28JUN12 |
| 1140 | Start Ship - Complete Del GTG Unit 4 Package | 105 | 105 | 03JUL12 | 15OCT12 |
| 1141 | Receive GTG BOP Package Eq & Piping Unit 4 | 0 | 0 | | 23JUL12 |
| 1142 | Receive GTG Unit 4 | 0 | 0 | | 23JUL12 |



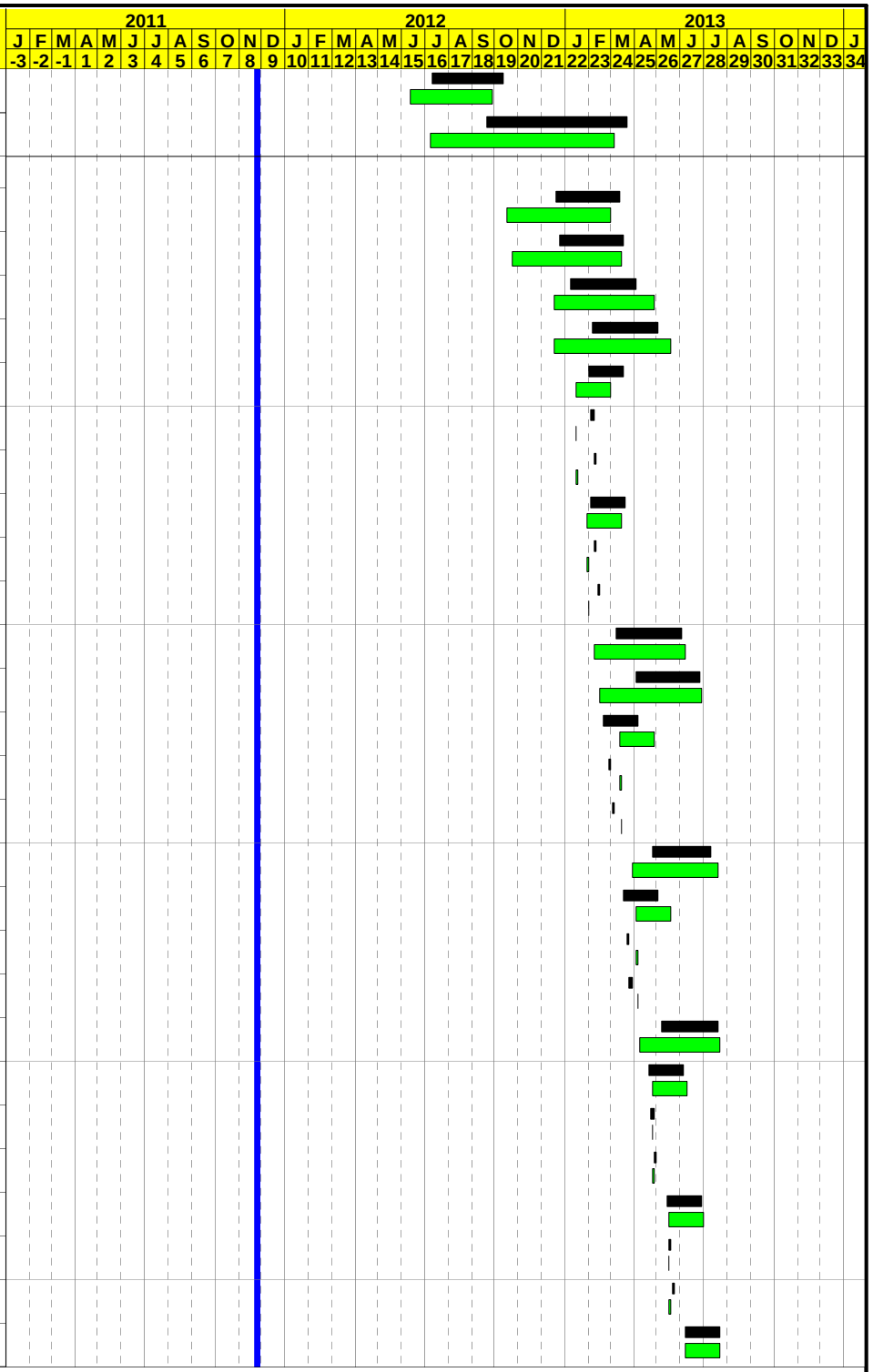
| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| 1150 | Start Ship - Complete Del GTG Unit 5 Package | 105 | 105 | 31JUL12 | 12NOV12 |
| 1160 | Start Ship - Complete Del GTG Unit 6 Package | 105 | 105 | 16AUG12 | 28NOV12 |
| 1151 | Receive GTG BOP Package Eq & Piping Unit 5 | 0 | 0 | | 20AUG12 |
| 1152 | Receive GTG Unit 5 | 0 | 0 | | 20AUG12 |
| 1170 | Start Ship - Complete Del GTG Unit 7 Package | 105 | 105 | 30AUG12 | 12DEC12 |
| 1161 | Receive GTG BOP Package Eq & Piping Unit 6 | 0 | 0 | | 05SEP12 |
| 1162 | Receive GTG Unit 6 | 0 | 0 | | 05SEP12 |
| 1180 | Start Ship - Complete Del GTG Unit 8 Package | 105 | 105 | 13SEP12 | 26DEC12 |
| 1171 | Receive GTG BOP Package Eq & Piping Unit 7 | 0 | 0 | | 19SEP12 |
| 1172 | Receive GTG Unit 7 | 0 | 0 | | 19SEP12 |
| 1181 | Receive GTG BOP Package Eq & Piping Unit 8 | 0 | 0 | | 03OCT12 |
| 1182 | Receive GTG Unit 8 | 0 | 0 | | 03OCT12 |
| 1143 | Receive Generator Unit 4 | 0 | 0 | | 15OCT12 |
| 1153 | Receive Generator Unit 5 | 0 | 0 | | 12NOV12 |
| 1163 | Receive Generator Unit 6 | 0 | 0 | | 28NOV12 |
| 1173 | Receive Generator Unit 7 | 0 | 0 | | 12DEC12 |
| 1183 | Receive Generator Unit 8 | 0 | 0 | | 26DEC12 |
| ***CEC / CBO Submittals*** | | | | | |
| CN1900 | CEC 90 Day Pre-Construction Submittals | 0 | 0 | 18MAR11A | |
| CN1910 | CEC 60 Day Pre-Construction Submittals | 0 | 0 | 15APR11A | |
| CN1920 | CEC 30 Day Pre-Construction Submittals | 0 | 0 | 06MAY11A | |
| ***Procurement*** | | | | | |
| PR510100 | Exhaust Equipment RFP | 34* | 0* | 15FEB11A | 04APR11A |
| PR520100 | Long Lead Transformers RFP | 35* | 0* | 21MAR11A | 06MAY11A |
| PR510101 | Exhaust Equipment Vendor Engineering | 58* | 0* | 05APR11A | 27JUN11A |
| PR520101 | Long Lead Transfr Vendor Engineering | 73* | 0* | 09MAY11A | 22AUG11A |
| PR331201 | Switch Yard RFP | 64* | 0* | 20JUN11A | 19SEP11A |
| PR510000 | Exhaust Equipment Fabrication | 298* | 192* | 27JUN11A | 29AUG12 |
| PR520000 | Long Lead Transformers Fabrication | 325* | 259* | 23AUG11A | 05DEC12 |
| PR510050 | BOP Mechanical Equipment Fabrication | 175* | 118* | 06SEP11A | 15MAY12 |



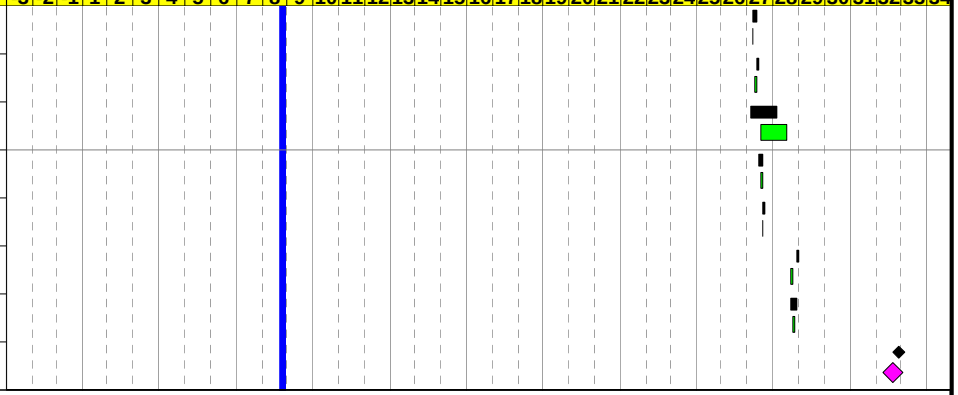
| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| PR331202 | Switch Yard Vendor Engineering | 158* | 111* | 20SEP11A | 04MAY12 |
| PR331203 | Switch Yard Fabrication | 196 | 168 | 17OCT11A | 26JUL12 |
| PR520010 | BOP Electrical Equipment Fabrication | 142* | 142* | 30NOV11 | 21JUN12 |
| ***Unit Construction Overview*** | | | | | |
| CN313101 | GTG & Ancl Unit 1 Erection Mech, Elect, & Piping | 165* | 165* | 27JAN12 | 11OCT12 |
| CN313102 | GTG & Ancl Unit 2 Erection Mech, Elect, & Piping | 164* | 164* | 30JAN12 | 11OCT12 |
| CN313103 | GTG & Ancl Unit 3 Erection Mech, Elect, & Piping | 152* | 152* | 26MAR12 | 15NOV12 |
| CN313104 | GTG & Ancl Unit 4 Erection Mech, Elect, & Piping | 102* | 102* | 24JUL12 | 31DEC12 |
| CN313105 | GTG & Ancl Unit 5 Erection Mech, Elect, & Piping | 111* | 111* | 21AUG12 | 12FEB13 |
| CN313106 | GTG & Ancl Unit 6 Erection Mech, Elect, & Piping | 108* | 108* | 06SEP12 | 25FEB13 |
| CN313107 | GTG & Ancl Unit 7 Erection Mech, Elect, & Piping | 117* | 117* | 20SEP12 | 25MAR13 |
| CN313108 | GTG & Ancl Unit 8 Erection Mech, Elect, & Piping | 108* | 108* | 04OCT12 | 25MAR13 |
| ***Civil Site Work*** | | | | | |
| CN2000 | Site Mobilization | 5 | 0 | 01JUN11A | 06JUN11A |
| CN340100 | Soil Erosion & Control Implementation | 14 | 0 | 16JUN11A | 08JUL11A |
| CN340110 | Mass Site Excavation | 180 | 0 | 11JUL11A | 09SEP11A |
| ***Foundation Construction*** | | | | | |
| CN34201008 | Install Foundation Block Fire Pump | 2 | 0 | 21JUN11A | 21JUN11A |
| CN3419 | Foundation Construction Units 1 - 8 | 142* | 96* | 15SEP11A | 26APR12 |
| CN342090 | Foundation Construction BOP | 122* | 97* | 12OCT11A | 23MAY12 |
| ***Buildings*** | | | | | |
| CN343500 | Administration Building Erection | 125 | 125 | 07MAR12 | 30AUG12 |
| ***Mechanical*** | | | | | |
| CN313090 | Mechanical Equipment Erection BOP | 38* | 38* | 22JUN12 | 23AUG12 |
| ***Tanks Field Erected*** | | | | | |
| CN325500 | Field Erected Tanks Installation | 87* | 87* | 28NOV11 | 24APR12 |
| ***Piping*** | | | | | |
| CN310100 | Install Under Ground Mechanical Utilities | 78* | 78* | 28NOV11 | 29MAR12 |
| CN311090 | Piping Installation BOP | 95* | 95* | 09JUL12 | 03DEC12 |
| ***Electrical*** | | | | | |
| CN330100 | Under Ground Electrical Utilities | 85* | 85* | 12DEC11 | 12APR12 |
| CN331200 | Switch Yard Erection | 212 | 212 | 07MAR12 | 08JAN13 |



| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| CN330190 | Electrical Equipment BOP | 69* | 69* | 12JUN12 | 27SEP12 |
| CN331090 | Electrical Conduit, Cable, Terms BOP | 153* | 153* | 09JUL12 | 06MAR13 |
| *Start Up* | | | | | |
| CN7101 | Cold, Hot Commission & Performance Test Unit 1 | 117* | 117* | 16OCT12 | 28FEB13 |
| CN7102 | Cold, Hot Commission & Performance Test Unit 2 | 122* | 122* | 25OCT12 | 15MAR13 |
| CN7103 | Cold, Hot Commission & Performance Test Unit 3 | 113* | 113* | 17DEC12 | 26APR13 |
| CN7104 | Cold, Hot Commission & Performance Test Unit 4 | 131* | 131* | 17DEC12 | 17MAY13 |
| CN3701 | Seller Access Days Unit 1 | 45 | 45 | 15JAN13 | 28FEB13 |
| CN710109 | First Fire & FSNL GTG Unit 1 Package | 1 | 1 | 15JAN13 | 15JAN13 |
| CN710111 | Sync Generator, AVR, Loads GTG Unit 1 Package | 1 | 1 | 16JAN13 | 16JAN13 |
| CN3702 | Seller Access Days Unit 2 | 45 | 45 | 30JAN13 | 15MAR13 |
| CN710119 | First Fire & FSNL GTG Unit 2 Package | 1 | 1 | 30JAN13 | 30JAN13 |
| CN710121 | Sync Generator, AVR, Loads GTG Unit 2 Package | 1 | 1 | 31JAN13 | 31JAN13 |
| CN7105 | Cold, Hot Commission & Performance Test Unit 5 | 104* | 104* | 07FEB13 | 07JUN13 |
| CN7106 | Cold, Hot Commission & Performance Test Unit 6 | 115* | 115* | 15FEB13 | 28JUN13 |
| CN3703 | Seller Access Days Unit 3 | 45 | 45 | 14MAR13 | 27APR13 |
| CN710129 | First Fire & FSNL GTG Unit 3 Package | 1 | 1 | 14MAR13 | 14MAR13 |
| CN710131 | Sync Generator, AVR, Loads GTG Unit 3 Package | 1 | 1 | 15MAR13 | 15MAR13 |
| CN7107 | Cold, Hot Commission & Performance Test Unit 7 | 97* | 97* | 29MAR13 | 19JUL13 |
| CN3704 | Seller Access Days Unit 4 | 45 | 45 | 04APR13 | 18MAY13 |
| CN710139 | First Fire & FSNL GTG Unit 4 Package | 1 | 1 | 04APR13 | 04APR13 |
| CN710141 | Sync Generator, AVR, Loads GTG Unit 4 Package | 1 | 1 | 05APR13 | 05APR13 |
| CN7108 | Cold, Hot Commission & Performance Test Unit 8 | 91* | 91* | 08APR13 | 22JUL13 |
| CN3705 | Seller Access Days Unit 5 | 45 | 45 | 25APR13 | 08JUN13 |
| CN710149 | First Fire & FSNL GTG Unit 5 Package | 1 | 1 | 25APR13 | 25APR13 |
| CN710151 | Sync Generator, AVR, Loads GTG Unit 5 Package | 1 | 1 | 26APR13 | 26APR13 |
| CN3706 | Seller Access Days Unit 6 | 45 | 45 | 16MAY13 | 29JUN13 |
| CN710159 | First Fire & FSNL GTG Unit 6 Package | 1 | 1 | 16MAY13 | 16MAY13 |
| CN710161 | Sync Generator, AVR, Loads GTG Unit 6 Package | 1 | 1 | 17MAY13 | 17MAY13 |
| CN3707 | Seller Access Days Unit 7 | 45 | 45 | 07JUN13 | 21JUL13 |



| Activity ID | Activity Description | Orig Dur | Rem Dur | Early Start | Early Finish |
|---|---|---|---|---|---|
| CN710169 | First Fire & FSNL GTG Unit 7 Package | 1 | 1 | 07JUN13 | 07JUN13 |
| CN710171 | Sync Generator, AVR, Loads GTG Unit 7 Package | 1 | 1 | 10JUN13 | 10JUN13 |
| CN3708 | Seller Access Days Unit 8 | 30 | 30 | 17JUN13 | 16JUL13 |
| CN710179 | First Fire & FSNL GTG Unit 8 Package | 1 | 1 | 17JUN13 | 17JUN13 |
| CN710181 | Sync Generator, AVR, Loads GTG Unit 8 Package | 1 | 1 | 18JUN13 | 18JUN13 |
| CN710291 | All 8 Units 24-Hour Reliability Test | 1 | 1 | 23JUL13 | 23JUL13 |
| CN710290 | Facility Auxiliary Load Test | 1 | 1 | 25JUL13 | 25JUL13 |
| CN2812 | Final Completion | 0 | 0 | | 20NOV13 |



# APPENDIX A
# Key Events List &
# CEC Compliance Matrix

# KEY EVENT LIST

**PROJECT:** CPV Sentinel Energy Project **DATE ENTERED**: 12/6/2011
**DOCKET #:** 07-AFC-3C
**Compliance PROJECT MANAGER**: Dale Rundquist/Felicia Miller

| Event Description | Date Assigned |
|---|---|
| Certification Date | 1 Dec 2010 |
| Obtain Site Control | 1 Jun 2010 |
| Online Date | 1 Aug 2013 |
| **Power Plant Site Activities** | |
| Start of Site Mobilization | 1 Jun 2011 |
| Start Ground Disturbance | 1 Jun 2011 |
| Start Grading | 1 Jun 2011 |
| Start Construction | 1 Jun 2011 |
| Begin Pouring Major Foundation Concrete | 12 Sep 2011 |
| Begin Installation of Major Equipment | 13 Mar 2012 |
| Completion of Installation of Major Equipment | 6 Jun 2013 |
| First Combustion of Gas Turbine | on or about 1 Feb 2013 |
| Obtain Building Occupation Permit | TBD |
| Start Commercial Operation | 1 Aug 2013 |
| Complete All Construction | 29 Nov 2013 |
| **Transmission Line Activities** | |
| Start T/L Construction | Mar 2012 |
| Synchronization with Grid and Interconnection | Jan 2013 |
| Complete T/L | May 2013 |
| **Fuel Supply Line Activities** | |
| Start Gas Pipeline Construction and Interconnection | Dec 2011 |
| Complete Gas Pipeline Construction | Sep 2012 |
| **Water Supply Activities** | |
| Start of Water Supply Construction | Aug 2011 |
| Complete Water Supply Construction | Feb 2012 |

# Compliance Matrix for CPV Sentinel Project

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
|---|---|---|---|---|---|---|---|---|---|
| **AQ-12** | CON | 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. The ammonia injection system shall be placed in full operation as soon as the minimum temperature is reached. The minimum temperature is listed as 540 degrees F at the inlet to the SCR reactor. 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. | The project owner shall submit to the CPM no less than 30 days after installation, 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. The project owner shall submit annual calibration results within 30 days of their successful completion. | No less than 30 days after installation - and - submit annual calibration results within 30 days of their successful completion. | 04/23/12 | | | | |
| **AQ-13** | CON | The operator shall install and maintain a temperature gauge and recorder to accurately indicate and record the temperature in the exhaust at 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. The catalyst temperature range shall remain between 740 degree F and 840 degree F. The catalyst temperature shall not exceed 840 degrees F. The temperature range requirement of this condition does not apply during startup operations of the turbine.<br>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. | The project owner shall submit to the CPM no less than 30 days after installation, 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. The project owner shall submit annual calibration results within 30 days of their successful completion. | No less than 30 days after installation - and - submit annual calibration results within 30 days of their successful completion. | 04/13/12 | | | | |
| **AQ-14** | CON | 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. The pressure drop across the catalyst shall not exceed 12 inches of water column during the start-up period. 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. | The project owner shall submit to the CPM no less than 30 days after installation, a written statement by a California registered Professional Engineer stating<br>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. The project owner shall submit annual calibration results within 30 days of their successful completion. | No less than 30 days after installation - and - submit annual calibration results within 30 days of their successful completion. | 04/13/12 | | | | |
| **AQ-SC3** | CON | Construction Fugitive Dust Control: The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report that demonstrates compliance with the Air Quality Construction Mitigation Plan (AQCMP) mitigation measures for the purposes of minimizing fugitive dust emission creation from construction activities and preventing all fugitive dust plumes from leaving the project. Any deviation from the AQCMP mitigation measures shall require prior CPM notification and approval. | The AQCMM shall provide the CPM a Monthly Compliance Report (COMPLIANCE-6) to demonstrate control of fugitive dust emissions. | Monthly | Monthly | | | | On-going |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
|---|---|---|---|---|---|---|---|---|---|
| **AQ-SC4** | CON | Dust Plume Response Requirement: The AQCMM or an AQCMM Delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported (A) off the project site and within 400 feet upwind of any regularly occupied structures not owned by the project owner or (B) 200 feet beyond the centerline of the construction of linear facilities indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMP shall include a section detailing how the additional mitigation measures will be accomplished within the time limits specified. The AQCMM or Delegate shall implement procedures for additional mitigation measures in the event that such visible dust plumes are observed. | The AQCMM shall provide the CPM a Monthly Compliance Report (COMPLIANCE-6). | Monthly | Monthly | | | | On-going |
| **AQ-SC5** | CON | Diesel-Fueled Engine Control: The AQCMM shall submit to the CPM, in the Monthly Compliance Report, a construction mitigation report that demonstrates compliance with the AQCMP mitigation measures for purposes of controlling diesel construction-related emissions. Any deviation from the AQCMP mitigation measures shall require prior and CPM notification and approval. | The AQCMM shall include in the Monthly Compliance Report (COMPLIANCE-6) information that demonstrates control of diesel construction-related emissions. | Monthly | Monthly | | | | On-going |
| **AQ-SC6** | CON | The project owner, when obtaining dedicated on-road or off-road vehicles for facility maintenance activities, shall only obtain new model year vehicles that meet California on-road vehicle emission standards or appropriate U.S.EPA/California offroad engine emission standards for the model year when obtained. | At least 60 days prior to the start commercial operation, the project owner shall submit to the CPM a copy of the plan that identifies the size and type of the on-site vehicle and equipment fleet and the vehicle and equipment purchase orders and contracts and/or purchase schedule. The plan shall be updated every other year and submitted in the Annual Compliance Report (COMPLIANCE-7). | At least 60 days prior to the start commercial operation with updates every other year. | 05/15/13 | | | | |
| **AQ-SC7** | CON | The project owner shall provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) documents for the facility.<br>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. Environmental Protection Agency (U.S. EPA), and any revised permit issued by the District or U.S. EPA, for the project. | The project owner shall submit any ATC, PTO, and proposed air permit modifications to the CPM within 15 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. | As Required. Within 5 working days of submittal. All modified air permits within 15 days of receipt. | As Required | 4/20/2011 | 5/6/2011 | 4/20/2011 | On-going |
| **BIO-1.2** | CON | Replacement Designated Biologist - The project owner shall assign a Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least 3 references and contact information, to the ECC Project Manager (CPM) for approval. | If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least 10 working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration. | As Required | As Required | | | | As Required |

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| **BIO-10.2** | CON | The project owner shall conduct follow-up surveys to the protocol level surveys conducted in 2007 and 2008 by xeric Specialties to determine the presence of the Coachella Valley milk-vetch and the Triple-ribbed milk-vetch and implement the appropriate measures to minimize impacts if detected: 2. If either target species or another federally or State listed plant species is detected in the project area then the project owner shall be required to obtain a Biological Opinion (ESA Section 10) and/or a CESA Section 2081 Letter of Concurrence to determine appropriate mitigation for impacts | The project owner shall report to the CPM the results of the surveys and whether coverage under the CVMSHCP or a Biological Opinion (ESA Section 10) and/or a CESA Section 2081 Letter of Concurrence are required as soon as possible. At least 60 days prior to start of any project-related ground disturbance activities, the project owner shall provide the CPM final version of the BRMIMP, which includes rare/listed plant survey results to date and any necessary impact avoidance measures. Results for all protocol surveys conducted after the final version of the BRMIMP is complete shall be as a supplement to the CPM. All modifications to the approved BRMIMP shall be made only after consultation with the CPM and CDFG. The project owner shall notify the CPM five working days before implementing any modications to the BRMIMP. | Results of the surveys and whether coverage under the CVMSHCP or a Biological Opinion (ESA Section 10) and/or a CESA Section 2081 Letter of Concurrence are required as soon as possible. At least 60 days prior to start of any project-related ground disturbance activities, the project owner shall provide the CPM final version of the BRMIMP. | As Required | | | | | As Required |

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| **BIO-11.2** | CON | The project owner shall implement the following measures to identify the presence and avoid or minimize impacts to burrowing owls and other nesting birds:<br>1. A qualified biologist shall conduct survey for burrowing owl activities in the project area, including the power plant site, the linear facilities (e.g. natural gas lines), and a 150 meter (approximately 500 feet) buffer (where possible and appropriate based on the habitat). The survey should follow the protocol outlined in the CDFG Staff Report on Burrowing Owl Mitigation (1995). | All modifications to the approved BRMIMP must be made only after consultation with the CPM and other appropriate agencies. The project owner shall notify the CPM five working days before implementing any modifications to the BRMIMP. | 5 working days before implementing any modifications to the BRMIMP | As Required | | | | As Required |
| **BIO-11.3** | CON | The project owner shall implement the following measures to identify the presence and avoid or minimize impacts to burrowing owls and other nesting birds:<br>3. If initial ground disturbance is to occur during the breeding season, complete a pre-construction survey for nesting birds on the project site and/or linear facilities no less than 30 days prior to the start of ground disturbance activities. This survey can occur in conjunction with the burrowing owl surveys. | At least 60 days prior to start of any project-related ground disturbance activities, the project owner shall provide the CPM with the final version of the BRMIMP, which includes burrowing owl/nesting bird survey results to date and any necessary impact avoidance measures. Results for all protocol surveys conducted after the final version of the BRMIMP is complete shall be submitted as a supplement to the CPM. All modifications to the approved BRMIMP must be made only after consultation with the CPM and other appropriate agencies. The project owner shall notify the CPM five working days before implementing any modifications to the BRMIMP. | At least 60 days prior to start of any project-related ground disturbance activities. 5 working days before implementing any modifications to the BRMIMP | 05/02/11 | 3/30/2011 | 4/29/2011 | 5/10/2011 | CEC Approved |
| **BIO-2.1** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>1. Advise the project owner's Construction and Operation Managers on the implementation of the biological resources Conditions of Certification; | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |
| **BIO-2.2** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>2. Consult on the preparation of the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), to be submitted by the project owner | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |
| **BIO-2.3** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>3. Be available to supervise, conduct and coordinate mitigation, monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources, such as special status species or their habitat; | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |

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| **BIO-2.4** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>4. Clearly mark sensitive biological resource areas, if present and inspect these areas at appropriate intervals for compliance with regulatory terms and conditions; | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |
| **BIO-2.5** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>5. Inspect active construction areas where animals may have become trapped prior to construction commencing each day. At the end of the day, inspect for the installation of structures that prevent entrapment or allow escape during periods of construction inactivity. Periodically inspect areas with high vehicle activity (i.e. parking lots) for animals in harm's way; | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |
| **BIO-2.6** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>6. Notify the project owner and the CPM of any non-compliance with any biological resources Condition of Certification; | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |
| **BIO-2.7** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>7. Respond directly to inquiries of the CPM regarding biological resource issues; | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |
| **BIO-2.8** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>8. Maintain written records of the tasks specified above and those included in the BRMIMP. Summaries of these records shall be submitted in the Monthly Compliance Report and the Annual Report; | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |

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| **BIO-2.9** | CON | The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.<br>9. Train the Biological Monitors as appropriate, and ensure their familiarity with the BRMIMP, Worker Environmental Awareness Program (WEAP) training and all permits. | The Designated Biologist shall submit in the Monthly Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities. If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are ceased as approved by the CPM. | Monthly | Monthly | | | | On-going |
| **BIO-4.1** | CON | The project owner's Construction/ Operation Manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources Conditions of Certification. If required by the Designated Biologist and Biological Monitor(s) the project owner's Construction/Operation Manager shall halt all site activities in areas specified by the Designated Biologist. The Designated Biologist shall:<br>1. Require a halt to all activities in any area when determined that there would be an unauthorized adverse impact to biological resources if the activities continued; | The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made. | As necessary - no later than the following morning of the incident, or Monday morning in the case of a weekend. Determination of success of corrective action within 5 working days of completion of action | As Required | | | | |
| **BIO-4.2** | CON | The Designated Biologist shall:<br>2. Inform the project owner and the Construction/Operation Manager when to<br>resume activities; | The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made. | As necessary - no later than the following morning of the incident, or Monday morning in the case of a weekend. Determination of success of corrective action within 5 working days of completion of action | As Required | | | | As Required |
| **BIO-4.3** | CON | The Designated Biologist shall:<br>3. Notify the CPM if there is a halt of any activities, and advise the CPM of any corrective actions that have been taken, or will be instituted, as a result of the work stoppage. | The project owner shall ensure that the Designated Biologist or Biological Monitor notifies the CPM immediately of any non-compliance or a halt of any site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within five working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made. | As necessary - no later than the following morning of the incident, or Monday morning in the case of a weekend. Determination of success of corrective action within 5 working days of completion of action | As Required | | | | As Required |

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| **BIO-5.2** | CON | Each of the employees, as well as employees of contractors and subcontractors who work on the project site or any related facilities during site mobilization, ground disturbance, grading, construction, operation, and closure are informed about sensitive biological resources associated with the project. | The project owner shall provide in the Monthly Compliance Reoprt the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date. At least 10 days prior to site and related facilities mobilization, two copies of the CPM-approved materials shall be submitted. Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least six months after the start of commercial op During project operation, signed statements for operational personnel shall be kept on file employment. At least 60 days prior to the start of any site (or related facilities) the project owner shall provide in the Monthly Compliance Report the number of eration. for six months following the termination of an individual's mobilization, the project owner shall provide to the CPM (for review and approval) the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program. The project owner s persons who have completed the training in the prior month and a running total of all persons who have completed the training to date. At least 10 days prior to site and related facilities mobilization, two copies of the CPM-approved materials shall be submitted. Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least six months after the start of commercial op During project operation, signed statements for operational personnel shall be kept on file employment. | Monthly. At least 10 days prior to site and related facilities mobilization, two copies of the CPM-approved materials shall be submitted. | Monthly | | | | On-going |
| **BIO-7.1** | CON | Any time the project owner modifies or finalizes the project design they shall<br>incorporate all feasible measures that avoid or minimize impacts to the local<br>biological resources, including the following:<br>1. Design, install and maintain gas transmission lines, potable water lines,,<br>access roads, and storage and parking areas to avoid identified sensitive<br>resources; | All mitigation measures and their implementation methods shall be<br>included in the BRMIMP. Implementation of the measures will be reported in the<br>Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly | Monthly | | | | On-going |
| **BIO-7.2** | CON | Any time the project owner modifies or finalizes the project design they shall<br>incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following:<br>2. Design, install, and maintain the transmission line from CPVS to SCE Devers Substation and all other electrical components if necessary in accordance with the Avian Power Line Interaction Committee (APLIC), Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 2006 to reduce the likelihood of electrocutions of large birds; | All mitigation measures and their implementation methods shall be<br>included in the BRMIMP. Implementation of the measures will be reported in the<br>Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly | Monthly | | | | On-going |

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| **BIO-7.3** | CON | Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 3. Design, install, and maintain structures and supports to prevent common raven (Corvus corax) nesting. Destroy nests that are established prior to egg laying and the modify the location to prevent future nest establishment (modified from applicant's Mitigation Measure Bio-9); | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly | Monthly | | | | On-going |
| **BIO-7.4** | CON | Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 4. Install silt fencing buried 1-foot deep and attached to a chain-link fence prior to construction to keep burrowing animals from easily tunneling into the site. Examine the fencing at least once a week and repair when necessary. Maintain the fencing until construction is complete (modified from applicant's Mitigation Measure Bio-10); | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Report - Monthly Silt Fence must be completed 2 weeks prior to construction start. | 06/08/11 | 6/8/2011 | 6/8/2011 | 6/8/2011 | On-going |
| **BIO-7.5** | CON | Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 5. Following installation of silt fence and prior to ground disturbance, conduct small mammal trapping for five nights in order to capture and relocate as many small mammals from within the project area as possible. Set traps near sign, burrows, or tracks at dusk each day and check at midnight or no later than dawn the next day to ensure no unnecessary deaths occur (modified from applicant's Mitigation Measure Bio-11); | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Report - Monthly Trapping to be completed immediately after silt fence is installed and prior to construction start. | 06/08/11 | 6/8/2011 | 6/8/2011 | 6/8/2011 | On-going |
| **BIO-7.6** | CON | Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 6. Eliminate any California Exotic Pest Plants of Concern (CalEPPC) List A species or plant species identified on Table 4-113 (Prohibited Invasive Plant Species) of the CVMSHCP from reseeding areas following temporary disturbance or from landscaping plans (integrated applicant's Mitigation Measure Bio-8); | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly | Monthly | | | | On-going |
| **BIO-7.7** | CON | Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resources, including the following: 7. Prescribe a road sealant that is non-toxic to wildlife and plants; | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly | Monthly | | | | On-going |

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| **BIO-7.8** | CON | Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the localbiological resources, including the following: 8. Design, install, and maintain facility lighting to prevent side casting of light towards wildlife habitat. | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly | Monthly | | | | On-going |
| **BIO-7.9** | CON | Any time the project owner modifies or finalizes the project design they shall incorporate all feasible measures that avoid or minimize impacts to the local biological resource | The project owner shall provide to the CPM for review and approval a written construction termination report identifying how measures have been completed. | Within thirty (30) days after completion of project construction | 12/31/13 | | | | Not Started |
| **BIO-8.1** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 1. Install temporary fencing and provide wildlife escape ramps for construction areas that contain steep walled holes or trenches if outside of an approved, permanent exclusionary fence. The temporary fence shall be hardware cloth or similar materials that are approved by USFWS. Before such holes or trenches are filled, they should be thoroughly inspected for trapped animals by the Designated Biologist or Biological Monitor; | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |
| **BIO-8.2** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 2. Make certain all food-related trash is disposed of in closed containers and removed at least once a week; | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |
| **BIO-8.3** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 3. Prohibit feeding of wildlife by staff and subcontractors; | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |
| **BIO-8.4** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources: 4. Prohibit non-security related firearms or weapons from being brought to the site; | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
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| **BIO-8.5** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources:<br>5. Prohibit pets from being brought to the site; | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |
| **BIO-8.6** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources:<br>6. Report all inadvertent deaths of sensitive species to the appropriate project representative. Injured animals shall be reported to CDFG or USFWS and the project owner shall follow instructions that are provided by CDFG or USFWS; | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |
| **BIO-8.7** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources:<br>7. Minimize use of rodenticides in the project area | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |
| **BIO-8.8** | CON | The project owner shall implement the following measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to the local biological resources:<br>8. Prohibit vehicles and personnel from entering sensitive habitats. | All mitigation measures and their implementation methods shall be included in the BRMIMP. Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist. Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed. | Monthly. Within 30 days after completion of project construction, a written construction termination report | Monthly | | | | On-going |

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| **CIVIL-2** | CON | 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. 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 | The project owner shall notify the CPM within 24 hours when earthwork and construction are stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval. | Within 24 hours | As Required | | | | As Required |
| **CIVIL-3** | CON | The project owner shall perform inspections in accordance with the 2007 CBC, Appendix Chapter 1, section 109, Inspections, and Chapter 17, section 1704, Special Inspections. All plant site grading operations for which a grading permit is required shall be subject to inspection by the CBO.<br><br>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, the CBO, and the CPM (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action. | Within five days of the discovery of any discrepancies, the 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. A list of NCRs for the reporting month shall also be included in the following monthly compliance report. | NCR - Within five days of the discovery of any discrepancies. Within five days of resolution of the NCR, details of the corrective action | As Required | | | | Not Started |
| **CIVIL-4** | CON | 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 | The project owner shall submit to the CBO, for review and approval the final<br>grading plans and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, along with a copy of the transmittal letter to the CPM. The project owner shall submit a copy of the CBO's approval to the CPM in the next monthly compliance report. | Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage<br>work | TBD | | | | Not Started |
| **COMPLIANCE-1** | CC | 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. | The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site. | Ongoing | On-going | | | | On-going |

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| **COMPLIANCE-10** | CC | Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints or concerns. If the telephone is not staffed 24-hours per day, it shall include automatic answering with date and time stamp recording. All recorded complaints shall be responded to within 24 hours. The telephone number shall be posted at the project site and made easily visible to passersby during construction and operation. The telephone number shall be provided to the CPM who will post it on the Energy Commission's web page. Any changes to the telephone number shall be submitted immediately to the CPM, who will update the web page. In addition to the monthly and annual compliance reporting requirements described above, the project owner shall report and provide copies to the CPM of all complaint forms, including noise and lighting complaints, notices of violation, notices of fines, official warnings, and citations, within 10 days of receipt. Complaints shall be logged and numbered. Noise complaints shall be recorded on the form provided in the NOISE conditions of certification. All other complaints shall be recorded on the complaint form. | The project owner shall report to the CPM, all notices, complaints, and citations. | Within 10 days of receipt | As Required | 5/2/2011 | | | As Required |
| **COMPLIANCE-11** | CC | 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 project owner shall submit a closure plan to the CPM | At least 12 months prior to commencement of a planned closure | TBD | | | | |
| **COMPLIANCE-13** | CC | 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. | To ensure that public health and safety and the environment are protected in the event of an unplanned permanent closure, the project owner shall submit an on-site contingency plan | No less than 60 days prior to commencement of commercial operation | 05/15/13 | | | | Not started |

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| **COMPLIANCE-14** | CC | 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. Both shall be filed as a "Petition to Amend." Staff will determine if the change is significant or insignificant. 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 project owner must petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility. | As needed | As Required | | | | As Required |
| **COMPLIANCE-2** | CC | For the life of the project, the project owner shall maintain project files on-site or at an alternative site approved by the CPM, unless a lesser period of time is specified by the conditions of certification. The files shall contain copies of all "as-built" drawings, all documents submitted as verification for conditions, and all other project-related documents. | The project owner shall maintain project files onsite. Energy Commission staff and delegate agencies shall be given unrestricted access to the files. | Ongoing | On-going | | | | On-going |
| **COMPLIANCE-3** | CC | 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. | The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether such condition was satisfied by work performed or the project owner or his agent. | Ongoing | On-going | | | | On-going |
| **COMPLIANCE-5** | CC | 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 project owner shall submit a compliance matrix with each monthly and annual compliance report. | Monthly | Monthly | | | | On-going |
| **COMPLIANCE-6** | CON | 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 the AFC number and an initial list of dates for each of the events identified on the Key Events List. | During construction, the project owner shall submit Monthly Compliance Reports (MCRs). The first MCR is due the month following the Energy Commission business meeting date on which the project was approved. | Monthly | Monthly | | | | On-going |
| **COMPLIANCE-8** | CC | 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 et. seq. | Any information the project owner deems confidential shall be submitted to the Energy Commission's Dockets Unit with a request for confidentiality. | Ongoing | On-going | | | | On-going |

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| **COMPLIANCE-9** | CC | Pursuant to the provisions of Section 25806(b) of the Public Resources Code, the project owner is required to pay an annual compliance fee, which is adjusted annually. The amount of the fee for FY2007-2008 was $17,676. The initial payment is due on the date the Energy Commission adopts the final decision. You will be notified of the amount due. 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. | Payment of Annual Energy Facility Compliance Fee | Annual | Annually | | | | On-going |
| **CUL-1.2** | CON | The project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternates, as needed. | The project owner shall submit the resume of the proposed new CRS to the CPM for review and approval. At the same time, the project owner shall also provide to the approved new CRS the AFC and all cultural documents, field notes, photographs, and other cultural materials generated by the project. If there is no alternate CRS in place to conduct the duties of the CRS, a previously approved monitor may serve in place of a CRS so that construction may continue up to a maximum of 3 days without a CRS. If cultural resources are discovered, then construction will remain halted until there is a CRS or alternate CRS to make a ecommendation regarding significance. | At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS | As Required | | | | As Required |
| **CUL-1.4** | CON | The project owner shall obtain the services of a Cultural Resources Specialist (CRS), and one or more alternates, as needed. | The resume(s) of any additional technical specialists shall be provided to the CPM for review and approval. | At least 10 days prior to beginning tasks | As Required | | | | As Required |
| **CUL-2.2** | CON | Prior to ground disturbance, if the CRS has not previously worked on the project, the Project Owner shall provide the CRS with copies of the AFC, data responses, and confidential cultural resources reports for the project. The Project Owner shall also provide the CRS and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities. Maps shall include the appropriate U.S. Geological Survey (USGS) quadrangles and a map at an appropriate scale (for example, 1:2000 or 1 inch = 200 feet) for plotting cultural features or materials. If the CRS requests enlargements or strip maps for linear facility routes, the Project Owner shall provide copies to the CRS and CPM. The CPM shall review submittals and, in consultation with the CRS, approve those that are appropriate for use in cultural resources planning activities. No ground disturbance shall occur prior to CPM approval of maps and drawings unless specifically approved by the CPM. | 2. If there are changes to any project related-footprint, revised maps and drawings shall be provided | at least 15 days prior to start of ground disturbance, and construction for those changes. | As Required | | | | As Required |
| **CUL-2.3** | CON | No preconstruction site activities shall occur prior to CPM approval of maps and drawings, unless specifically approved by the CPM. If construction of the project would proceed in phases, maps and drawings, not previously provided, shall be submitted prior to the start of each phase | If project construction is phased, if not previously provided, the project owner shall submit the subject maps and drawings | 15 days prior to each phase | As Required | | | | As Required |

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| **CUL-2.4** | CC | At a minimum, the CRS shall consult weekly with the project construction manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless specifically approved by the CPM. | A current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail, or fax. | On a weekly basis during ground disturbance | 06/01/11 | 5/3/2011 | 5/18/2011 | 5/12/2011 | On-going |
| **CUL-2.5** | CON | At a minimum, the CRS shall consult weekly with the project construction manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. The project owner shall notify the CRS and CPM of any changes to the scheduling of the construction phases. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless specifically approved by the CPM. | 5. The project owner shall provide written notice of any changes to scheduling of construction phase. | Within 5 days of identifying changes | As Required | | | | On-going |
| **CUL-4.1** | CON | The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM. | Within 90 days after completion of ground disturbance (including landscaping), the Project Owner shall submit the CRR to the Cultural Resources Specialist for the County of Riverside and the Chairpersons of all Native American groups that requested additional information on CPV Sentinel cultural resources. Sixty days thereafter, whether or not the county or Native Americans provide comments, the Project Owner shall submit the CRR and the comments, if any, to the CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix. | Within 90 days after completion of ground disturbance | TBD | | | | Not Started |

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| **CUL-4.2** | CON | The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM. | Within 90 days after completion of ground disturbance (including landscaping), the Project Owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the California State Historical Resources Commission's Guidelines for the curation of Archaeological Collections to accept cultural materials, if any, from this project. Any agreements concerning curation will be retained and available for audit for the life of the project. | Within 90 days after completion of ground disturbance | TBD | | | | Not Started |

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| **CUL-4.3** | CON | The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM. | Within 10 days after CPM approval, the Project Owner shall provide documentation to the CPM confirming that copies of the CRR have been provided to the SHPO, the CHRIS, and the curating institution if archaeological materials were collected. | Within 10 days after CPM approval | TBD | | | | Not Started |

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| **CUL-4.4** | CON | The Project Owner shall submit the Cultural Resources Report (CRR) to the County of Riverside, and to the Chairpersons of all Native American groups that requested additional information on the CVP Sentinel cultural resources, for review and comment. After the Project Owner has received comments from the County of Riverside and from the Native American Chairpersons, he/she shall submit the CRR and all received comments to the CPM for review and approval. The CRR shall be written by or under the direction of the CRS, shall be provided in the ARMR format, and shall conform to Riverside County's requirements for archaeological reports. The CRR shall report on all field activities including dates, times and locations, findings, samplings, and analyses. All survey reports, Department of Parks and Recreation (DPR) 523 forms, and additional research reports not previously submitted to the California Historic Resource Information System (CHRIS) and the State Historic Preservation Officer (SHPO) shall be included as an appendix to the CRR. If the Project Owner requests a suspension of construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request. If artifacts and documentation are to be curated, the Project Owner shall provide documentation for approval by the CPM. | Within 30 days after requesting a suspension of construction activities, the Project Owner shall submit a draft CRR to the CPM for review and approval. | Within 30 days after requesting a suspension of construction activities | TBD | | | | Not Started |
| **CUL-5.2** | CON | Prior to and for the duration of ground disturbance, the Project Owner shall provide Worker Environmental Awareness Program (WEAP) training to all new workers within their first week of employment. The training shall be prepared by the CRS, may be conducted by any member of the archaeological team, and may be presented in the form of a video. The CRS shall be available (by telephone or in person) to answer questions posed by employees. The training may be discontinued when ground disturbance is completed or suspended, but shall be resumed when ground disturbance, such as landscaping, resumes. | On a monthly basis, the Project Owner shall provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgement 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. | Monthly | Monthly | | | | On-going |
| **CUL-6.2** | CON | The research design in the CRMMP shall govern the collection, treatment, retention/disposal, and curation of any archaeological materials encountered. | 2. The CRS shall provide a statement that "no cultural resources over 50 years of age were discovered" to the CPM as an e-mail or in some other form acceptable to the CPM, except during suspension of monitoring or when monitoring has concluded. | Each day that no discoveries are made | Daily | | | | On-going |
| **CUL-6.3** | CON | On forms provided by the CPM, CRMs shall keep a daily log of any monitoring and other cultural resources activities and any instances of noncompliance with the Conditions and/or applicable LORS. | 3. 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 and made available for audit by the CPM. | Monthly while monitoring is ongoing | Monthly | | | | On-going |

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| **CUL-6.4** | CON | In the event that the CRS believes that the current level of monitoring is not appropriate in certain locations, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring. | 4. Documentation justifying the change shall be submitted to the CPM for review and approval. | At least 24 hours prior to implementing a proposed change in monitoring level | As Required | | | | On-going |
| **CUL-7.2** | CON | In the event cultural resources over 50 years of age or, if younger, considered exceptionally significant are found, or impacts to such resources can be anticipated, construction shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. Monitoring and daily reporting as provided in these conditions shall continue during all ground-disturbing activities wherever project construction is not halted. The halting or redirection of construction shall remain in effect until the CRS has visited the discovery and all of the required actions have occurred | 2. Completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval | No later than 24 hours following the notification of the CPM or 48 hours following the completion of data recordation/recovery, whichever the CRS concludes is more appropriate for the subject cultural resource. | As Required | | | | On-going |
| **CUL-8.1** | CON | If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are documented to and approved by the CPM, the CRS shall survey the borrow and/or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, all these conditions of certification shall apply. The CRS shall report on the methods and results of these surveys in the CRR. | 1. As soon as the project owner knows that a non-commercial borrow site and/or disposal site will be used, he/she shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval. | Immediately as necessary | As Required | | | | As Required |
| **CUL-8.2** | CON | If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are documented to and approved by the CPM, the CRS shall survey the borrow and/or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, all these conditions of certification shall apply. The CRS shall report on the methods and results of these surveys in the CRR. | 2. In the absence of documentation of recent archaeological survey the CRS shall survey the site(s) for archaeological resources. The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action. | At least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites | As Required | | | | As Required |

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| **ELEC-1** | CON | Prior to the start of any increment of electrical construction for all electrical equipment and systems 480 Volts or higher with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall 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 at 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 | The project owner shall 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, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report. | At least 30 days (or within a project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction | 09/29/11 | 6/6/2011 | 10/31/2011 | | In Progress |
| **GEN-1.1** | CON | The project owner shall design, construct, and inspect the project in accordance with the 2007 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the California Building Code (CBC), California Administrative Code, California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code, California Code for Building Conservation, California Reference Standards Code, and all other applicable engineering laws, ordinances, regulations, and standards (LORS) in effect at the time initial design plans are submitted to the chief building official (CBO) for review and approval. The CBSC in effect is the edition that has been adopted by the California Building Standards Commission and published at least 180 days previously. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility (2007 CBC, Appendix. Chapter 1, § 101.2, Scope). All transmission facilities (lines, switchyards, switching stations, and substations) are covered in the Conditions of Certification in the Transmission System Engineering section of this Decision. | The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design. | Within 30 days following receipt of the certificate of occupancy | 01/01/12 | | | | Not Started |
| **GEN-1.2** | CON | The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility (2007 CBC, Appendix. Chapter 1, § 101.2, Scope). All transmission facilities (lines, switchyards, switching stations, and substations) are covered in the Conditions of Certification in the Transmission System Engineering section of this Decision. | Once the certificate of occupancy has been issued, the project owner shall inform the CPM of any work to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work. | At least 30 days prior to any work performed | 01/01/12 | | | | |
| **GEN-2.2** | CON | Before submitting the initial engineering designs for CBO review, the project owner shall furnish the CPM and the CBO with a schedule of facility design submittals, master drawing and master specifications lists. The schedule shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures and equipment. To facilitate audits by Energy Commission staff, the project owner shall provide specific packages to the CPM upon request. | The project owner shall provide schedule updates in the monthly compliance report. | Monthly | Monthly | | | | On-going |

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| **GEN-3.1** | CON | The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, 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 2007 CBC (2007 CBC, Appendix Chapter 1, § 108, Fees; Chapter 1, § 108.4, Permits, Fees, Applications and Inspections), 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 otherwise agreed upon by the project owner and the CBO. | The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO. | In accordance with the agreement between the project owner and the CBO | 04/15/11 | 4/7/2011 | | | On-going |
| **GEN-3.2** | CON | The project owner shall make payments to the CBO for design review, plan checks, and construction inspections, 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 2007 CBC (2007 CBC, Appendix Chapter 1, § 108, Fees; Chapter 1, § 108.4, Permits, Fees, Applications and Inspections), 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 otherwise agreed upon by 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 applicable fees have been paid. | Monthly | Monthly | | | | On-going |
| **GEN-4.3** | CON | The project owner shall assign a California registered architect, structural engineer, or civil engineer as the resident engineer in charge of the project. | If the resident engineer or the delegated engineer(s) is subsequently reassigned or replaced, the project owner shall submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. | Within 5 days of designation | As Required | | | | As Required |
| **GEN-4.4** | CON | The project owner shall assign a California registered architect, structural engineer, or civil engineer as the resident engineer in charge of the project. | The project owner shall notify the CPM of the CBO's approval of the new engineer | Within five days of approval | As Required | | | | |
| **GEN-5.4** | CON | Prior to the start of construction, the project owner shall assign at least one of each of the following California registered engineers to the project: a design engineer who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; a mechanical engineer; and an electrical engineer. | 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 | Within five days of the approval | As Required | | | | As Required |
| **GEN-6.2** | CON | Prior to the start of an activity requiring special inspection, the project owner shall assign to the project qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in Conditions of Certification in the Transmission System Engineering section of this Decision. | 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. | Monthly | Monthly | | | | On-going |

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| **GEN-6.3** | CON | Prior to the start of an activity requiring special inspection, the project owner shall assign to the project qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in Conditions of Certification in the Transmission System Engineering section of this Decision. | If the special inspector is subsequently reassigned or replaced, the project owner shall submit the name and qualifications of the newly assigned special inspector to the CBO for approval. | Within 5 days of designation | As Required | | | | As Required |
| **GEN-6.4** | CON | Prior to the start of an activity requiring special inspection, the project owner shall assign to the project qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2007 CBC, Chapter 17, Section 1704, Special Inspections; Chapter 17A, Section 1704A, Special Inspections; and Appendix Chapter 1, Section 109, Inspections. All transmission facilities (lines, switchyards, switching stations, and substations) are addressed in Conditions of Certification in the Transmission System Engineering section of this Decision. | The project owner shall notify the CPM of the CBO's approval of the newly assigned inspector | Within five days of the approval | As Required | | | | As Required |
| **GEN-7.1** | CON | 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 required corrective actions. 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, 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. | Monthly | As Required | | | | As Required |
| **GEN-7.2** | CON | 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 required corrective actions. 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, applicable sections of the CBC and/or other LORS. | If any corrective action is disapproved the project owner shall advise the CPM of the reason for disapproval and the revised corrective action to obtain CBO's approval. | Within five days of disapproval | As Required | | | | As Required |
| **GEN-8.1** | CON | 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 an alternative site approved by the CPM during the operating life of the project. | 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 the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents | Within 15 days of the completion of any work | TBD | | | | Not Started |
| **GEN-8.2** | CON | Electronic copies of the approved plans, specifications, calculations, and marked-up as-builts shall be provided to the CBO for retention by the CPM. | The project owner shall provide to the CBO three sets of electronic copies of the above documents at its own expense. | Within 90 days of the completion of construction | 11/01/13 | | | | Not Started |

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| **MECH-1.1** | CON | The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in FACILITY DESIGN Table 1, Condition of Certification GEN-2. The submittal shall also include the applicable QA/QC procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction | The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report. | At least 30 days (or within a project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in FACILITY DESIGN Table 1, Condition of Certification GEN-2 | On-going | | | | In Progress |
| **MECH-1.2** | CON | The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in FACILITY DESIGN Table 1, Condition of Certification GEN-2. The submittal shall also include the applicable QA/QC procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction | 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. | Monthly as required | As Required | | | | Not Started |
| **MECH-2.1** | CON | 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 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 that installation. | The project owner shall 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 within a project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel | TBD | | | | Not Started |
| **MECH-2.2** | CON | 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 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 that installation. | 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. | Monthly as required | TBD | | | | Not Started |

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| **MECH-3** | CON | 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 that 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. | The project owner shall 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 within a project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system | 2/29/2011 | | | | Not Started |
| **NOISE-2.1** | CON | Throughout the construction and operation of the CPV Sentinel project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints.<br>• Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; | The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented. | Within five days of receiving a noise complaint | As Required | | | | As Required |
| **NOISE-2.2** | CON | • Attempt to contact the person(s) making the noise complaint within 24 hours; | The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented. | Within five days of receiving a noise complaint | As Required | | | | As Required |
| **NOISE-2.3** | CON | • Conduct an investigation to determine the source of noise related to the complaint; | The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented. | Within five days of receiving a noise complaint | As Required | | | | As Required |
| **NOISE-2.4** | CON | • Take all feasible measures to reduce the noise at its source if the noise is project related; | The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented. | Within five days of receiving a noise complaint | As Required | | | | As Required |

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| **NOISE-2.5** | CON | • 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 | The project owner shall file a copy of the Noise Complaint Resolution Form with the CPM, documenting the resolution of the complaint. If mitigation is required to resolve a complaint, and the complaint is not resolved within a three-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented. | Within five days of receiving a noise complaint | As Required | | | | As Required |
| **PAL-1.3** | CON | The project owner shall ensure that the PRS obtains qualified paleontological resource monitors to monitor as he or she deems necessary on the project. | If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM. | No later than one week prior to the monitor's beginning on-site duties | As Required | | | | As Required |
| **PAL-2.2** | CON | If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM. | Revised maps and drawings shall be provided to the PRS and CPM | At least 15 days prior to the start of ground disturbance | As Required | | | | As Required |
| **PAL-2.3** | CON | If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The project owner shall ensure that the PRS obtains qualified paleontological resource monitors to monitor as he or she deems necessary on the project. At a minimum, the Project Owner shall ensure that the PRS or PRM consults weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week, and until ground disturbance is completed. | The project owner shall notify the PRS and CPM of any construction phase scheduling changes. If there are changes to the scheduling of the construction phases, the project owner shall submit a letter to the CPM. | Within 5 days of identifying the changes and before work commences on affected phases. Consultations weekly until complete | As Required | | | | |
| **PAL-4.3** | CON | Prior to ground disturbance and for the duration of construction activities involving ground disturbance, the project owner and the PRS shall prepare and conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, foremen and general workers involved with or who operate ground-disturbing equipment or tools. Workers shall not excavate in sensitive units prior to receiving CPM-approved worker training. Worker training shall consist of an initial in-person PRS training during the project kick-off, for those mentioned above. Following initial training, a CPM approved video or in-person training may be used for new employees. The training program may be combined with other training programs prepared for cultural and biological resources, hazardous materials, or other areas of interest or concern. No ground disturbance shall occur prior to CPM approval of the Worker Environmental Awareness Program (WEAP), unless specifically approved by the CPM. | 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. Alternate trainers shall not conduct training prior to CPM authorization. | Prior to installation of an alternate trainer | As Required | | | | As Required |

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| **PAL-4.4** | CON | Prior to ground disturbance and for the duration of construction activities involving ground disturbance, the project owner and the PRS shall prepare and conduct weekly CPM-approved training for the following workers: project managers, construction supervisors, foremen and general workers involved with or who operate ground-disturbing equipment or tools. Workers shall not excavate in sensitive units prior to receiving CPM-approved worker training. Worker training shall consist of an initial in-person PRS training during the project kick-off, for those mentioned above. Following initial training, a CPM approved video or in-person training may be used for new employees. The training program may be combined with other training programs prepared for cultural and biological resources, hazardous materials, or other areas of interest or concern. No ground disturbance shall occur prior to CPM approval of the Worker Environmental Awareness Program (WEAP), unless specifically approved by the CPM. | 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. | Monthly | Monthly | | | | On-going |
| **PAL-5.1** | CON | The project owner shall ensure that the PRS and PRM(s) monitor all construction-related grading, excavation, trenching, and augering in areas where potential fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project consistent with the PRMMP . 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 submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified if changes in the monitoring plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change. | 10 days in advance of any proposed changes in monitoring | As Required | 9/20/2011 | 9/21/2011 | 9/21/2011 | On-going |
| **PAL-5.2** | CON | 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. The project owner shall ensure that the PRS prepares a summary of monitoring and other paleontological activities placed in the monthly compliance reports. The summary will include the name(s) of PRS or PRM(s) active during the month, general descriptions of training and monitored construction activities, and general locations of excavations, grading, and other activities. A section of the report shall include the geologic units or subunits encountered, descriptions of samplings within each unit, and a list of identified fossils. A final section of the report will address any issues or concerns about the project relating to paleontologic monitoring, including any incidents of non-compliance or any changes to the monitoring plan that have been approved by the CPM. If no monitoring took place during the month, the report shall include an explanation in the summary as to why monitoring was not conducted. | The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified if changes in the monitoring plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change. | Monthly | Monthly | | | | On-going |

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| **PAL-6** | CON | 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 project construction. | The project owner shall maintain in his/her 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 project completion and approval of the CPM-approved paleontological resource report. The project owner shall be responsible for paying any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM. | Per PAL-7 | As Required | | | | As Required |
| **PAL-7** | CON | The project owner shall ensure preparation of a 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 submit it to the CPM for review and approval. | The project owner shall submit the PRR under confidential cover to the CPM. | Within 90 days after completion of ground-disturbing activities, including landscaping | TBD | | | | Not Started |
| **PUBLIC HEALTH-1** | CON | The project owner shall develop and implement a Cooling Water Management Plan that is consistent with either Staff's *Cooling Water Management Program Guidelines* or the Cooling Technology Institute's *Best Practices for Control of Legionella* guidelines. | At least 30 days prior to the commencement of cooling tower operations, the Cooling Water Management Plan shall be provided to the Compliance Project Manager for review and approval. | At least 30 days prior to commencement of cooling tower operations | TBD | | | | Not Started |
| **SOIL&WATER 1.3** | CON | **SWPPP for SoCal Gas Line:** The project owner shall comply with the requirements of the general National Pollution Discharge Elimination System (NPDES) permit for discharge of storm water associated with construction activity. The project owner shall develop, obtain compliance project manager (CPM) approval of, and implement a Storm Water Pollution Prevention Plan (SWPPP) for, the construction of the CPV Sentinel site, lay down area, and all linear facilities including the recycled water supply pipeline to PSNGC. | At least 60 days prior to site mobilization, the project owner shall submit to the CPM a copy of the construction SWPPP for review and approval prior to site mobilization. The project owner shall retain a copy on site. The project owner shall submit copies to the CPM of all correspondence between the project owner and the Colorado Region Regional Water Quality Control Board (RWQCB) regarding the NPDES permit for the discharge of storm water associated with construction activity within ten days of its receipt or submittal. Copies of correspondence shall include the notice of intent sent to the State Water Resources Control Board (SWRCB), and the board's confirmation letter indicating receipt and acceptance of the notice of intent. | At least 60 days prior to site mobilization | 01/01/12 | | | | Not Started |
| **SOIL&WATER 1.4** | CON | **SWPPP for SCE Line:** The project owner shall comply with the requirements of the general National Pollution Discharge Elimination System (NPDES) permit for discharge of storm water associated with construction activity. The project owner shall develop, obtain compliance project manager (CPM) approval of, and implement a Storm Water Pollution Prevention Plan (SWPPP) for, the construction of the CPV Sentinel site, lay down area, and all linear facilities including the recycled water supply pipeline to PSNGC. | At least 60 days prior to site mobilization, the project owner shall submit to the CPM a copy of the construction SWPPP for review and approval prior to site mobilization. The project owner shall retain a copy on site. The project owner shall submit copies to the CPM of all correspondence between the project owner and the Colorado Region Regional Water Quality Control Board (RWQCB) regarding the NPDES permit for the discharge of storm water associated with construction activity within ten days of its receipt or submittal. Copies of correspondence shall include the notice of intent sent to the State Water Resources Control Board (SWRCB), and the board's confirmation letter indicating receipt and acceptance of the notice of intent. | At least 60 days prior to site mobilization | 01/02/12 | | | | Not Started |

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| **SOIL&WATER 10.1** | CON | The project owner shall ensure that its recharge of groundwater complies with the following: 1. Recharge shall occur at the Desert Water Agency's (DWA's) Mission Creek Spreading Grounds | Verification: If recharge of other water is approved by the CPM pursuant to SOIL&WATER-11, the project owner shall, within 60 days of that approval, submit to the CPM copies of final agreements between the purchaser and the seller of the other water, between it and DWA, and between DWA and MWD (if water is to be delivered through an exchange with MWD) that ensure that the other water will be delivered to the Mission Creek spreading grounds. | Within 60 days of that approval of recharge of other water by the CPM | As Required | | | | Not Started |
| **SOIL&WATER-2.2** | CON | The project owner shall complete all necessary plans, reports, documents, and monitoring necessary to satisfy the Conditions of Approval related to grading and flooding outlined in Draft Public Use Permit Number 897 issued by the County of Riverside, dated August 11, 2008, and Riverside County's Ordinance 754.2. Prior to initiation of construction activities, the project owner shall submit to the County of Riverside all necessary documentation, plans, and fees normally required for County's determination of compliance with Conditions of Approval, with copies to the CPM. The project shall not commence construction until the county of Riverside provides its written evaluation as to whether the proposed grading and flood control construction and operation activities complies with all county requirements and the CPM provides approval for construction. The project owner shall ensure compliance with all county standards and requirements for grading, erosion control, and flooding for the life of the project and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside requirements. | No later than 60 days prior to the start of facility construction the project owner will provide to the County of Riverside and CPM a copy of all necessary information to satisfy the Conditions of Approval for grading and flooding and for a building permit from the County of Riverside. The submittal must be reviewed by the County of Riverside and approved by the CPM. | No later than 60 days prior to the start of facility construction | 01/13/11 | | | | In Progress |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
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| **SOIL&WATER-3.1** | CON | The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well. | Verification: The project owner shall do all of the following:<br>1. No later than 30 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies to the CPM of the water well construction packet submitted to the County of Riverside.<br>2. No later than 15 days prior to the construction of the onsite water supply wells, the project owner shall submit two (2) copies of the written concurrence document from the County of Riverside indicating that the proposed well construction activities comply with all county well requirements and meet the requirements established by the county's water well permit program . | No later than 30 days prior to the construction of the onsite water supply wells | 12/15/11 | | | | Not Started |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
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| **SOIL&WATER-3.2** | CON | The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well. | No later than 60 days after installation of each well at the project site, the project owner shall ensure that the well driller submits a Well Completion Report to the DWR with a copy provide to the CPM. The project owner shall submit to the CPM together with the Well Completion Report a copy of well drilling logs, water quality analyses, and any inspection reports that may be:<br>1. Submit copies to the CPM of any proposed well construction or operation permit changes within ten (10) days of submittal to or receipt from the County of Riverside.<br>2. Submit copies of any water well permit-related well monitoring reports required by the County of Riverside to the CPM in the annual compliance report.<br>3. No later than fifteen (15) days after completion of the onsite water supply wells, the project owner shall submit documentation to the CPM and the RWQCB that well drilling ac available for each well installed. | No later than 60 days after installation of each well at the project site, submit a Well Completion Report | 02/15/12 | | | | Not Started |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
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| **SOIL&WATER-3.3** | CON | The project owner shall construct and operate up to five onsite groundwater wells that produce water from the Mission Creek Groundwater Sub-basin (MCGS). The project owner shall ensure that the wells are completed in accordance with all applicable state and local water well construction permits and requirements. Prior to initiation of well construction activities, the project owner shall submit a well construction packet to the County of Riverside, in accordance with the County of Riverside Ordnance 682, containing all documentation, plans, and fees normally required for the county's well permit, with copies to the CPM. The project shall not construct a well or extract and use any groundwater therefrom until the County of Riverside issues its written evaluation as to whether the proposed well construction and operation activities comply with all applicable county well requirements, and the CPM provides approval to construct the well. The project owner shall provide documentation to the CPM that the well has been properly completed. In accordance with California's Water Code section 13754, the driller of the well shall submit to the Department of Water Resources (DWR) a Well Completion Report for each well installed. The project owner shall ensure the Well Completion reports are submitted. The project owner shall ensure compliance with all county water well standards and requirements for the life of the wells and shall provide the CPM with two (2) copies of all monitoring or other reports required for compliance with the County of Riverside water well standards and operation requirements, as well as any changes made to the operation of the well. | During well construction and for the operational life of the well, the project owner shall:<br>1. Submit copies to the CPM of any proposed well construction or operation changes.<br>2. Submit copies of any water well monitoring reports required by the County of Riverside to the CPM in the annual compliance report.<br>3. No later than fifteen (15) days after completion of the onsite water supply wells, the project owner shall submit documentation to the CPM and the RWQCB that well drilling activities were conducted in compliance with Title 23, California Code of Regulations, Chapter 15, Discharges of Hazardous Wastes to Land, (23 CCR, sections 2510 et seq.) requirements and that any onsite drilling sumps used for project drilling activities were removed in compliance with 23 CCR section 2511(c). | During well construction and for the operational life of the well, submit proposed well construction or operation, Annually, Submit copies of any water well monitoring reports , No later than fifteen (15) days after completion of the onsite water supply wells, submit documentation that well drilling activities were conducted | 02/15/12 | | | | Not Started |
| **STRUC-2.1** | CON | 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:<br>1. Concrete cylinder strength test reports | If a discrepancy is discovered in any of the above data, the project owner shall, within five days, 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 (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). 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. The project owner shall 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 necessary to obtain the CBO's approval. | Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval | As Required | | | | Not Started |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
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| **STRUC-2.2** | CON | 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:<br>2. Concrete pour sign-off sheets | If a discrepancy is discovered in any of the above data, the project owner shall, within five days, 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 (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). 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. The project owner shall 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 necessary to obtain the CBO's approval. | Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval | As Required | | | | Not Started |
| **STRUC-2.3** | CON | 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:<br>3. Bolt torque inspection reports (including location of test, date, bolt size,<br>and recorded torques) | If a discrepancy is discovered in any of the above data, the project owner shall, within five days, 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 (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). 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. The project owner shall 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 necessary to obtain the CBO's approval. | Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval | As Required | | | | As Required |
| **STRUC-2.4** | CON | 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:<br>4. Field weld inspection reports (including type of weld, location of weld, inspection of non-destructive testing procedure and results, welder qualifications, certifications, qualified procedure description or number | If a discrepancy is discovered in any of the above data, the project owner shall, within five days, 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 (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). 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. The project owner shall 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 necessary to obtain the CBO's approval. | Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval | As Required | | | | As Required |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
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| **STRUC-2.5** | CON | 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:<br>5. Reports covering other structural activities requiring special inspections shall be in accordance with the 2007 CBC, Chapter 17, section 1704, Special Inspections, and section 1709.1, Structural Observations. | If a discrepancy is discovered in any of the above data, the project owner shall, within five days, 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 (2007 CBC, Chapter 17, § 1704.1.2, Report Requirements). 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. The project owner shall 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 necessary to obtain the CBO's approval. | Within five days of the discovery of any discrepancies - Within five days of disapproval - Within five days of resolution of the NCR - Within 15 days of approval - Within five days of disapproval | As Required | | | | As Required |
| **STRUC-3** | CON | The project owner shall submit to the CBO design changes to the final plans required by the 2007 CBC, 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 required number of copies of any other 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. | As required | As Required | | | | As Required |
| **STRUC-4.1** | CON | Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC, Chapter 3, Table 307.1(2), shall, at a minimum, be designed to comply with the requirements of that chapter. | The project owner shall 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 within a project owner- and CBO-approved alternate time frame) prior to the start of installation of tanks or vessels containing specified toxic or hazardous materials | TBD | | | | Not Started |
| **STRUC-4.2** | CON | Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2007 CBC, Chapter 3, Table 307.1(2), shall, at a minimum, be designed to comply with the requirements of that chapter. | 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. | Monthly as required | As Required | | | | As Required |
| **TLSN-1** | CON | The project owner shall ensure that the proposed transmission lines are constructed 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. | The project owner shall 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 30 days before starting construction of the transmission line or related structures and facilities | 02/01/12 | | | | In Progress |

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| **TRANS-2.1** | CON | The project owner shall comply with the applicable parking standards of the county of Riverside. The project owner shall prepare and submit to the CPM for approval a parking plan for the operation phase of the project in consultation with the county of Riverside.<br>The operational parking plan shall show the location of the proposed parking area(s), a plot plan (diagram) with dimensions with an accurate portrayal of the number of parking spaces in accordance to the sizes stipulated in the applicable parking standards by the county of Riverside Transportation and Land Management Agency. The plan shall also show ingress/egress access (including emergency services vehicle access), parking lot circulation, car/van pool loading and unloading area(s) and any other item(s) that are requested by the county of Riverside Transportation and Land Use Management Agency subject to approval by the CPM.<br>The operational parking plan shall include a policy to be enforced by the project owner stating all project-related parking occur onsite or in designated offsite parking areas as shown on the plan. | The project owner shall submit the proposed operation parking plan to the county of Riverside Department of Transportation for review and comment. The project owner shall provide to the CPM a copy of the transmittal letter submitted to the county of Riverside Department of Transportation requesting their review of the parking plan. The project owner shall provide any comment letters to the CPM for review.<br>The applicant shall provide the county of Riverside Transportation and Land Management Agency 30 calendar days to review the parking plan and provide written comments to the project owner. The project owner shall provide a copy of the county of Riverside Transportation and Land Management Agency written comments and a copy of the parking plan(s) to the CPM for review and approval. | At least 90 days prior to operation, allow 30 days to review | 04/05/13 | | | | Not Started |
| **TRANS-2.2** | CON | The project owner shall comply with the applicable parking standards of the county of Riverside. The project owner shall prepare and submit to the CPM for approval a parking plan for the operation phase of the project in consultation with the county of Riverside.<br>The operational parking plan shall show the location of the proposed parking area(s), a plot plan (diagram) with dimensions with an accurate portrayal of the number of parking spaces in accordance to the sizes stipulated in the applicable parking standards by the county of Riverside Transportation and Land Management Agency. The plan shall also show ingress/egress access (including emergency services vehicle access), parking lot circulation, car/van pool loading and unloading area(s) and any other item(s) that are requested by the county of Riverside Transportation and Land Use Management Agency subject to approval by the CPM.<br>The operational parking plan shall include a policy to be enforced by the project owner stating all project-related parking occur onsite or in designated offsite parking areas as shown on the plan. | At least 60 calendar days prior to the start of commercial operation, the project owner shall provide a copy of the operation phase parking plan to the CPM for review and approval. | At least 60 days prior to start of commercial operation | 05/15/13 | | | | Not Started |

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| **TRANS-4.2** | CON | The project owner shall repair affected public rights-of-way (e.g., highway, road, bicycle path, pedestrian path) to original or near original condition that has been damaged due to construction activities conducted for the project and its associated facilities. | Within 60 calendar days after completion of construction, the project owner shall meet with the CPM, the county of Riverside Transportation and Land Management Agency, the city of Palm Springs Department of Public Works and Engineering, 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).<br>Following completion of any public right-of-way repairs, the project owner shall provide to the CPM a letter signed by the county of Riverside Transportation and Land Management Agency, the city of Palm Springs Department of Public Works and Engineering, and Caltrans stating their satisfaction with the repairs. | Within 60 calendar days after completion of construction | 11/29/13 | | | | Not Started |
| **TRANS-5** | CON | Prior to the start of commercial operation, the project owner shall dedicate, and complete improvement of Melissa Lane from Dillon Road to the 16th Avenue according to the county of Riverside standard for a collector rural road – Riverside County Standard No. 136. The project owner shall improve this portion of Melissa Lane with 28-feet of asphalt concrete pavement within a 60-foot full-width dedicated right-of-way including standard corner cutback in accordance to county standards. The project owner shall also dedicate and complete improvement of roadway from 16th Avenue north to the project site to the County of Riverside standard for a commercial driveway – Riverside County Standard No. 207A, or improved to a standard agreed to by the Director of the County of Riverside Transportation and Land Management. | Not later than a 180 days prior to the estimated start of commercial operation, the project owner shall submit to the Director of the county of Riverside Transportation and Land Management Agency, Planning Department for review, the required improvement plan(s) for Melissa Lane, and the roadway north of 16th Avenue to the project site, and the completed forms for the dedication of the roadway segments.<br>The project owner shall provide to the CPM a copy of the transmittal letter submitted to the county of Riverside Department of Transportation and Land Management Agency, Planning Department requesting their review of the improvement plans and dedication of roadway submitted for Melissa Lane and the roadway north of 16th Avenue to the project site.<br>The project owner shall allow the Director of the county of Riverside Transportation and Land Management Agency, Planning Department 30 days to provide comment on the improvement plans and roadway dedication.<br>The project owner shall provide a copy of the Director of the county of Riverside Transportation and Land Management Agency, Planning Department comments to the CPM prior to the start of construction of the improvements to Melissa Lane and the roadway north of 16th Avenue to the project site, and roadway dedication.<br>If the CPM determines that the improvement plans and/or the roadway dedication requires revision, the project owner shall provide to the CPM and the Director of the county of Riverside Transportation and Land Management Agency, Planning Department a plan and/or roadway dedication | Not later than a 180 days prior to the estimated start of commercial operation | 01/01/13 | | | | Not Started |
| **TSE-1.1** | CON | The project owner shall ensure that a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List are furnished to the CPM and to the CBO. 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 ensure that designated packages are provided to the CPM when requested. To facilitate audits by Energy Commission staff, the project owner shall provide designated packages to the CPM when requested. | The project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain a description and list of proposed submittal packages for design, calculations, and specifications for major structures and equipment. Additions and deletions shall be made to the table only with CPM and CBO approval. The project owner shall provide schedule updates in the Monthly Compliance Report. | 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 | 01/01/12 | | | | Not Started |

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| **TSE-1.2** | CON | The project owner shall ensure that a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List are furnished to the CPM and to the CBO. 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. | The project owner shall provide schedule updates in the Monthly Compliance Repor | Monthly | 01/01/12 | | | | On-going |
| **TSE-2.1** | CON | Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.) | The project owner shall submit to the CBO for review and approval, the names, qualifications and registration numbers of all engineers assigned to the project. If any one of the designated engineers is subsequently 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. This engineer shall be authorized to halt earthwork and to require changes; if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations. | 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 rough grading | 02/01/12 | | | | Not Started |
| **TSE-2.2** | CON | Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.) | The project owner shall notify the CPM of the CBO's approvals of the engineers | Within five days of the approval | 02/01/12 | | | | Not Started |
| **TSE-2.3** | CON | Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.) | If the designated responsible engineer is subsequently reassigned or replaced, the project owner must submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval. | Within five days from notification | As Required | | | | As Required |

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| **TSE-2.4** | CON | Prior to the start of construction the project owner shall ensure that an electrical engineer and at least one of each of the following are assigned to the project: A) a civil engineer; B) a geotechnical engineer, or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer. (Bus.& Prof. Code §§ 6704 et seq., require state registration to practice as a civil engineer or structural engineer in California.) | 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-3** | CON | 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 ensure that the discrepancy is documented and corrective action is recommended. (1998 CBC, Chap. 1, § 108.4, Approval Required; Chap. 17, § 1701.3, Duties and Responsibilities of the Special Inspector; appen. Chap. 33, § 3317.7, Notification of Noncompliance). The project owner shall ensure that the discrepancy documentation becomes a controlled document and is submitted to the CBO for review and approval and references this condition of certification. | The project owner shall ensure that a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy is submitted to the CPM within 15 days of receipt. If disapproved, the project owner shall ensure that the CPM is advised, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval. | Within 15 days of receipt | As Required | | | | As Required |
| **TSE-4** | CON | For the power plant switchyard, outlet line and termination, the project owner shall ensure that until plans for that increment have been approved by the CBO construction does not begin any increment. 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 ensure that the CBO is requested to inspect the installation to ensure compliance with the requirements of 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, the project owner shall ensure that 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, are submitted to the CBO for review and approval and a copy of the transmittal letter is sent to the CPM in the next Monthly Compliance Report. | 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 | 02/01/12 | | | | Not Started |
| **TSE-5.1** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval: a) Design drawings, specifications and calculations conforming with CPUC General Order 95 or NESC, Title 8, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", NEC, applicable interconnection standards and related industry standards, for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment. | At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO | 01/01/12 | | | | Not Started |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
|---|---|---|---|---|---|---|---|---|---|
| **TSE-5.2** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>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 CPUC General Order 95 or NESC, Title 8, California Code of Regulations, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", NEC, applicable interconnection standards, and related industry standards. | At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO | 01/01/12 | | | | Not Started |
| **TSE-5.3** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>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) | At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO | 01/01/12 | | | | Not Started |
| **TSE-5.4** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall submit to the CBO for approval:<br>d) A line route drawing after selecting one of the alternate route options for the generator 230 kV interconnection tie line. | At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO | 01/01/12 | | | | Not Started |
| **TSE-5.5** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>e) The 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 agree to by the project owner and CBO | 01/01/12 | | | | Not Started |
| **TSE-5.6** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>f) The executed project owner and California ISO Large Generator Interconnection Agreement. | At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO | 01/01/12 | | | | Not Started |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
|---|---|---|---|---|---|---|---|---|---|
| **TSE-5.7** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>g) A letter stating that the mitigation measures or projects selected by the transmission owners for each criteria violation are acceptable. | At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO | 01/01/12 | | | | Not Started |
| **TSE-5.8** | CON | The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall ensure that the required number of copies of the design drawings and calculations are submitted to the CBO as determined by the CBO. | The project owner shall ensure that the following are submitted to the CBO for approval:<br>h) The Operational study report based on 2010 system conditions (including<br>operational mitigation measures) from the California SO and/or SCE. | At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO | 01/01/12 | | | | Not Started |
| **TSE-6** | CON | The project owner shall ensure that the CPM and CBO are informed of any impending changes that may not conform to requirements TSE-5 a) through f), and have not received CPM and CBO approval, and request approval to implement such changes. A detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change shall accompany the request. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CBO and the CPM. | At least 60 days prior to the construction of transmission facilities, the project owner shall ensure that the CBO and the CPM are informed of any impending changes that may not conform to requirements of TSE-5 and request approval to implement such changes. | At least 60 days prior to the construction of transmission facilities | As Required | | | | As Required |
| **VIS-1.2** | CON | The project owner shall treat the surfaces of all project structures and buildings visible to the public so that their colors minimize visual intrusion and contrast by blending with the desert landscape in both color and value; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. | 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 and simultaneously to Riverside County for review and comment. | Immediately as necessary | As Required | | | | Not Started |
| **VIS-1.3** | CON | The project owner shall treat the surfaces of all project structures and buildings visible to the public so that their colors minimize visual intrusion and contrast by blending with the desert landscape in both color and value; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. | The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and they are ready for inspection and shall submit one set of electronic color photographs from the same key observation points (KOPs) analyzed in this report. | Prior to the start of commercial operation | TBD | | | | Not Started |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
|---|---|---|---|---|---|---|---|---|---|
| **VIS-2.1** | CON | To the extent feasible and consistent with safety and security considerations, the project owner shall design and install all permanent exterior lighting so that: a) lamps and reflectors are not visible from beyond the project site, including any off-site construction laydown areas and security buffer 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; e) lighting on the exhaust stacks shall be the minimum needed to satisfy safety and security concerns; and f) the plan complies with local policies and ordinances of Riverside County. | The project owner shall contact the CPM to discuss the documentation required in the lighting mitigation plan. | At least 90 days prior to ordering any permanent exterior lighting | 02/13/12 | | | | Not Started |
| **VIS-2.2** | CON | The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan. | The project owner shall submit to the CPM for review and approval and simultaneously to Riverside County for review and comment a lighting mitigation plan. | At least 60 days prior to ordering any permanent exterior lighting | 02/13/12 | | | | Not Started |
| **VIS-2.3** | CON | The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan. | 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. | At least 7 days prior to ordering | 02/13/12 | | | | Not Started |
| **VIS-2.4** | CON | 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 the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection. | Within 30 days of receiving that notification | As Required | | | | As Required |
| **VIS-3.1** | CON | The project owner shall develop a landscape plan that: a) reduces the visibility of the project from the south and west; b) utilizes drought tolerant landscaping and incorporates adequate drought-conscious irrigation systems; and c) complies with local policies and ordinances of Riverside County, including Policy WCVAP 12.4 which requires screening and/or landscaping of outdoor storage areas, such as contractor storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents that live to the south and west of the project | The project owner shall submit to the CPM for review and approval and simultaneously to Riverside County for review and comment, a landscaping plan providing proper implementation that will satisfy these requirements. | At least 90 days prior to installation. Installation must occur the first optimal planting season following site mobilization. | TBD | | | | Not Started |
| **VIS-3.2** | CON | The project owner shall develop a landscape plan that: a) reduces the visibility of the project from the south and west; b) utilizes drought tolerant landscaping and incorporates adequate drought-conscious irrigation systems; and c) complies with local policies and ordinances of Riverside County, including Policy WCVAP 12.4 which requires screening and/or landscaping of outdoor storage areas, such as contractor storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents that live to the south and west of the project | If the CPM determines that the plan requires revision, the project owner shall provide to the CPM and simultaneously to Riverside County a revised plan for review and approval by the CPM. | Within 30 days of receipt of comments | As Required | | | | As Required |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
|---|---|---|---|---|---|---|---|---|---|
| **VIS-3.3** | CON | The project owner shall develop a landscape plan that: a) reduces the visibility of the project from the south and west; b) utilizes drought tolerant landscaping and incorporates adequate drought-conscious irrigation systems; and c) complies with local policies and ordinances of Riverside County, including Policy WCVAP 12.4 which requires screening and/or landscaping of outdoor storage areas, such as contractor storage yards and similar uses. Plantings on the south side of the project are to screen views of the project by residents that live to the south and west of the project | The planting must occur during the first optimal planting season following site mobilization. The project owner shall simultaneously notify the CPM and Riverside County that the landscaping is ready for inspection. | Within seven days after completing installation of the landscaping | TBD | | | | Not Started |
| **WASTE-2.1** | CON | If potentially hazardous material or contaminated soil is identified during project construction or operation at the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Registered PE or Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of the hazardous material or contamination soil, and file a written report to the project owner, appropriate regulatory agency, and CPM stating the recommended course of action. | The project owner shall submit any final reports filed by the Registered Professional Engineer or Geologist to the CPM | Within 5 days of their receipt | As Required | | | | As Required |
| **WASTE-2.2** | CON | The Registered PE 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 PE or Geologist, significant remediation may be required, the project owner shall contact representatives of the Riverside County Department of Environmental Health for guidance and possible oversight. | The project owner shall notify the CPM within 24 hours of any orders issued to halt construction. | Within 24 hours | As Required | | | | As Required |
| **WASTE-3** | CON | If an abandoned well is located during construction or operation, the project owner shall comply with Division of Oil, Gas, and Geothermal Resources (DOGGR) procedures for abandonment of an orphaned oil or gas wells and CCR Title 14, Division 2. The project owner shall also submit to the DOGGR, in writing: (1) a detailed description of the status of the oil/gas well; (2) an explanation of the results of the visual site survey and geophysical survey; and (3) a request, in accordance with DOGGR requirements to certify the well has been properly abandoned. | A copy of the project owner's written submittal to the DOGGR and a copy of the DOGGR response indicating the well has been properly abandoned, shall be forwarded to the CPM | Within 10 days of submittal and receipt of response | As Required | | | | As Required |
| **WASTE-6** | CON | The project owner shall ensure that spills or releases of hazardous substances, hazardous materials, or hazardous wastes associated with the construction or operation of the project are reported, delineated, cleaned-up, and remediated as necessary, under the supervision of a California Professional Geologist or Engineer and in accordance with the requirements of the Riverside County Department of Environmental Health. This responsibility excludes construction, operation, and maintenance of the transmission lines, which will be installed, operated, and maintained by Southern California Edison. | The project owner shall document all unauthorized spills or releases of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of the unauthorized spill documentation shall be provided to the CPM | Within 30 days of the date the release was discovered | As Required | | | | As Required |

| CEC Cond. # | Sort Code | Description | Verification/Action/Submittal Required by Project Owner | Timeframe | Date Due to CEC CPM | Date Submitted to CEC, CBO or Agency | Requested CEC (or CBO or Agency) Approval Date | CEC/ Agency Approval Date | Status |
|---|---|---|---|---|---|---|---|---|---|
| **WASTE-7** | CON | 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 project owner contracts. | The project owner shall notify the CPM, in writing. The CPM shall notify the project owner of any changes that would be required in the way project-related wastes are managed. | Within 10 days of becoming aware of an impending enforcement action | As Required | | | | As Required |
| **WORKER SAFETY-3.2** | CON | The project owner shall provide a site Construction Safety Supervisor (CSS) who is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards; is capable of identifying workplace hazards relating to construction activities; and has authority to take appropriate action to assure compliance and mitigate hazards. | The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report | Monthly | Monthly | | | | On-going |

# APPENDIX B
# CBO Documentation

# Submittals to CBO

Mott MacDonald

400 Blue Hill Drive, Suite 100 ♦ Westwood, MA 02090
(Tel) 781-915-0015 ♦ (Fax) 781-915-0001

# Sentinel-0475-MM-CSA-CTG Foundation & Anchorage Plan.Cooling Tower. Station Service Transformer.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **November 2, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

SEE ATTACHED LIST OF TRANSMITTED DRAWINGS AND DOCUMENTS

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|---|---|
| **VENDOR DRAWING REVIEW:** | **MOTT MACDONALD DELIVERABLES SUBMITTAL:** |
| ☐ Mott MacDonald comments on vendor documents issued for Client Review | ☐ Issued for Information Only |
| ☐ Copy of vendor documents sent by Mott MacDonald directly to the vendor. | ☐ Issued for Review and Comments |
| ☐ Return of created documents submitted for Mott MacDonald review | ☐ Issued for Approval |
| ☐ Other: | ☐ Issued for Constructability Review |
| | ☐ Issued for Bidding Purpose |
| | ☐ Issued for Ordering Material |
| | ☒ Issued for Construction |
| | ☐ Issued for Permitting |
| | ☐ Issued for Fabrication |
| | ☐ Issued for Record Purposes |
| | ☐ Other: |

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# Issued Document Transmittal List

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|---|---|---|---|
| RN | Reviewed As Noted-Extra Data Required | PR | Preliminary |
| RA | Reviewed and Accepted | SP | Superseded |
| CF | Certified – Final | VV | Void |
| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-200 CTG Foundation Plan-R3.pdf | 289497-C-200 CTG Foundation Plan-R3 | - | 3 | 289497-C-200 CTG Foundation Plan-R3 | For Construction |
| 289497-C-202 CTG Anchorage Plan-R3.pdf | 289497-C-202 CTG Anchorage Plan-R3 | - | 3 | 289497-C-202 CTG Anchorage Plan-R3 | For Construction |
| 289497-C-400 Cooling Tower Foundation Plan-R1.pdf | 289497-C-400 Cooling Tower Foundation Plan-R1 | - | 1 | 289497-C-400 Cooling Tower Foundation Plan-R1 | For Construction |
| 289497-C-602 Station Service Transformer Foundation Plan BOTH-R2.pdf | 289497-C-602 Station Service Transformer Foundation Plan BOTH-R2 | - | 2 | 289497-C-602 Station Service Transformer Foundation Plan BOTH-R2 | For Construction |
| | | | | | |

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# SENTINEL-0480-MM-M-Piping Specialties.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/07/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Specification | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☐ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

SEE ATTACHED LIST OF TRANSMITTED DRAWINGS AND DOCUMENTS

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|---|---|
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| ☐ Copy of vendor documents sent by Mott MacDonald directly to the vendor. | ☒ Issued for Review and Comments |
| ☐ Return of created documents submitted for Mott MacDonald review | ☐ Issued for Approval |
| ☐ Other: | ☐ Issued for Constructability Review |
| | ☐ Issued for Bidding Purpose |
| | ☐ Issued for Ordering Material |
| | ☐ Issued for Construction |
| | ☐ Issued for Permitting |
| | ☐ Issued for Fabrication |
| | ☐ Issued for Record Purposes |
| | ☐ Other: For Bid Revised |

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| STATUS LEGEND | | | |
|---|---|---|---|
| RN | Reviewed As Noted-Extra Data Required | PR | Preliminary |
| RA | Reviewed and Accepted | SP | Superseded |
| CF | Certified – Final | VV | Void |
| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-M-SP-15566 Piping Specialties Rev D.pdf | 289497-M-SP-15566 Piping Specialties Rev D | - | D | 289497-M-SP-15566 Piping Specialties Rev D | For Review |
| | | | | | |

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# Sentinel-0482-MM-CSA-CTG Foundation Plan.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **November 8, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

SEE ATTACHED LIST OF TRANSMITTED DRAWINGS AND DOCUMENTS

**Please mark VOID or destroy all previous versions of the documents issued as Mott MacDonald Deliverables unless the documents are a partial substitution into a larger package as defined in Special Notes or Actions. Mott MacDonald's deliverables which have an APPROVED status are considered released for all of the above stated purposes.**

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| ☐ Return of created documents submitted for Mott MacDonald review | ☐ Issued for Approval |
| ☐ Other: | ☐ Issued for Constructability Review |
| | ☐ Issued for Bidding Purpose |
| | ☐ Issued for Ordering Material |
| | ☒ Issued for Construction |
| | ☐ Issued for Permitting |
| | ☐ Issued for Fabrication |
| | ☐ Issued for Record Purposes |
| | ☐ Other: |

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# Issued Document Transmittal List

| STATUS LEGEND | | | |
|---|---|---|---|
| RN | Reviewed As Noted-Extra Data Required | PR | Preliminary |
| RA | Reviewed and Accepted | SP | Superseded |
| CF | Certified – Final | VV | Void |
| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-200 CTG Foundation Plan-R4.pdf | 289497-C-200 CTG Foundation Plan-R4 | - | 4 | 289497-C-200 CTG Foundation Plan-R4 | For Construction |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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# Sentinel-0483-MM-M-Piping UG Sections.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/08/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Specification | |

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Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| IO | Information Only – No Approval Required | | |
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**SENTINEL-0488-MM-M-Isometrics.doc**

| ATTENTION: | DATE: | ACTION DATE: |
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| **Karen Timbrell** | **11/9/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Isometrics | |

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| RA | Reviewed and Accepted | SP | Superseded |
| CF | Certified – Final | VV | Void |
| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

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| 7IA-126-002-R0.pdf | 7IA-126-002-R0.pdf | | 0 | 7IA-126-002-R0.pdf | For Review |
| 7IA-126-010-R0.pdf | 7IA-126-010-R0.pdf | | 0 | 7IA-126-010-R0.pdf | For Review |
| 7OW-106-020-R0.pdf | 7OW-106-020-R0.pdf | | 0 | 7OW-106-020-R0.pdf | For Review |
| 7PW-106Y-001-R0.pdf | 7PW-106Y-001-R0.pdf | | 0 | 7PW-106Y-001-R0.pdf | For Review |
| 7RW-106-001-R0.pdf | 7RW-106-001-R0.pdf | | 0 | 7RW-106-001-R0.pdf | For Review |
| 7RW-106-038-R0.pdf | 7RW-106-038-R0.pdf | | 0 | 7RW-106-038-R0.pdf | For Review |
| 7WD-106-011-R0.pdf | 7WD-106-011-R0.pdf | | 0 | 7WD-106-011-R0.pdf | For Review |
| 7WD-106-014-R0.pdf | 7WD-106-014-R0.pdf | | 0 | 7WD-106-014-R0.pdf | For Review |

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| 7WW-106-003-R0.pdf | 7WW-106-003-R0.pdf | | 0 | 7WW-106-003-R0.pdf | **For Review** |
| 8CW-106-002-R0.pdf | 8CW-106-002-R0.pdf | | 0 | 8CW-106-002-R0.pdf | **For Review** |
| 8DW-106-001-R0.pdf | 8DW-106-001-R0.pdf | | 0 | 8DW-106-001-R0.pdf | **For Review** |
| 8DW-106-009-R0.pdf | 8DW-106-009-R0.pdf | | 0 | 8DW-106-009-R0.pdf | **For Review** |
| 8IA-126-002-R0.pdf | 8IA-126-002-R0.pdf | | 0 | 8IA-126-002-R0.pdf | **For Review** |
| 8IA-126-010-R0.pdf | 8IA-126-010-R0.pdf | | 0 | 8IA-126-010-R0.pdf | **For Review** |
| 8OW-106-020-R0.pdf | 8OW-106-020-R0.pdf | | 0 | 8OW-106-020-R0.pdf | **For Review** |
| 8PW-106Y-001-R0.pdf | 8PW-106Y-001-R0.pdf | | 0 | 8PW-106Y-001-R0.pdf | **For Review** |
| 8RW-106-001-R0.pdf | 8RW-106-001-R0.pdf | | 0 | 8RW-106-001-R0.pdf | **For Review** |
| 8RW-106-038-R0.pdf | 8RW-106-038-R0.pdf | | 0 | 8RW-106-038-R0.pdf | **For Review** |
| 8WD-106-011-R0.pdf | 8WD-106-011-R0.pdf | | 0 | 8WD-106-011-R0.pdf | **For Review** |
| 8WW-106-003-R0.pdf | 8WW-106-003-R0.pdf | | 0 | 8WW-106-003-R0.pdf | **For Review** |
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# Sentinel-0494-MM-E-Vital AC Unit & Power Supply System.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/9/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Electrical Drawing and Specification | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-E-112-Vital AC Unit-Rev A.pdf | 289497-E-112-Vital AC Unit-Rev A | | A | 289497-E-112-Vital AC Unit-Rev A.pdf | For Review |
| 289497-E-SP-16261_Uninterruptible Power Supply System_Rev_B.pdf | 289497-E-SP-16261_Uninterruptible Power Supply System_Rev_B | | B | 289497-E-SP-16261_Uninterruptible Power Supply System_Rev_B.pdf | For Review |
| | | | | | |

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# Sentinel-0496-MM-E-Non-Seg Bus & 5kV Switchgear Plan and Detail.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/10/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Electrical Drawings | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-E-311 SH 1 NON-SEG BUS & 5kV SWGR PLAN REV B.pdf | 289497-E-311 SH 1 NON-SEG BUS & 5kV SWGR PLAN REV B | | B | 289497-E-311 SH 1 NON-SEG BUS & 5kV SWGR PLAN REV B | For Review |
| 289497-E-311 SH 2 NON-SEG BUS 5kV SWGR DETAIL REV B .pdf | 289497-E-311 SH 2 NON-SEG BUS 5kV SWGR DETAIL REV B | | B | 289497-E-311 SH 2 NON-SEG BUS 5kV SWGR DETAIL REV B | For Review |
| | | | | | |

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**SENTINEL-0497-MM-M-Isometrics.doc**

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **Karen Timbrell** | **11/10/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Isometrics | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

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| 1CW-106-005-R0.pdf | 1CW-106-005-R0 | | 0 | 1CW-106-005-R0 | For Review |
| 1CW-106-006-R0.pdf | 1CW-106-006-R0 | | 0 | 1CW-106-006-R0 | For Review |
| 2CW-106-005-R0.pdf | 2CW-106-005-R0 | | 0 | 2CW-106-005-R0 | For Review |
| 2CW-106-006-R0.pdf | 2CW-106-006-R0 | | 0 | 2CW-106-006-R0 | For Review |
| 3CW-106-005-R0.pdf | 3CW-106-005-R0 | | 0 | 3CW-106-005-R0 | For Review |
| 3CW-106-006-R0.pdf | 3CW-106-006-R0 | | 0 | 3CW-106-006-R0 | For Review |
| 4CW-106-005-R0.pdf | 4CW-106-005-R0 | | 0 | 4CW-106-005-R0 | For Review |
| 4CW-106-006-R0.pdf | 4CW-106-006-R0 | | 0 | 4CW-106-006-R0 | For Review |
| 5CW-106-005-R0.pdf | 5CW-106-005-R0 | | 0 | 5CW-106-005-R0 | For Review |
| 5CW-106-006-R0.pdf | 5CW-106-006-R0 | | 0 | 5CW-106-006-R0 | For Review |
| 6CW-106-005-R0.pdf | 6CW-106-005-R0 | | 0 | 6CW-106-005-R0 | For Review |
| 6CW-106-006-R0.pdf | 6CW-106-006-R0 | | 0 | 6CW-106-006-R0 | For Review |
| 7CW-106-005-R0.pdf | 7CW-106-005-R0 | | 0 | 7CW-106-005-R0 | For Review |
| 7CW-106-006-R0.pdf | 7CW-106-006-R0 | | 0 | 7CW-106-006-R0 | For Review |
| 8CW-106-005-R0.pdf | 8CW-106-005-R0 | | 0 | 8CW-106-005-R0 | For Review |
| 8CW-106-006-R0.pdf | 8CW-106-006-R0 | | 0 | 8CW-106-006-R0 | For Review |
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# SENTINEL-0499-MM-M-Underground Piping.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **Karen Timbrell** | **11/10/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Underground Piping | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

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|---|---|---|---|---|---|
| 289497-P-227-R2-PIPING UG SECTIONS.pdf | 289497-P-227-R2-PIPING UG SECTIONS | | 2 | 289497-P-227-R2-PIPING UG SECTIONS | For Review |
| 289497-P-228-R1-PIPING UG SECTIONS.pdf | 289497-P-228-R1-PIPING UG SECTIONS | | 1 | 289497-P-228-R1-PIPING UG SECTIONS | For Review |
| 289497-P-229-R1-PIPING UG SECTIONS.pdf | 289497-P-229-R1-PIPING UG SECTIONS | | 1 | 289497-P-229-R1-PIPING UG SECTIONS | For Review |
| 289497-P-230-R1-PIPING UG SECTIONS.pdf | 289497-P-230-R1-PIPING UG SECTIONS | | 1 | 289497-P-230-R1-PIPING UG SECTIONS | For Review |
| 289497-P-231-R1-PIPING UG SECTIONS.pdf | 289497-P-231-R1-PIPING UG SECTIONS | | 1 | 289497-P-231-R1-PIPING UG SECTIONS | For Review |
| 289497-P-232-R1-PIPING UG SECTIONS.pdf | 289497-P-232-R1-PIPING UG SECTIONS | | 1 | 289497-P-232-R1-PIPING UG SECTIONS | For Review |
| 289497-P-233-R1-PIPING UG SECTIONS.pdf | 289497-P-233-R1-PIPING UG SECTIONS | | 1 | 289497-P-233-R1-PIPING UG SECTIONS | For Review |
| 289497-P-234-R1-PIPING UG SECTIONS.pdf | 289497-P-234-R1-PIPING UG SECTIONS. | | 1 | 289497-P-234-R1-PIPING UG SECTIONS | For Review |
| 289497-P-235-R0-PIPING UG SECTIONS.pdf | 289497-P-235-R0-PIPING UG SECTIONS | | 0 | 289497-P-235-R0-PIPING UG SECTIONS | For Review |
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# Sentinel-0503-MM-E-Cathodic Protection.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/11/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Electrical Specification | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-E-SP-16400 Cathodic Protection Rev C.pdf | 289497-E-SP-16400 Cathodic Protection Rev C | | C | 289497-E-SP-16400 Cathodic Protection Rev C | For Review |
| | | | | | |
| | | | | | |

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# Sentinel-0506-MM-E-Electrical Underground.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/11/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Electrical Specification | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| | ☐ Issued for Ordering Material |
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| | ☐ Issued for Permitting |
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| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

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|---|---|---|---|---|---|
| 289497-E-405 SH 2 DEMIN WATER STORAGE TANK UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-405 SH 2 DEMIN WATER STORAGE TANK UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-405 SH 2 DEMIN WATER STORAGE TANK UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-405 SH 3 WASTE WATER TREATMENT AREA UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-405 SH 3 WASTE WATER TREATMENT AREA UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-405 SH 3 WASTE WATER TREATMENT AREA UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-405 SH 4 WAREHOUSE & OPERATION BUILDING UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-405 SH 4 WAREHOUSE & OPERATION BUILDING UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-405 SH 4 WAREHOUSE & OPERATION BUILDING UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-405 SH 7 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 4.pdf | 289497-E-405 SH 7 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 4 | - | 4 | 289497-E-405 SH 7 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 4 | For Construction |
| 289497-E-405 SH 8 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 3.pdf | 289497-E-405 SH 8 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 3 | - | 3 | 289497-E-405 SH 8 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 3 | For Construction |
| 289497-E-405 SH 9 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 3.pdf | 289497-E-405 SH 9 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 3 | - | 3 | 289497-E-405 SH 9 BOP AREA UNDERGROUND RACEWAY SECTIONS REV 3 | For Construction |
| 289497-E-404 SH 1 ELEC. UNIT #1 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 1 ELEC. UNIT #1 UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-404 SH 1 ELEC. UNIT #1 UNDERGROUND RACEWAY PLAN REV 3 | For Construction |

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| 289497-E-404 SH 2 ELEC. UNIT #2 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 2 ELEC. UNIT #2 UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-404 SH 2 ELEC. UNIT #2 UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-404 SH 3 ELEC. UNIT #3 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 3 ELEC. UNIT #3 UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-404 SH 3 ELEC. UNIT #3 UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-404 SH 4 ELEC. UNIT #4 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 4 ELEC. UNIT #4 UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-404 SH 4 ELEC. UNIT #4 UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-404 SH 5 ELEC. UNIT #5 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 5 ELEC. UNIT #5 UNDERGROUND RACEWAY PLAN REV 3 | | 3 | 289497-E-404 SH 5 ELEC. UNIT #5 UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-404 SH 6 ELEC. UNIT #6 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 6 ELEC. UNIT #6 UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-404 SH 6 ELEC. UNIT #6 UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-404 SH 7 ELEC. UNIT #7 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 7 ELEC. UNIT #7 UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-404 SH 7 ELEC. UNIT #7 UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-404 SH 8 ELEC. UNIT #8 UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-404 SH 8 ELEC. UNIT #8 UNDERGROUND RACEWAY PLAN REV 3. | - | 3 | 289497-E-404 SH 8 ELEC. UNIT #8 UNDERGROUND RACEWAY PLAN REV 3. | For Construction |
| 289497-E-404 SH 9 UNDERGROUND CONDUIT SECTIONS AND DETAILS REV 3.pdf | 289497-E-404 SH 9 UNDERGROUND CONDUIT SECTIONS AND DETAILS REV 3 | - | 3 | 289497-E-404 SH 9 UNDERGROUND CONDUIT SECTIONS AND DETAILS REV 3 | For Construction |
| 289497-E-404 SH 10 UNDERGROUND CONDUIT SECTIONS AND DETAILS REV 3.pdf | 289497-E-404 SH 10 UNDERGROUND CONDUIT SECTIONS AND DETAILS REV 3 | - | 3 | 289497-E-404 SH 10 UNDERGROUND CONDUIT SECTIONS AND DETAILS REV 3 | For Construction |
| 289497-E-404 SH 11 UNDERGROUND CONDUIT SECTIONS AND DETAILS | 289497-E-404 SH 11 | - | 3 | 289497-E-404 SH 11 UNDERGROUND | For Construction |

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|---|---|---|---|---|---|
| REV 3.pdf | UNDERGROUND CONDUIT SECTIONS AND DETAILS REV 3 | | | CONDUIT SECTIONS AND DETAILS REV 3 | |
| 289497-E-403 SH 5 ELEC. GSU #5 & STATION SERVICE XFMR UNDERGROUND RACEWAY PLAN REV 3.pdf | 289497-E-403 SH 5 ELEC. GSU #5 & STATION SERVICE XFMR UNDERGROUND RACEWAY PLAN REV 3 | - | 3 | 289497-E-403 SH 5 ELEC. GSU #5 & STATION SERVICE XFMR UNDERGROUND RACEWAY PLAN REV 3 | For Construction |
| 289497-E-205 SH 1 RAW WATER STORAGE TANK AREA GROUNDING PLAN REV 3.pdf | 289497-E-205 SH 1 RAW WATER STORAGE TANK AREA GROUNDING PLAN REV 3 | - | 3 | 289497-E-205 SH 1 RAW WATER STORAGE TANK AREA GROUNDING PLAN REV 3 | For Construction |
| 289497-E-205 SH 2 DEMINERALIZED WATER STORAGE TANK AREA GROUNDING PLAN REV 3.pdf | 289497-E-205 SH 2 DEMINERALIZED WATER STORAGE TANK AREA GROUNDING PLAN REV 3 | - | 3 | 289497-E-205 SH 2 DEMINERALIZED WATER STORAGE TANK AREA GROUNDING PLAN REV 3 | For Construction |
| 289497-E-205 SH 3 WASTE WATER TREATMENT AREA GROUNDING PLAN REV 3.pdf | 289497-E-205 SH 3 WASTE WATER TREATMENT AREA GROUNDING PLAN REV 3 | - | 3 | 289497-E-205 SH 3 WASTE WATER TREATMENT AREA GROUNDING PLAN REV 3 | For Construction |
| 289497-E-205 SH 4 WAREHOUSE & OPERATIONS BUILDING AREA GROUNDING PLAN REV 3.pdf | 289497-E-205 SH 4 WAREHOUSE & OPERATIONS BUILDING AREA GROUNDING PLAN REV 3 | - | 3 | 289497-E-205 SH 4 WAREHOUSE & OPERATIONS BUILDING AREA GROUNDING PLAN REV 3 | For Construction |
| 289497-E-205 SH 5 GAS COMPRESSOR AREA GROUNDING PLAN REV 2.pdf | 289497-E-205 SH 5 GAS COMPRESSOR AREA GROUNDING PLAN REV 2 | - | 2 | 289497-E-205 SH 5 GAS COMPRESSOR AREA GROUNDING PLAN REV 2 | For Construction |
| 289497-E-205 SH 6 AMMONIA STORAGE AREA GROUNDING PLAN REV 3.pdf | 289497-E-205 SH 6 AMMONIA STORAGE AREA GROUNDING PLAN REV 3 | - | 3 | 289497-E-205 SH 6 AMMONIA STORAGE AREA GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 1 CTG #1 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 1 CTG #1 GROUNDING | - | 3 | 289497-E-204 SH 1 CTG #1 GROUNDING PLAN REV 3 | For Construction |

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|---|---|---|---|---|---|
| | PLAN REV 3 | | | | |
| 289497-E-204 SH 2 CTG #2 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 2 CTG #2 GROUNDING PLAN REV 3 | - | 3 | 289497-E-204 SH 2 CTG #2 GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 3 CTG #3 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 3 CTG #3 GROUNDING PLAN REV 3 | - | 3 | 289497-E-204 SH 3 CTG #3 GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 4 CTG #4 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 4 CTG #4 GROUNDING PLAN REV 3 | - | 3 | 289497-E-204 SH 4 CTG #4 GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 5 CTG #5 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 5 CTG #5 GROUNDING PLAN REV 3 | - | 3 | 289497-E-204 SH 5 CTG #5 GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 6 CTG #6 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 6 CTG #6 GROUNDING PLAN REV 3 | - | 3 | 289497-E-204 SH 6 CTG #6 GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 7 CTG #7 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 7 CTG #7 GROUNDING PLAN REV 3 | - | 3 | 289497-E-204 SH 7 CTG #7 GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 8 CTG #8 GROUNDING PLAN REV 3.pdf | 289497-E-204 SH 8 CTG #8 GROUNDING PLAN REV 3 | - | 3 | 289497-E-204 SH 8 CTG #8 GROUNDING PLAN REV 3 | For Construction |
| 289497-E-204 SH 9 CTG #1 SECTIONS AND DETAILS REV 3.pdf | 289497-E-204 SH 9 CTG #1 SECTIONS AND DETAILS REV 3 | - | 3 | 289497-E-204 SH 9 CTG #1 SECTIONS AND DETAILS REV 3 | For Construction |
| 289497-E-203 SH 1 GSU #1 GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 1 GSU #1 GROUNDING PLAN REV 2 | - | 2 | 289497-E-203 SH 1 GSU #1 GROUNDING PLAN REV 2 | For Construction |
| 289497-E-203 SH 2 GSU #2 GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 2 GSU #2 GROUNDING PLAN REV 2 | - | 2 | 289497-E-203 SH 2 GSU #2 GROUNDING PLAN REV 2 | For Construction |
| 289497-E-203 SH 3 GSU #3 GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 3 GSU #3 GROUNDING PLAN REV 2 | - | 2 | 289497-E-203 SH 3 GSU #3 GROUNDING PLAN REV 2 | For Construction |
| 289497-E-203 SH 4 GSU #4 GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 4 GSU #4 | - | 2 | 289497-E-203 SH 4 GSU #4 GROUNDING PLAN | For Construction |

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| | GROUNDING PLAN REV 2 | | | REV 2 | |
| 289497-E-203 SH 5 GSU #5 & STATION SERVICE XFMR GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 5 GSU #5 & STATION SERVICE XFMR GROUNDING PLAN REV 2 | - | 2 | 289497-E-203 SH 5 GSU #5 & STATION SERVICE XFMR GROUNDING PLAN REV 2 | For Construction |
| 289497-E-203 SH 6 GSU #6 GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 6 GSU #6 GROUNDING PLAN REV 2 | - | 2 | 289497-E-203 SH 6 GSU #6 GROUNDING PLAN REV 2 | For Construction |
| 289497-E-203 SH 7 GSU #7 GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 7 GSU #7 GROUNDING PLAN REV 2 | - | 2 | 289497-E-203 SH 7 GSU #7 GROUNDING PLAN REV 2 | For Construction |
| 289497-E-203 SH 8 GSU #8 GROUNDING PLAN REV 2.pdf | 289497-E-203 SH 8 GSU #8 GROUNDING PLAN REV 2 | - | 2 | 289497-E-203 SH 8 GSU #8 GROUNDING PLAN REV 2 | For Construction |
| 289497-E-203 SH 9 GSU #1 THRU 8 SECTIONS AND DETAILS REV 2.pdf | 289497-E-203 SH 9 GSU #1 THRU 8 SECTIONS AND DETAILS REV 2 | - | 2 | 289497-E-203 SH 9 GSU #1 THRU 8 SECTIONS AND DETAILS REV 2 | For Construction |
| 289497-E-203 SH 10 STATION SERVICE TRANSFORMER SECTION DETAIL REV 2.pdf | 289497-E-203 SH 10 STATION SERVICE TRANSFORMER SECTION DETAIL REV 2 | - | 2 | 289497-E-203 SH 10 STATION SERVICE TRANSFORMER SECTION DETAIL REV 2 | For Construction |
| 289497-E-202 CTG #1 GROUNDING PLAN REV 2.pdf | 289497-E-202 CTG #1 GROUNDING PLAN REV 2 | - | 2 | 289497-E-202 CTG #1 GROUNDING PLAN REV 2 | For Construction |
| 289497-E-200 ELEC. GROUNDING DETAILS REV 3.pdf | 289497-E-200 ELEC. GROUNDING DETAILS REV 3 | - | 3 | 289497-E-200 ELEC. GROUNDING DETAILS REV 3 | For Construction |
| 289497-E-100 ELEC. SYMBOLS AND LEGEND REV 3.pdf | 289497-E-100 ELEC. SYMBOLS AND LEGEND REV 3 | - | 3 | 289497-E-100 ELEC. SYMBOLS AND LEGEND REV 3 | For Construction |

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# Sentinel-0507-MM-I&C-Control System Architecture.Plant Control System.doc

| ATTENTION: | DATE: | ACTION DATE: |
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| **See Distribution List** | **11/14/11** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: I&C Specification and drawing | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bob Figuerado

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| 289497-D-18085-R0 CONTROL SYSTEM ARCHITECTURE.pdf | 289497-D-18085-R0 CONTROL SYSTEM ARCHITECTURE | | 0 | 289497-D-18085-R0 CONTROL SYSTEM ARCHITECTURE | For Construction |
| 289497-I-SP-18020 Plant Control System-R0.pdf | 289497-I-SP-18020 Plant Control System-R0 | | 0 | 289497-I-SP-18020 Plant Control System-R0 | For Construction |
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# Sentinel-0510-MM-CSA-Ammonia Fan CEMS Skid Foundation Plan.doc

| ATTENTION: | DATE: | ACTION DATE: |
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| **See Distribution List** | **November 14, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

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Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-301 Ammonia - Fan - CEMS Skid Foundation Plan -R0.pdf | 289497-C-301 Ammonia - Fan - CEMS Skid Foundation Plan -R0 | - | 0 | 289497-C-301 Ammonia - Fan - CEMS Skid Foundation Plan - R0 | For Construction |
| | | | | | |

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# Sentinel-0515-MM-CSA-Transformer FND and PCM FND.doc

| ATTENTION: | DATE: | ACTION DATE: |
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| **See Distribution List** | **November 16, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

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Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-604 Transformer Foundation Plan-R0.pdf | 289497-C-604 Transformer Foundation Plan-R0 | - | 0 | 289497-C-604 Transformer Foundation Plan-R0 | For Construction |
| 289497-C-810 PCM Foundation Plan-R0.pdf | 289497-C-810 PCM Foundation Plan-R0 | - | 0 | 289497-C-810 PCM Foundation Plan-R0 | For Construction |
| | | | | | |
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# Sentinel-0517-MM-E-One-Line Diagram.Low Voltage 480V Switchgear.doc

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| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Electrical drawings and Specifications | |

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Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

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|---|---|---|---|---|---|
| 289497-E-107 ONE-LINE DIAGRAM 480V BOP SWGR REV 0.pdf | 289497-E-107 ONE-LINE DIAGRAM 480V BOP SWGR REV 0.pdf | - | 0 | 289497-E-107 ONE-LINE DIAGRAM 480V BOP SWGR REV 0.pdf | For Review |
| 289497-E-109 SH 1 ONE-LINE DIAGRAM 480V BOP MCC 1 REV 0.pdf | 289497-E-109 SH 1 ONE-LINE DIAGRAM 480V BOP MCC 1 REV 0.pdf | - | 0 | 289497-E-109 SH 1 ONE-LINE DIAGRAM 480V BOP MCC 1 REV 0.pdf | For Review |
| 289497-E-109 SH 2 ONE-LINE DIARGRAM 480V BOP MCC 2 REV 0.pdf | 289497-E-109 SH 2 ONE-LINE DIARGRAM 480V BOP MCC 2 REV 0.pdf | - | 0 | 289497-E-109 SH 2 ONE-LINE DIARGRAM 480V BOP MCC 2 REV 0.pdf | For Review |
| 289497-E-SP-16436 Low Voltage 480V Switchgear Rev 0.doc | 289497-E-SP-16436 Low Voltage 480V Switchgear Rev 0.doc | - | 0 | 289497-E-SP-16436 Low Voltage 480V Switchgear Rev 0.doc | For Review |
| 289497-E-SP-16443 Low Voltage 480V MCC Rev 0.docx | 289497-E-SP-16443 Low Voltage 480V MCC Rev 0.docx | - | 0 | 289497-E-SP-16443 Low Voltage 480V MCC Rev 0.docx | For Review |
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# Sentinel-0518-MM-CSA-Gas Compressor.Air Cooled Foundations.Transformer.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **November 16, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-505-Gas Compressor Foundation Plan.pdf | 289497-C-505-Gas Compressor Foundation Plan | - | 0 | 289497-C-505-Gas Compressor Foundation Plan | For Construction |
| 289497-C-506-Air cooled Foundations Plan-R0.pdf | 289497-C-506-Air cooled Foundations Plan-R0 | - | 0 | 289497-C-506-Air cooled Foundations Plan-R0 | For Construction |
| 289497-C-600-Transformer Foundation Plan-R3.pdf | 289497-C-600-Transformer Foundation Plan-R3 | - | 3 | 289497-C-600-Transformer Foundation Plan-R3 | For Construction |
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# Sentinel-0520-MM-M-Line List.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/17/11** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Line List | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-List-15560 Rev B.pdf | 289497-List-15560 Rev B | | B | 289497-List-15560 Rev B | For Review |
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# Sentinel-0521-MM-M-Packaged Compressed Air System.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/18/11** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Line List | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-M-SP-15490 Packaged Compressed Air System Rev 2.pdf | 289497-M-SP-15490 Packaged Compressed Air System Rev 2 | - | 2 | 289497-M-SP-15490 Packaged Compressed Air System Rev 2 | Conformed |
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# Sentinel-0523-MM-M-Isometrics.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **11/18/11** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Line List | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 3AA-156Z-001-R0.pdf | 3AA-156Z-001-R0 | - | 0 | 3AA-156Z-001-R0 | For Construction |
| 4AA-156Z-001-R0.pdf | 4AA-156Z-001-R0 | - | 0 | 4AA-156Z-001-R0 | For Construction |
| 5AA-156Z-001-R0.pdf | 5AA-156Z-001-R0 | - | 0 | 5AA-156Z-001-R0 | For Construction |
| 6AA-156Z-001-R0.pdf | 6AA-156Z-001-R0 | - | 0 | 6AA-156Z-001-R0 | For Construction |
| 7AA-156Z-001-R0.pdf | 7AA-156Z-001-R0 | - | 0 | 7AA-156Z-001-R0 | For Construction |
| 8AA-156Z-001-R0.pdf | 8AA-156Z-001-R0 | - | 0 | 8AA-156Z-001-R0 | For Construction |
| 0OW-106-007-R0.pdf | 0OW-106-007-R0 | - | 0 | 0OW-106-007-R0 | For Construction |
| 2AA-156Z-001-R0.pdf | 2AA-156Z-001-R0 | - | 0 | 2AA-156Z-001-R0 | For Construction |
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# Sentinel-0524-MM-M-Piping Class Sheets.doc

| ATTENTION: | DATE: | ACTION DATE: |
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| **See Distribution List** | **11/18/11** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Line List | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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|---|---|---|---|---|---|
| 289497-M-126-Piping Class Sheet-RE.pdf | 289497-M-126-Piping Class Sheet-RE | - | E | 289497-M-126-Piping Class Sheet-RE | For Review |
| 289497-M-156-Piping Class Sheet-RD.pdf | 289497-M-156-Piping Class Sheet-RD | - | D | 289497-M-156-Piping Class Sheet- RD | For Review |
| 289497-M-164Z-Piping Class Sheet-RA.pdf | 289497-M-164Z-Piping Class Sheet-RA | - | A | 289497-M-164Z-Piping Class Sheet-RA | For Review |
| 289497-M-105X-Piping Class Sheet-RA.pdf | 289497-M-105X-Piping Class Sheet-RA | - | A | 289497-M-105X-Piping Class Sheet-RA | For Review |
| 289497-M-106-Piping Class Sheet-RC.pdf | 289497-M-106-Piping Class Sheet-RC | - | C | 289497-M-106-Piping Class Sheet-RC | For Review |
| 289497-M-106Y-Piping Class Sheet-RC.pdf | 289497-M-106Y-Piping Class Sheet-RC | - | C | 289497-M-106Y-Piping Class Sheet-RC | For Review |
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# Sentinel-0529-MM-M-Blowdown Sump Pumps and Oily Water Sump.doc

| ATTENTION: | DATE: | ACTION DATE: |
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| **See Distribution List** | **11/18/11** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Blowdown Sump Pumps and Oily Water Sump | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-M-SP-15312-Blowdown Sump Pumps Rev 0 18 Nov 2011.pdf | 289497-M-SP-15312-Blowdown Sump Pumps Rev 0 18 Nov 2011 | | 0 | 289497-M-SP-15312-Blowdown Sump Pumps Rev 0 18 Nov 2011 | For Construction |
| 289497-M-SP-15310-Oily_Water_Sump__Pumps_Rev_0.pdf | 289497-M-SP-15310-Oily_Water_Sump__Pumps_Rev_0 | | 0 | 289497-M-SP-15310-Oily_Water_Sump__Pumps_Rev_0 | For Construction |
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# Sentinel-0532-MM-E-One Line Diagram.Short Circuit Report.Switchyard Relay and Metering.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
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| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Electrical drawings and Specifications | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Bill Carey

Project Engineering Manager: Val Madden

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| IO | Information Only – No Approval Required | | |
| NA | Not Approved – Not Released for Fabrication | | |

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|---|---|---|---|---|---|
| 289497-E-101 POWER ONE-LINE DIAGRAM REV 0.pdf | 289497-E-101 POWER ONE-LINE DIAGRAM REV 0 | - | 0 | 289497-E-101 POWER ONE-LINE DIAGRAM REV 0 | For Review |
| 289497-E-DC-411_Sentinel Load Flow and Motor Starting Study_Rev 0 .pdf | 289497-E-DC-411_Sentinel Load Flow and Motor Starting Study_Rev 0 | - | 0 | 289497-E-DC-411_Sentinel Load Flow and Motor Starting Study_Rev 0 | For Review |
| 289497-E-DC-401_Sentinel Short Circuit Report_Rev 0.pdf | 289497-E-DC-401_Sentinel Short Circuit Report_Rev 0 | - | 0 | 289497-E-DC-401_Sentinel Short Circuit Report_Rev 0 | For Review |
| 289497-E-170 SH 2 220kV SWITCHYARD RELAY AND METERING ONE-LINE DIAGRAM REV F.pdf | 289497-E-170 SH 2 220kV SWITCHYARD RELAY AND METERING ONE-LINE DIAGRAM REV F | - | F | 289497-E-170 SH 2 220kV SWITCHYARD RELAY AND METERING ONE-LINE DIAGRAM REV F | For Review |
| 289497-E-170 SH 1 220kV SWITCHYARD RELAY AND METERING ONE-LINE REV F.pdf | 289497-E-170 SH 1 220kV SWITCHYARD RELAY AND METERING ONE-LINE REV F | - | F | 289497-E-170 SH 1 220kV SWITCHYARD RELAY AND METERING ONE-LINE REV F | For Review |
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# Sentinel-0541-MM-M-Line List.doc

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| **See Distribution List** | **11/21/2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: Mechanical Line List | |

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Issuing Engineer: Jim Walsh

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-List-15560 Rev C.pdf | 289497-List-15560 Rev C | | C | 289497-List-15560 | For Review |
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# Sentinel-0542-MM-CSA-Intercooler Area Plan.doc

| ATTENTION: | DATE: | ACTION DATE: |
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| **See Distribution List** | **November 21, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-203 CTG Intercooler area Plan-R0.pdf | 289497-C-203 CTG Intercooler area Plan-R0 | - | 0 | 289497-C-203 CTG Intercooler area Plan-R0 | For Construction |
| 289497-C-204-CTG INTERCOOLER AREA SECTIONS-R0.pdf | 289497-C-204-CTG INTERCOOLER AREA SECTIONS-R0 | - | 0 | 289497-C-204-CTG INTERCOOLER AREA SECTIONS-R0 | For Construction |
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# Sentinel-0547-MM-CSA-Station Service Transformer Foundation Plan.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **November 22, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

**SHIPPING METHOD:** ☐ **NEXT BUSINESS MORNING** ♦ ☐ **NEXT BUSINESS DAY** ♦ ☐ **2ND DAY** ♦ ☐ **GROUND** ♦ ☐ **USPS EXPRESS** ♦ ☐ **USPS** ♦ ☒ **FTP TRANSFER** ♦ ☒ **EMAIL** ♦ ☐ **OTHER:**

Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-602 Sataion Service Transformer Foundation Plan BOTH-R3.pdf | 289497-C-602 Sataion Service Transformer Foundation Plan BOTH-R3 | - | 3 | 289497-C-602 Sataion Service Transformer Foundation Plan BOTH-R3 | For Construction |
| | | | | | |

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# Sentinel-0548-MM-CSA-Intercooler Part Plan.doc

| ATTENTION: | DATE: | ACTION DATE: |
|---|---|---|
| **See Distribution List** | **November 22, 2011** | **N/A** |
| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

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Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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| Electronic File Name | Document Number | Sht | Rev | Title | Status |
|---|---|---|---|---|---|
| 289497-C-205 CTG Intercooler Part Plan-R0.pdf | 289497-C-205 CTG Intercooler Part Plan-R0 | - | 0 | 289497-C-205 CTG Intercooler Part Plan-R0 | For constuction |
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# Sentinel-0554-MM-CSA-Transformer Foundation.doc

| ATTENTION: | DATE: | ACTION DATE: |
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| SHIP TO:<br>**Gemma Power Systems**<br>**2461 Main Street**<br>**Glastonbury, CT 06033** | PROJECT: CPV Sentinel Project<br><br>DESCRIPTION: CSA Drawings | |

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Issuing Engineer: Mike Laffey

Project Engineering Manager: Val Madden

Quantity of Sets Sent to Primary Destination: **Issued electronically**

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|---|---|---|---|---|---|
| 289497-C-600 Transformer Foundation Plan-R4.pdf | 289497-C-600 Transformer Foundation Plan-R4 | - | 4 | 289497-C-600 Transformer Foundation Plan-R4 | For Construction |
| 289497-C-601 Transformer Foundation Plan - HIGH WALL-R3.pdf | 289497-C-601 Transformer Foundation Plan - HIGH WALL-R3 | - | 3 | 289497-C-601 Transformer Foundation Plan - HIGH WALL-R3 | For Construction |
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# CBO Approvals

## Johnson, Amanda

**From:** shamica.zenn@us.bureauveritas.com
**Sent:** Tuesday, November 01, 2011 3:51 PM
**To:** karent@gemmapower.com; charlescollins@gemmapower.com; paulwest@gemmapower.com; thomasmastronarde@gemmapower.com; glennlacey@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@gemmapower.com; ericwhitehouse@gemmapower.com; carlflodquist@gemmapower.com; jean.dillon@mottmacinc.com; john.davenport@mottmacinc.com; larry.sullivan@mottmacinc.com; val.madden@mottmacinc.com; charlie.davis@mottmacinc.com; eric.pretorius@mottmacinc.com; michael.laffey@mottmacinc.com; robert.figuerado@mottmacinc.com; jim.walsh@mottmacinc.com; Nizom.ghantous@mottmacinc.com; mmcdaniels@cpv.com; jmurphy@cpv.com; mturner@cpv.com; jmcclelland@cpv.com; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; Fitzgerald, Maggie; Rushmore, Kathy; johnseidler@spectrumenergy.com; Johnson, Amanda; sharikiefer@spectrumenergy.com; William.carey@mottmacinc.com; Scott.kibby@hatchmott.com; Christopher.kirby@mottmacinc.com; Ethanmccrea@gemmapower.com; robertnosal@hatchmott.com; David.porter@mottmacinc.com; melissaslusz@gemmapower.com; brettgish@gemmapower.com; emily.smith@mottmacinc.com
**Cc:** jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com
**Subject:** CPV Sentinel – ELEC-1-2.0-Electrical Underground Conduit & Grounding-PC2 – Conditionally Approved

Hello,

The CPV Sentinel submittal ELEC-1-2.0-Electrical Underground Conduit & Grounding-PC2, has been reviewed and conditionally approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Thank you,

**Shamica Zenn**
Project Coordinator
**Bureau Veritas North America, Inc.**
180 Promenade Circle, Suite 150
Sacramento, CA 95834
Phone: 916.617.2028
Fax: 916.617.2068
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**Cc:** jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com; ted.schoppe@us.bureauveritas.com
**Subject:** CPV Sentinel – FAB-1-3.0-Submittal of Namasco Corporation Application for Approved Fabricator Status-PC1 - Approved

Hello,

The CPV Sentinel submittal FAB-1-3.0-Submittal of Namasco Corporation Application for Approved Fabricator Status-PC1, has been reviewed and approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Thank you,

**Shamfca Zenn**
Project Coordinator
**Bureau Veritas North Amerfca, fnc.**
t80 Promenade Circle, Suite t50
Sacramento, CA 95834
Phone: 9t6.6t7.2028
Fax: 9t6.6t7.2068
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## Johnson, Amanda

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**Subject:** CPV Sentinel – STRUC-1-14.0-Cooling Tower Foundation-PC2 - Approved

Hello,

The CPV Sentinel submittal STRUC-1-14.0-Cooling Tower Foundation-PC2, has been reviewed and approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Thank you,

**Shamica Zenn**
Project Coordinator
**Bureau Veritas North America, Inc.**
180 Promenade Circle, Suite 150
Sacramento, CA 95834
Phone: 916.617.2028
Fax: 916.617.2068
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## Johnson, Amanda

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**Subject:** CPV Sentinel – STRUC-1-16.0-SST Foundation-PC2 - Approved

Hello,

The CPV Sentinel submittal STRUC-1-16.0-SST Foundation-PC2, has been reviewed and approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Thank you,

**Shamica Zenn**
Project Coordinator
**Bureau Veritas North America, Inc.**
180 Promenade Circle, Suite 150
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## Johnson, Amanda

**From:** shamica.zenn@us.bureauveritas.com
**Sent:** Wednesday, November 16, 2011 10:52 AM
**To:** karent@gemmapower.com; charlescollins@gemmapower.com; paulwest@gemmapower.com; thomasmastronarde@gemmapower.com; glennlacey@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@gemmapower.com; ericwhitehouse@gemmapower.com; carlflodquist@gemmapower.com; jean.dillon@mottmacinc.com; john.davenport@mottmacinc.com; larry.sullivan@mottmacinc.com; val.madden@mottmacinc.com; charlie.davis@mottmacinc.com; eric.pretorius@mottmacinc.com; michael.laffey@mottmacinc.com; robert.figuerado@mottmacinc.com; jim.walsh@mottmacinc.com; Nizom.ghantous@mottmacinc.com; mmcdaniels@cpv.com; jmurphy@cpv.com; mturner@cpv.com; jmcclelland@cpv.com; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; Fitzgerald, Maggie; johnseidler@spectrumenergy.com; Johnson, Amanda; sharikiefer@spectrumenergy.com; William.carey@mottmacinc.com; Scott.kibby@hatchmott.com; Christopher.kirby@mottmacinc.com; Ethanmccrea@gemmapower.com; robertnosal@hatchmott.com; David.porter@mottmacinc.com; melissaslusz@gemmapower.com; brettgish@gemmapower.com; emily.smith@mottmacinc.com
**Cc:** jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com; dan.enright@us.bureauveritas.com
**Subject:** CPV Sentinel – STRUC-1-15.6 Vendor Air Intake -PC1 - Approved

Hello,

The CPV Sentinel submittal STRUC-1-15.6 Vendor Air Intake -PC1, has been reviewed and approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Thank you,

**Shamica Zenn**
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## Johnson, Amanda

**From:** barbara.tomajic@us.bureauveritas.com
**Sent:** Wednesday, November 23, 2011 10:20 AM
**To:** karent@gemmapower.com; charlescollins@gemmapower.com; paulwest@gemmapower.com; thomasmastronarde@gemmapower.com; glennlacey@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@gemmapower.com; ericwhitehouse@gemmapower.com; carlflodquist@gemmapower.com; jean.dillon@mottmacinc.com; john.davenport@mottmacinc.com; larry.sullivan@mottmacinc.com; val.madden@mottmacinc.com; eric.pretorius@mottmacinc.com; michael.laffey@mottmacinc.com; robert.figuerado@mottmacinc.com; jim.walsh@mottmacinc.com; Nizom.ghantous@mottmacinc.com; mmcdaniels@cpv.com; jmurphy@cpv.com; mturner@cpv.com; jmcclelland@cpv.com; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; Fitzgerald, Maggie; Rushmore, Kathy; johnseidler@spectrumenergy.com; Johnson, Amanda; sharikiefer@spectrumenergy.com; William.carey@mottmacinc.com; Scott.kibby@hatchmott.com; Christopher.kirby@mottmacinc.com; Ethanmccrea@gemmapower.com; David.porter@mottmacinc.com; melissaslusz@gemmapower.com; brettgish@gemmapower.com; emily.smith@mottmacinc.com
**Cc:** jamie.saldana@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; keith.long@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com; dan.enright@us.bureauveritas.com
**Subject:** CPV Sentinel – ELEC-1-2.0-Electrical Underground Conduit & Grounding-PC3 - Approved

Hello,

The CPV Sentinel submittal ELEC-1-2.0-Electrical Underground Conduit & Grounding-PC3, has been reviewed and approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

**Barbara Tomajic**
Document Control
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# CBO Submittal and Drawing List

# Submittal and Drawing List

Rev. 9

December 2, 2011

# CPV Sentinel Energy Project

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Glastonbury, CT 06033

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**CIVIL DESIGN SUBMITTALS**

| CEC Cond | CBO Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| CIVIL-1.4 | CIVIL-1.4 | Report | URS | Approval | Geotech Report | 3/21/2011 |
| GEO-1 | GEO-1.0 | Report | URS | Approval | Geotech Report | 4/26/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Existing Site Plan, Sheet 1 | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Existing Site Plan, Sheet 2 | 5/12/2011 |
| CIVIL-1 | CIVIL-1-2.1 | Drawing | Mott MacDonald | Approval | Soil and Erosion Control Plan, Sheet 1 | 5/12/2011 |
| CIVIL-1 | CIVIL-1-2.1 | Drawing | Mott MacDonald | Approval | Soil and Erosion Control Plan, Sheet 2 | 5/12/2011 |
| CIVIL-1 | CIVIL-1-2.1 | Drawing | Mott MacDonald | Approval | Soil and Erosion, Phase I - Preliminary Construction | 5/12/2011 |
| CIVIL-1 | CIVIL-1-2.1 | Drawing | Mott MacDonald | Approval | Soil and Erosion, Phase Plan | 5/12/2011 |
| CIVIL-1 | CIVIL-1-2.1 | Drawing | Mott MacDonald | Approval | Soil and Erosion, Road Plan | 5/12/2011 |
| CIVIL-1 | CIVIL-1-XX | Drawing | Mott MacDonald | Approval | Soil and Erosion Control, Typical Details | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Mass Earthwork Plan | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Grading Plan | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Fire Pump Foundaton Grading | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Grading and Drainage Plan, Sheet 1 | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Grading and Drainage Plan, Sheet 2 | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Grading and Drainage Plan, Sheet 3 | 5/12/2011 |
| CIVIL-1 | CIVIL-1-1.2 | Drawing | Mott MacDonald | Approval | Grading Plan - Construction Parking and Laydown | 5/12/2011 |
| CIVIL-1 | CIVIL-1-XX | Drawing | Mott MacDonald | Approval | Site Roads | 10/1/2011 |
| CIVIL-1 | CIVIL-1-XX | Drawing | Mott MacDonald | Approval | Pavement Details | 10/15/2011 |
| CIVIL-1 | CIVIL-1-XX | Drawing | Mott MacDonald | Approval | Fence Details | 10/15/2011 |
| TRANS-2 | TRANS-2.1 | Drawings | Mott MacDonald | Approval | Site Trailer and Parking Plan and Details | 4/8/2011 |
| TRANS-2 | TRANS-2.1 | Drawings | Mott MacDonald | Approval | Off Site Construction Parking and Laydown Plan | 4/8/2011 |
| CIVIL-1 | CIVIL-1 | Drawings | Big Horn Consulting | Approval | Melissa Lane Drawings | 4/12/2011 |
| CIVIL-1 | CIVIL-1-2.1 | Report | Mott MacDonald | Approval | SWPPP Plan | 5/13/2011 |
| CIVIL-1 | CIVIL-1 | Specification | Mott MacDonald | Approval | Clearing and Grubbing | 6/15/2011 |
| CIVIL-1 | CIVIL-1 | Specification | Mott MacDonald | Approval | Erosion / Sediment Control | 6/15/2011 |
| CIVIL-1 | CIVIL-1 | Specification | Mott MacDonald | Approval | Excavation & Back Fill | 5/2/2011 |
| CIVIL-1 | CIVIL-1 | Specification | Mott MacDonald | Approval | Chain Link Fencing | 9/15/2011 |
| CIVIL-1 | CIVIL-1-XX | Specification | Mott MacDonald | Approval | Asphalt Paving | 9/15/2011 |
| CIVIL-1 | CIVIL-1-XX | Specification | Mott MacDonald | Approval | Septic System Performance Specification | 11/1/2011 |
| CIVIL-1 | CIVIL-1-XX | Specification | Mott MacDonald | Approval | Field Painting | 1/1/2012 |
| CIVIL-1 | CIVIL-1-3.0 | Report | Mott MacDonald | Approval | Hydrology Report | 5/5/2011 |
| GEN-1 | GEN-1-1.0 | Drawings | Mott MacDonald | Approval | Power Duct Profile-Road | 5/13/2011 |
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**STRUCTURAL DESIGN SUBMITTALS**

| CEC Cond | Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| STRUC-1 | STRUC-1-1.0 PC1 | Calculation | Mott MacDonald | Approval | Lateral Force Procedure | 4/1/2011 |
| STRUC-1 | STRUC-1-1.0 PC2 | Calculation | Mott MacDonald | Approval | Lateral Force Procedure | 4/29/2011 |
| STRUC-1 | STRUC-1-2.0 | Technical Specifications | Mott MacDonald | Approval | Cast-in-Place Concrete | 4/29/2011 |
| STRUC-1 | STRUC-1-2.0 | Drawing | Mott MacDonald | Approval | Concrete General Notes | 4/29/2011 |
| STRUC-1 | STRUC-1-2.0 PC1 | Drawing, Calculations | Mott MacDonald | Approval | Fire Pump Enclosure Foundation | 4/1/2011 |
| STRUC-1 | STRUC-1-2.0 PC2 | Drawing, Calculations | Mott MacDonald | Approval | Fire Pump Enclosure Foundation | 4/29/2011 |
| STRUC-1 | STRUC-1 | Drawing | Mott MacDonald | Reference | Foundation Location Plan | 6/15/2011 |
| STRUC-1 | STRUC-1-10 | Drawing, Calculations | Mott MacDonald | Approval | Combustion Turbine Generator/Air Inlet Fndns | 7/29/2011 |
| STRUC-1 | STRUC-1-15 | Drawing, Calculations | Vendor | Approval | GE CTG & Air Inlet Structures | 7/29/2011 |
| STRUC-1 | STRUC-1-9 | Drawing, Calculations | Mott MacDonald | Approval | SCR/Exhaust Stack Foundation | 7/29/2011 |
| STRUC-1 | STRUC-1-3 | Drawing, Calculations | Vendor | Approval | SCR/Exhaust Stack Structure | 7/29/2011 |
| STRUC-1 | STRUC-1-14 | Drawing, Calculations | Mott MacDonald | Approval | Cooling Tower Foundation | 8/16/2011 |
| STRUC-1 | STRUC-1-11 | Drawing, Calculations | Mott MacDonald | Approval | Raw Water/Fire Water Tank Foundation | 8/5/2011 |
| STRUC-1 | STRUC-1-4 | Vendor Drawings, Calculations | Vendor | Approval | Raw Water/Fire Water Tank Structure | 8/3/2011 |
| STRUC-1 | STRUC-1-12 | Drawing, Calculations | Mott MacDonald | Approval | Demin Water Tank Foundations | 8/5/2011 |
| STRUC-1 | STRUC-1-6,7 | Vendor Drawings, Calculations | Vendor | Approval | Demin Water Tank Structure | 8/3/2011 |
| STRUC-1 | STRUC-1-13 | Drawing, Calculations | Mott MacDonald | Approval | Wastewater Tank Foundation | 8/5/2011 |
| STRUC-1 | STRUC-1-5 | Vendor Drawings, Calculations | Vendor | Approval | Wastewater Tank Structure | 8/3/2011 |
| STRUC-1 | STRUC-1-15 | Vendor Drawings | Vendor | Approval | CTG General Ararngement | 11/2/2011 |
| STRUC-1 | STRUC-1-15.1 | Vendor Drawings, Calculations | Vendor | Approval | Turbine Unit | 11/1/2011 |
| STRUC-1 | STRUC-1-15.2 | Vendor Drawings, Calculations | Vendor | Approval | Turbine Aux Skid | 11/1/2011 |
| STRUC-1 | STRUC-1-15.3 | Vendor Drawings, Calculations | Vendor | Approval | Generator | 11/1/2011 |
| STRUC-1 | STRUC-1-15.4 | Vendor Drawings, Calculations | Vendor | Approval | VBV Stack | 11/1/2011 |
| STRUC-1 | STRUC-1-15.5 | Vendor Drawings, Calculations | Vendor | Approval | Cooling Water Skid | 11/1/2011 |
| STRUC-1 | STRUC-1-15.6 | Vendor Drawings, Calculations | Vendor | Approval | Intake Filter House | 11/1/2011 |
| STRUC-1 | STRUC-1-15.7 | Vendor Drawings, Calculations | Vendor | Approval | Intercooler System | 11/1/201111/2 |
| STRUC-1 | STRUC-1-15.8 | Vendor Drawings, Calculations | Vendor | Approval | PCM | 11/2/2011 |
| STRUC-1 | STRUC-1-16 | Drawing, Calculations | Mott MacDonald | Approval | SST Foundation | 11/28/2011 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Vendor | Approval | Water Treatment Trailers [bracing/anchorage] | 2/12/2012 |
| STRUC-1 | STRUC-1-18 | Drawing, Calculations | Mott MacDonald | Approval | Gas Compressors and Cooler Foundations | 11/30/2011 |
| STRUC-1 | STRUC-1-18.1 | Drawing, Calculations | Mott MacDonald | Approval | Gas Compressor Coalescing Filter Foundations | 12/1/2011 |
| STRUC-1 | STRUC-1-19 | Drawing, Calculations | Mott MacDonald | Approval | Intercooler System Foundation | 11/30/2011 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Vendor | Approval | Gas Compressor | 12/16/2011 |
| STRUC-1 | STRUC-1-8.0 | Drawing, Calculations | Mott MacDonald | Approval | GSU Transformer Foundations | 7/28/2011 |
| STRUC-1 | STRUC-1-16 | Drawing, Calculations | Mott MacDonald | Approval | Station Service Transformer Foundations | 9/9/2011 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Mott MacDonald | Approval | Miscellaneous Pump Foundations, | 1/6/2012 |
| STRUC-1 | STRUC-1-20 | Drawing, Calculations | Mott MacDonald | Approval | ZLD FFE Foundation | 12/2/2011 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Mott MacDonald | Approval | Miscellaneous Sump Foundations | 1/13/2012 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Mott MacDonald | Approval | Admin/Warehouse Building Foundations | 12/15/2011 |
| STRUC-1 | STRUC-1-17 | Drawing, Calculations | Mott MacDonald | Approval | PCM Foundations | 11/30/2011 |
| STRUC-1 | STRUC-1-9.1 | Drawing, Calculations | Mott MacDonald | Approval | SCR Ancillary Skid and CEMS Enclosure Foundations | 11/30/2011 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Mott MacDonald | Approval | Switchyard Building Foundations | 12/1/2011 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Mott MacDonald | Approval | Ammonia Unloading and Storage Tank Foundations | 1/28/2012 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Mott MacDonald | Approval | Miscellaneous Equipment and Sump Foundations | 1/1/2012 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Mott MacDonald | Approval | Septic Tank Foundation | 3/1/2012 |
| STRUC-1 | STRUC-1-XX | Drawing, Calculations | Vendor | Approval | Septic Tank Structure | 3/1/2012 |
| STRUC-1 | STRUC-1-XX | Technical Specifications | Mott MacDonald | Approval | Structural Steel | 1/1/2012 |
| STRUC-1 | STRUC-1-XX | Drawing | Mott MacDonald | Approval | Steel General Notes | 1/1/2012 |
| STRUC-1 | STRUC-1-XX | Drawing | Mott MacDonald | Approval | Stair Plan Sections and Details | 1/1/2012 |
| STRUC-1 | STRUC-1-XX | Drawing | Mott MacDonald | Approval | Ladder Details | 1/1/2012 |
| STRUC-1 | STRUC-1-XX | Drawing | Mott MacDonald | Approval | Misc Framing details | 1/1/2012 |
| STRUC-1 | STRUC-1-XX | Technical Specifications | Mott MacDonald | Approval | Pre-Engineered Control/Warehouse Building | 12/9/2011 |
| STRUC-1 | STRUC-1-XX | Drawing | Mott MacDonald | Approval | Architectural General Notes | 12/16/2011 |
| STRUC-1 | STRUC-1-XX | Drawing | Mott MacDonald | Approval | Admin/Warehouse Plans, Sections and Details | 12/16/2011 |
| STRUC-1 | STRUC-1-XX | Vendor Drawings, Calculations | Vendor | Approval | Admin/Warehouse Plans, Sections and Details | 12/16/2011 |
| STRUC-1 | STRUC-1-XX | Drawing | Vendor | Approval | Switchgear Building, Plans, Sections and Details | 12/15/2011 |
| STRUC-1 | STRUC-1-XX | Vendor Drawings, Calculations | Vendor | Approval | Switchgear Building, Plans, Sections and Details | 12/1/2011 |

**STRUCTURAL DESIGN SUBMITTALS**

| CEC Cond | Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| STRUC-1 | STRUC-1-XX | Technical Specifications | Mott MacDonald | Approval | Structural Data for Mechanical and Electrical Equipment | 9/9/2011 |
| STRUC-1 | STRUC-1-XX | Technical Specifications | Mott MacDonald | Approval | Septic System Performance Specification | 12/16/2011 |
| STRUC-1 | STRUC-1-XX | Technical Specifications | Mott MacDonald | Approval | Field Painting | 1/1/2012 |
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**MECHANICAL DESIGN SUBMITTALS**

| CEC Cond | CBO Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Approval | General Arrangement Plan & Legend | 07/10/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | General Arrangement - Overall CTG Unit Typical | 07/10/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Equipment Location Plan | 07/15/11 |
| MECH-1 | MECH-1-XX | Drawings | Mott MacDonald | Reference | Equipment Location Part Plan- Area CTG 01 -08 | 07/15/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Equipment Location Plan Ammonia Tank Area | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Fuel Gas Compressors 1 | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Fuel Gas Compressors 2 | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Admin/Warehouse | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Zero Discharge System | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Waste Water Storage Tank | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Demineralized Water Tanks | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Demineralizer Trailers | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Raw Water Storage | 10/21/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Eq. Loc. Part Plan - Area Fuel Gas Metering Station | 12/01/11 |
| MECH-1 | MECH-1-1.0 | Drawings | Mott MacDonald | Approval | Underground Piping Plans - | 08/12/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Approval | Composite Piping Plans | 02/01/12 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | CTG Exhaust System SCR | 08/26/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Zero Discharge System | 11/01/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Fire Pump (Packaged Unit) & Building | 08/19/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Field Erected Tanks – , Raw Water, Demin Water,etc | 08/12/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Fuel Gas Compressors | 09/14/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | CTG Unit Cooling Tower | 10/21/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Well Water Pumps | 12/16/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Ammonia Storage Tank | 11/01/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Gas Turbine Water Wash Drains Tank | 10/21/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Piping Spec (includes all pipe classes) | 08/12/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Piping Line List | 08/12/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Buried Polyethylene Plastic Piping (Fire Protection) | 09/09/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Secondary Containment Piping (PermaPipe) | 08/12/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Fuel Gas Filter/Separator | 12/16/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Air Comp. Skid, Receiver, & Dryer | 09/14/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Cooling tower chem feed systems | 11/01/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Equipment list | 12/16/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Cast and Forged Steel Valves | 11/01/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Small Bore Valves | 11/01/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Large Butterfly and Wafer Check Valves | 11/01/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Insulation | 01/01/12 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Wastewater Sump Pumps | 12/16/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Demin Water Pumps | 11/18/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Ammonia unloading and forwarding pumps | 11/18/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Misc Centrifugal Pumps | 11/18/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Oil / Water Separator | 11/01/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Fuel Gas drains tank | 12/16/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Miscellaneous Piping Specialties | 12/16/11 |
| MECH-1 | MECH-1 | Technical Specification | Mott MacDonald | Information | Pipe Hangers | 02/01/12 |
| MECH-1 | MECH-1-XX | Drawings, Calculation, Specification | Mott MacDonald/Vendor | Approval | Fuel Gas System -Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Isometrics, Pipe Support Drawings, Pipe Support Calculations, Supporting Vendor Documents | 02/01/12 |
| MECH-1 | MECH-1-XX | Drawings, Calculation, Specification | Vendor | Approval | Sanitary Drains- Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Isometrics, Pipe Support Drawings, Pipe Support Calculations, Supporting Vendor Documents. | 01/01/12 |
| MECH-1 | MECH-1-XX | Drawings, Calculation, Specification | Mott MacDonald/Vendor | Approval | Wastewater -Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Isometrics, Pipe Support Drawings, Pipe Support Calculations, Supporting Vendor Documents. | 02/01/12 |
| MECH-1 | MECH-1-XX | Drawings, Calculation, Specification | Mott MacDonald/Vendor | Approval | Fire Protection System -Pressure Drop/Line Sizing Calculations; P&ID; Orthographics, Zone Drawings, Isometrics, Pipe Support Drawings, Underground Composites, Supporting Vendor Docuements. | 01/01/12 |
| MECH-1 | MECH-1-XX | Drawings, Calculation, Specification | Mott MacDonald/Vendor | Approval | Other Systems to be reviewed per CBO direction. | TBD |

**MECHANICAL DESIGN SUBMITTALS**

| CEC Cond | CBO Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| MECH-1 | MECH-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | CT Equipment | 01/01/12 |
| MECH-1 | MECH-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Fuel Gas Compressors | 03/01/12 |
| MECH-1 | MECH-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Compressed Air Receiver | 03/01/12 |
| MECH-1 | MECH-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Field Erected Tanks | 01/01/12 |
| MECH-1 | MECH-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Pre-Engineered Buildings | 01/13/12 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | P&ID LMS100 Sheets 1, 2, 3 | 08/12/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | P&ID Compressed Air system | 08/12/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | P&ID Ammonia System | 08/12/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | P&ID Well & Raw Water System | 08/12/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | P&ID Service and Potable Water Systems | 08/12/11 |
| MECH-1 | MECH-1-XX | Drawing | Mott MacDonald | Reference | Water Balance Diagram | 10/21/11 |
| MECH-2 | MECH-2-XX | Certifications, Reports | Vendor | Approval | Aqueous Ammonia Tank | 01/15/12 |
| MECH-2 | MECH-2-XX | Certifications, Reports | Vendor | Approval | Shop Fabricated tanks | 01/13/12 |
| MECH-2 | MECH-2-XX | Certifications, Reports | Vendor | Approval | Compressed Air Receiver | 01/13/12 |
| MECH-3 | MECH-3-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Pre-Engineered Buildings - HVAC | 01/13/12 |
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**ELECTRICAL DESIGN SUBMITTALS**

| CEC Cond | CBO Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Reference | Electrical Symbols And Legend | 6/15/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Overall Plant Power One Line Diagram | 9/16/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Vendor - GE | Approval | One Line Generator Protection And Metering | 11/1/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 4160 V Swgr | 10/21/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 4160 V MCC | 10/21/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V Load Center Unit 1 (sheet 1) | 1/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V Load Center Unit 2-8 | 10/21/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V BOP swgr | 1/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V MCC Unit 1 (sheet 1) | 3/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V MCC Unit 2-8 | 3/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V Distribution Board schedules | 3/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V MCC Bop | 1/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | One Line Diagram 480 V MCC water treatment | 1/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Dc One Line Diagram | 12/16/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Vital Ac One Line Diagram | 12/16/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Refernce | Power Panel schedules | 4/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Grounding Details | 1/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Grounding Plans Sh 1-13 | 1/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Area Classification Plan Sh 1-4 | 2/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Reference | General Site Plan - Sh1-4 | 2/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Reference | Power Block Part Plan Sh1-8 | 2/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Generator Leads Open Aluminum Bus | 1/13/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | CEMs Electrical Plan | 1/13/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Non-Seg Bus Duct | 10/1/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | General Site Lighting Plan & Details | 4/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | General Site Lighting Plan Sh 1-5 | 4/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Lighting - Ctg Areas Task Lighting - Sh 1- 8 | 5/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Lighting Misc Areas - Sh 1-12 | 5/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Underground Raceway Plans Sh 1-12 | 9/1/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Power Block Underground Raceway Plan Sh1 -8 | 10/1/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Underground Raceway Details Sh 1-16 | 10/1/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Above Ground Power Block Raceway Plans | 3/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Above Ground Raceway Plan Area 2 | 3/15/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Above Ground BOP Raceway Plan Areas | 4/1/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Schematic / Wiring Diagrams 480V Mcc Starter Typ1, 2, 3 4 | 2/17/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Schematic / Wiring Diagrams 480V Swgr Breaker Typical | 2/17/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Schematic / Wiring Diagrams 4160 Starter Typical | 2/17/2012 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Schematic / Wiring Diagrams 4160 Breaker Typical | 11/18/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Wiring Diagrams CTG1/ Interfaces Typical | 11/18/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Wiring Diagrams CTG 1-8/ Interfaces Table | 12/15/2011 |
| ELEC-1 | ELEC-1-XX | Drawings | Mott MacDonald | Approval | Connection Diagrams Sh 1-32 | 12/15/2011 |
| ELEC-1 | ELEC-1-XX | List | Mott MacDonald | Reference | Cable / Conduit Schedule | 5/1/2012 |
| ELEC-1 | ELEC-1-XX | List | Mott MacDonald | Reference | Electrical Equipment List | 12/15/2011 |
| ELEC-1 | ELEC-1-XX | List | Mott MacDonald | Reference | Motor & Load Schedule | 12/15/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Main Generator Stepup Transformer Spec | 9/15/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Station Service transformers 220kv-4.16 kv | 9/15/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 4160 V Swgr Spec | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 4160 V Mcc Spec | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Pad Mounted Transformers | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 480 V Substation/SWGR BOP & U AUX | 12/16/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 480V Mcc Spec | 12/16/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Generator Leads Open Aluminum Bus | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 4 KV Non-Seg Bus | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Dc Battery & Charger Spec | 12/15/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 120 Vac Ups Spec | 12/16/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Substation Testing & Commissioning | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Revenue Meters | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Relay and Protection Panels | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 125 V DC Station Batteries | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 220 kV Switchyard | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 220 kV Power Circuit Breaker | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 220 kV Disconnect Switches | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Surge Arrestors | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | CCVT | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | PTs | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Combined Instrument Transformers | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Yard Lighting | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | SCADA | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | 4 Kv Motor Spec | 6/15/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Low Voltage Motors (600 V And Below) | 6/15/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Cathodic Protection (Performance Spec.) | 12/16/2011 |

**ELECTRICAL DESIGN SUBMITTALS**

| CEC Cond | CBO Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Small Distribution Transformers | 2/1/2012 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Elec. Req. For Packaged Mec. Systems | 10/28/2011 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Lightning Protection Systems (Performance Spec) | 5/1/2012 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Manholes & Ductbank | 2/1/2012 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Grounding & Bonding | 2/1/2012 |
| ELEC-1 | ELEC-1 | Technical Specification | Mott MacDonald | Information | Electrical Construction Methods | 2/1/2012 |
| ELEC-1 | ELEC-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Generator Step-up Transformer | 11/18/2011 |
| ELEC-1 | ELEC-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Station Service transformers 220kv-4.16 kv | 12/15/2011 |
| ELEC-1 | ELEC-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | 4160 V Switchgear | 1/13/2012 |
| ELEC-1 | ELEC-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | 480 V Motor Control Center | 1/13/2012 |
| ELEC-1 | ELEC-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Generator Leads Open Aluminum Bus | 1/16/2012 |
| ELEC-1 | ELEC-1-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | 4 KV Non-Seg Bus | 1/16/2012 |
| ELEC-1 | ELEC-1-XX | Drawings, Calculation, Specification | Vendor | Approval | GE Electrical Equipment | 12/16/2011 |
| ELEC-1 | ELEC-1-XX | Drawings, Calculation, Specification | Mott MacDonald/Vendor | Approval | Other Systems to be reviewed per CBO direction. | TBD |
| | | | | | | |
| **220KV SWITCHYARD** | | | | | | |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | DC One Line Diagram | 1/13/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Revenue Metering Diagram | 1/13/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Ac Station Service One Line Diagram | 1/13/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Layout | 1/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Sections | 1/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Control Building Plans & Details | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Transmission Line Interface | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Relaying and Metering Control Panels | 4/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Revenue Metering Panel | 3/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Above Ground Raceway Plan | 4/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | SWYD Underground Raceway Plan- Plant | 4/11/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | SWYD Underground Raceway Plan- UTL | 4/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | SWYD Underground Raceway Details-Plant | 4/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | SWYD Underground Raceway Details-UTL | 4/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Relay & Metering Legend | 9/1/2011 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Line Differential Relay Elementary Diagram | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Lock-Out & Breaker Failure Relay Elementary Diagram | 1/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Utility Line Three-Line Metering & Relaying Diagram | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Unit Three-Line Metering & Relaying Diagram Typical | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Station Service Three-Line Metering & Relaying Diagram | 1/1/2012 |

**ELECTRICAL DESIGN SUBMITTALS**

| CEC Cond | CBO Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Unit #2-8 Three-Line Metering & Relaying Diagram | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | 220 kV Generator Breaker Close Elementary Diagram | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | 220 kV Generator Breaker Trip #1 Elementary Diagram | 2/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | 220 kV Generator Breaker Trip #2 Elementary Diagram | 3/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | 220 kV Breaker 9001 Close Elementary Diagram | 4/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | 220 kV Breaker 9001 Trip Elementary Diagram | 4/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | 220 kV Generator 1 Breaker Wiring Diagram Typical | 6/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | 220 kV Station Service Breaker Wiring Diagram Typical For 1 & 2 | 6/1/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Relay & Control Panel Wiring Diagram | 7/15/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Metering Panel Wiring Diagram | 8/15/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Communication Panel Wiring Diagram | 8/15/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Utility Aux Metering Cabinet Wiring Diagram | 8/15/2012 |
| TSE-4 | TSE-4-XX | Drawings | Mott MacDonald/Vendor | Approval | Switchyard Communication Cable Wiring Diagrams | 10/1/2012 |
| TSE-4 | TSE-4-XX | List | Mott MacDonald/Vendor | Approval | SCADA I/O List | 10/15/2012 |
| TSE-4 | TSE-4-XX | List | Mott MacDonald/Vendor | Approval | Cable & Raceway Schedule - | 11/1/2012 |
| | | | | | | |
| **Switchyard Equipment** | | | | | | |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | High Voltage SF6 220 kV Circuit Breaker | 10/21/2011 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | 220 kV Substation Design | 12/1/2011 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | SCADA DesignAnd Programing | 2/1/2012 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Relay And Control Panels | 2/1/2012 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Revenue Metering Equipment- Switchyard | 2/1/2012 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | DC System (Battery Sizing & Spec) | 2/1/2012 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | 20 kV Disconnect Switches | 3/15/2012 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | CCVT Specification | 2/1/2012 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | PT, CT Specification | 10/28/2011 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Revenue metering CT/PT combo unit | 10/28/2011 |
| TSE-4 | TSE-4-XX | Vendor Drawings, Vendor Code Certs, Specifications, Vendor Calculations | Vendor | Approval | Surge Arrestors | 10/28/2011 |
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**ELECTRICAL DESIGN SUBMITTALS**

| CEC Cond | CBO Submittal Number | Document Type | Source | Submittal Purpose | Description | Submittal Date |
|---|---|---|---|---|---|---|
| **Electrical Calculations & Studies** | | | | | | |
| ELEC-1 | ELEC-1-XX | Studies, Calculations | Mott MacDonald | Approval | Short Circuit Study (Plant) | 11/15/2011 |
| TSE-4 | TSE-4-XX | Studies, Calculations | Vendor | Approval | Short Circuit Study (Switchyard) | 1/16/2012 |
| ELEC-1 | ELEC-1-XX | Studies, Calculations | Mott MacDonald | Approval | Grounding Calculations (Plant) | 10/28/2011 |
| TSE-4 | TSE-4-XX | Studies, Calculations | Vendor | Approval | Grounding Calculations (Switchyard) | 10/28/2011 |
| ELEC-1 | ELEC-1-XX | Studies, Calculations | Mott MacDonald | Approval | Plant Relay Settings & Protection Coordination | 8/1/2012 |
| TSE-4 | TSE-4-XX | Studies, Calculations | Mott MacDonald/Vendor | Approval | Switchyard Relay Settings & Protection Coordination | 8/15/2012 |
| ELEC-1 | ELEC-1-XX | Studies, Calculations | Mott MacDonald/Vendor | Approval | Generator Protection Relay Settings ( By GE) & Protection Coordination | 8/1/2012 |
| ELEC-1 | ELEC-1-XX | Studies, Calculations | Mott MacDonald | Approval | Cable Ampacity & Derating Calculations | 12/1/2011 |
| ELEC-1 | ELEC-1-XX | Studies, Calculations | Mott MacDonald | Approval | Arc Flash Study | 9/1/2012 |
| TSE-4 | TSE-4-XX | Studies, Calculations | Vendor | Approval | Lightning Study | 2/1/2012 |
| ELEC-1 | ELEC-1-XX | Studies, Calculations | Mott MacDonald | Approval | Lighting Calculations (Plant) | 2/1/2012 |
| TSE-4 | TSE-4-XX | Studies, Calculations | Vendor | Approval | Lighting Calculations (Switchyard) | 3/1/2012 |
| | | | | | | |

**Civil/Structural/Architectural Drawings**

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| Y-001 | Title Sheet | 1 |
| Y-100 | Existing Site Plan, Sheet 1 | 1 |
| Y-101 | Existing Site Plan, Sheet 2 | 1 |
| Y-110 | Site Plan | 1 |
| Y-120 | Soil and Erosion Control Plan, Sheet 1 | 1 |
| Y-121 | Soil and Erosion Control Plan, Sheet 2 | 1 |
| Y-122 | Soil and Erosion, Phase I - Plan - Preliminary Construction | 1 |
| Y-123 | Soil and Erosion, Phase 2 - Plan | 1 |
| Y-124 | Soil and Erosion, Road Plan | 1 |
| Y-125 | Soil and Erosion Control, Typical Details - Sheet 1 | 1 |
| Y-126 | Soil and Erosion Control, Typical Details - Sheet 2 | 1 |
| Y-127 | Soil and Erosion Control, Typical Details - Sheet 3 | 1 |
| Y-130 | Mass Earthwork Plan | 1 |
| Y-131 | Mass Earthwork Sections | 1 |
| Y-140 | Grading Plan - Key Plan | 1 |
| Y-141 | Fire Pump Foundaton Grading | 1 |
| Y-142 | Grading Plan - South | 1 |
| Y-143 | Grading Plan - Center | 1 |
| Y-144 | Grading Plan - North | 1 |
| Y-145 | Grading Plan - Parcel 3 (South East) | 1 |
| Y-150 | Grading Plan - Construction Parking and Laydown | 1 |
| Y-160 | Site Roads | 1 |
| Y-165 | Pavement Details | 1 |
| Y-170 | Fence Details | 1 |
| Y-200 | Site Trailer and Parking Plan | 1 |
| Y-201 | Off Site Construction Parking and Laydown Plan | 1 |
| Y-202 | Site trailer Deck, Landing, and Ramp Details | 1 |
| Y-203 | Power Duct Profile | 1 |
| Y-204 | Plan-Construction Services Roadway | 1 |
| C-001 | Concrete General Notes | 1 |
| C-010 | Fire Pumphouse Foundation Plan & Details | 1 |
| C-100 | Foundation Location Plan | 2 |
| C-200 | Combustion Turbine Generator Fnd. Plan Sections and Details | 5 |
| C-203 | Intercooler and Cooling Water Pump Foundation | 1 |
| C-205 | Fuel Gas filter Foundation | 1 |
| C-300 | SCR Foundation Sections and Details | 3 |
| C-301 | Ammonia Flow Control Unit Skid Foundation | 1 |
| C-400 | Cooling Tower Fdns, Sections and Details | 3 |
| C-410 | Cooling Tower Chem Feed Skid Foundation | |

**Civil/Structural/Architectural Drawings**

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| C-500 | Tank Foundations drawings | 4 |
| C-504 | Demineralized Water Forwarding Pump Skid Foundation | 1 |
| C-505 | Wastewater Forwarding Pump Skid Foundation | 1 |
| C-550 | Gas Compressor Foundations | 2 |
| C-555 | Gas Filter Separator | |
| C-600 | GSU Transformer Foundations | 2 |
| C-602 | Station Service Transformer Foundations | 2 |
| C-604 | Auxiliary Transformer Foundations | 1 |
| C-605 | Open Tube Bus Support Foundations | 1 |
| C-700 | Miscellaneous Foundations, ZLD System and Pumps | 3 |
| C-710 | Miscellaneous Sump Foundations | 2 |
| C-800 | Admin/Warehouse Building Foundations | 2 |
| C-810 | Unit Control/Electric Room Foundations | 2 |
| C-820 | CEMS Enclosure Foundations | 1 |
| C-830 | Switchyard Building Foundations | 2 |
| C-840 | Miscellaneous Foundations for Stairs and Access | 3 |
| C-900 | Ammonia Unloading and Storage Tank Foundations | 4 |
| S-001 | Steel General Notes | 1 |
| S-100 | Stair Plan Sections and Details | 3 |
| S-200 | Ladder Details | 2 |
| S-300 | Misc Framing details | 3 |
| A-100 | Operations/Warehouse Building Plan | 1 |
| A-101 | Operations/Warehouse Building Elevations | 1 |
| A-102 | Operations/Warehouse Building Details | 1 |
| A-103 | Operations/Warehouse Building Ceiling | 1 |

**Mechanical Drawings**

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| G-101 | General Arrangement Plan & Legend | 1 |
| G-125 | General Arrangement – Overall CTG Unit Typical | 1 |
| G-152 | Eq. Loc. Part Plan - Area CTG 01 | 1 |
| G-153 | Eq. Loc. Part Plan - Area CTG 02 | 1 |
| G-154 | Eq. Loc. Part Plan - Area CTG 03 | 1 |
| G-155 | Eq. Loc. Part Plan - Area CTG 04 | 1 |
| G-156 | Eq. Loc. Part Plan - Area CTG 05 | 1 |
| G-157 | Eq. Loc. Part Plan - Area CTG 06 | 1 |
| G-158 | Eq. Loc. Part Plan - Area CTG 07 | 1 |
| G-159 | Eq. Loc. Part Plan - Area CTG 08 | 1 |
| G-160 | Eq. Loc. Part Plan - Area Ammonia Tank | 1 |
| G-161 | Eq. Loc. Part Plan - Area Fuel Gas Compressors 1 | 1 |
| G-162 | Eq. Loc. Part Plan - Area Fuel Gas Compressors 2 | 1 |
| G-163 | Eq. Loc. Part Plan - Area Admin/Warehouse | 1 |
| G-164 | Eq. Loc. Part Plan - Area Zero Discharge System | 1 |
| G-165 | Eq. Loc. Part Plan - Area Waste Water Storage Tank | 1 |
| G-166 | Eq. Loc. Part Plan - Area Demineralized Water Tanks | 1 |
| G-167 | Eq. Loc. Part Plan - Area Demineralizer Trailers | 1 |
| G-168 | Eq. Loc. Part Plan - Area Raw Water Storage | 1 |
| G-169 | Eq. Loc. Part Plan - Area Fuel Gas Metering Station | 1 |
| P-201 | Underground Piping Plan - Area CTG 01 | 1 |
| P-202 | Underground Piping Plan - Area CTG 02 | 1 |
| P-203 | Underground Piping Plan - Area CTG 03 | 1 |
| P-204 | Underground Piping Plan - Area CTG 04 | 1 |
| P-205 | Underground Piping Plan - Area CTG 05 | 1 |
| P-206 | Underground Piping Plan - Area CTG 06 | 1 |
| P-207 | Underground Piping Plan - Area CTG 07 | 1 |
| P-208 | Underground Piping Plan - Area CTG 08 | 1 |
| P-209 | Underground Piping Plan - Area Ammonia Tank | 1 |
| P-210 | Underground Piping Plan - Area Fuel Gas Compressors 1 | 1 |
| P-211 | Underground Piping Plan - Area Fuel Gas Compressors 2 | 1 |
| P-212 | Underground Piping Plan - Area Admin/Warehous | 1 |
| P-213 | Underground Piping Plan - Area Zero Discharge System | 1 |
| P-214 | Underground Piping Plan - Area Waste Water Storage Tank | 1 |
| P-215 | Underground Piping Plan - Area Demineralized Water Tanks | 1 |
| P-216 | Underground Piping Plan - Area Demineralizer Trailers | 1 |
| P-217 | Underground Piping Plan - Area Raw Water Storage | 1 |
| P-218 | Underground Piping Plan - Area Fuel Gas Metering Station | 1 |
| P-219 | Underground Piping Plan - Area Potable Water Pump | 1 |
| P-221 | Underground Piping Plan - Area Potable Water Pump | 1 |
| P-222 | Underground Piping Plan - Fire Protection Area CTG Units 1,2 and 3 | 1 |
| P-223 | Underground Piping Plan - Fire Protection Area CTG Units 4,5 and 6 | 1 |
| P-224 | Underground Piping Plan - Fire Protection Area CTG Units 7 and 8 | 1 |

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| P-225 | Underground Piping Plan - Area Raw Water Pump PW-2 | 1 |
| P-226 | Underground Piping Sections - CTG Area | 1 |
| P-227 | Underground Piping Sections - CTG Area | 1 |
| P-228 | Underground Piping Sections - CTG Area | 1 |
| P-229 | Underground Piping Sections - CTG Area | 1 |
| P-230 | Underground Piping Sections - CTG Area | 1 |
| P-231 | Underground Piping Sections - CTG Area | 1 |
| P-232 | Underground Piping Sections - CTG Area | 1 |
| P-233 | Underground Piping Sections - CTG Area | 1 |
| P-234 | Underground Piping Sections - CTG Area | 1 |
| P-235 | Underground Piping Sections - CTG Area | 1 |
| P-101 | Composite Piping Plan - Area CTG 01 | 1 |
| P-102 | Composite Piping Plan - Area CTG 02 | 1 |
| P-103 | Composite Piping Plan - Area CTG 03 | 1 |
| P-104 | Composite Piping Plan - Area CTG 04 | 1 |
| P-105 | Composite Piping Plan - Area CTG 05 | 1 |
| P-106 | Composite Piping Plan - Area CTG 06 | 1 |
| P-107 | Composite Piping Plan - Area CTG 07 | 1 |
| P-108 | Composite Piping Plan - Area CTG 08 | 1 |
| P-109 | Composite Piping Plan - Area Ammonia Tank | 1 |
| P-110 | Composite Piping Plan - Area Fuel Gas Compressors 1 | 1 |
| P-111 | Composite Piping Plan - Area Fuel Gas Compressors 2 | 1 |
| P-112 | Composite Piping Plan - Area Admin/Warehous | 1 |
| P-113 | Composite Piping Plan - Area Zero Discharge System | 1 |
| P-114 | Composite Piping Plan - Area Waste Water Storage Tank | 1 |
| P-115 | Composite Piping Plan - Area Demineralized Water Tanks | 1 |
| P-116 | Composite Piping Plan - Area Demineralizer Trailers | 1 |
| P-117 | Composite Piping Plan - Area Raw Water Storage | 1 |
| P-118 | Composite Piping Plan - Area Fuel Gas Metering Station | 1 |
| P-401 | Isometeric Piping Plan - Area CTG 01 | 1 |
| P-402 | Isometeric Piping Plan - Area CTG 02 | 1 |
| P-403 | Isometeric Piping Plan - Area CTG 03 | 1 |
| P-404 | Isometeric Piping Plan - Area CTG 04 | 1 |
| P-405 | Isometeric Piping Plan - Area CTG 05 | 1 |
| P-406 | Isometeric Piping Plan - Area CTG 06 | 1 |
| P-407 | Isometeric Piping Plan - Area CTG 07 | 1 |
| P-408 | Isometeric Piping Plan - Area CTG 08 | 1 |
| P-409 | Isometeric Piping Plan - Area Ammonia Tank | 1 |
| P-410 | Isometeric Piping Plan - Area Fuel Gas Compressors 1 | 1 |
| P-411 | Isometeric Piping Plan - Area Fuel Gas Compressors 2 | 1 |
| P-412 | Isometeric Piping Plan - Area Admin/Warehous | 1 |
| P-413 | Isometeric Piping Plan - Area Zero Discharge System | 1 |
| P-414 | Isometeric Piping Plan - Area Waste Water Storage Tank | 1 |
| P-415 | Isometeric Piping Plan - Area Demineralized Water Tanks | 1 |
| P-416 | Isometeric Piping Plan - Area Demineralizer Trailers | 1 |

**Mechanical Drawings**

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| P-417 | Isometeric Piping Plan - Area Raw Water Storage | 1 |
| P-418 | Isometeric Piping Plan - Area Fuel Gas Metering Station | 1 |

**I&C Drawings**

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| D-001 | P&ID Lead Sheet 1a | 1 |
| D-002 | P&ID Lead Sheet 1b | 1 |
| D-006 | P&ID Fuel Gas System Sheet 1 (Metering) | 1 |
| D-007 | P&ID Fuel Gas System Sheet 2 (FGC 1) | 1 |
| D-008 | P&ID Fuel Gas System Sheet 3 (FGC 2) | 1 |
| D-009 | P&ID Fuel Gas System Sheet 4 (FGC 3) | 1 |
| D-010 | P&ID Fuel Gas System Sheet 5 (FGC 4) | 1 |
| D-011 | P&ID Fuel Gas System Sheet 6 (FGC 5) | 1 |
| D-012 | P&ID Fuel Gas System Sheet 7 (FGC 6) | 1 |
| D-013 | P&ID Fuel Gas System Sheet 8 (FG Filters) | 1 |
| D-015 | P&ID LMS100 Sheet 1 | 1 |
| D-016 | P&ID LMS100 Sheet 2 | 1 |
| D-017 | P&ID LMS100 Sheet 3 | 1 |
| D-020 | P&ID Compressed Air system | 1 |
| D-021 | P&ID Ammonia System | 1 |
| D-022 | P&ID Well & Raw  Water System | 1 |
| D-023 | P&ID Demin Water System | 1 |
| D-024 | P&ID Waste  Water Collection | 1 |
| D-025 | P&ID Fire Protection | 1 |
| D-026 | P&ID Potable Water | 1 |
| D-029 | P&ID Zero Discharge System | 1 |
| D-050 | Water Balance Diagram | 1 |
| D-18XXX | Instrument Installation Details (As Required) | 25 |
| -SP-18001 | Instrument Index | 1 |
| -SP-18050 | I/O List | 1 |
| -D-18200 | Control System Architecture  (Network Diagram) | 1 |
| -D-18201 | Switchyard SCADA Network Diagram | 1 |
| | | |

**Electrical Drawings**

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| E-100 | Electrical Symbols And Legend | 1 |
| E-101 | Overall Plant Power One Line Diagram | 1 |
| E-104 | One Line Diagram 4160 V Swgr | 1 |
| E-106 | One Line Diagram 480 V Load Center Unit 1 (sheet 1) | 1 |
| E-106 | One Line Diagram 480 V Load Center Unit 2-8 | 7 |
| E-107 | One Line Diagram 480 V BOP swgr | 1 |
| E-108 | One Line Diagram 480 V MCC Unit 1 (sheet 1) | 1 |
| E-108 | One Line Diagram 480 V MCC Unit 2-8 | 7 |
| E-108 | One Line Diagram 480 V Distribution Board scheduels | 10 |
| E-109 | One Line Diagram 480 V MCC Bop | 1 |
| E-111 | DC One Line Diagram | 1 |
| E-112 | Vital AC One Line Diagram | 1 |
| E-113 | Power Panel Schedules | 10 |
| E-200 | Grounding Details | 1 |
| E-201 | Overall Grounding Plan | 1 |
| E-204 | CTG Area Grounding Plans Sheets 1 through 8 | 8 |
| E-205 | Grounding Plans BOP Areas Sheets 1 through 6 | 6 |
| E-300 | Area Classification Plan Sh 1-4 | 4 |
| E-301 | General Site Plan - Sh1-4 | 4 |
| E-302 | Power Block Part Plan Sh1-8 | 8 |
| E-303 | Cems Electrical Plan | 1 |
| E-310 | Generator Leads Open Aluminum Bus | 1 |
| E-311 | Non-Seg Bus Duct | 1 |
| E-360 | General Site Lighting Plan & Details | 1 |
| E-361 | General Site Lighting Plan Sh 1-5 | 5 |
| E-362 | Lighting - Ctg Areas Task Lighting - Sh 1- 8 | 8 |
| E-363 | Lighting Misc Areas - Sh 1-12 | 12 |
| E-401 | Underground Raceway Plans Sh 1-12 | 12 |
| E-402 | Power Block Underground Raceway Plan Sh1 -8 | 8 |
| E-410 | Underground Raceway Details Sh 1-16 | 16 |
| E-501 | Above GroundPower Block Raceway Plans | 8 |
| E-502 | Above Ground Raceway Plan Area 2 | 8 |
| E-503 | Above Ground BOP Raceway Plan Areas | 5 |
| E-701 | Schematic / Wiring Diagrams 480V Mcc Starter Typ1, 2, 3 4 | 4 |
| E-710 | Schematic / Wiring Diagrams 480V Swgr Breaker Typical | 1 |
| E-711 | Schematic / Wiring Diagrams 4160 Starter Typical | 1 |
| E-712 | Schematic / Wiring Diagrams 4160 Breaker Typical | 1 |
| E-720 | Wiring Diagrams CTG1/ Interfaces Tpical | 6 |
| E-721 | Wiring Diagrams CTG 1-8/ Interfaces Table | 7 |
| E-730 | Connection Diagrams Sh 1-32 | 32 |
| E-901 | Cable / Conduit Schedule | 1 |
| E-920 | Electrical Equipment List | 1 |
| E-950 | Motor & Load Schedule | 1 |
| | **230KV SWITCHYARD** | |
| E-170 | Switchyard Rel& Mtr One Line Diagram | 1 |

**Electrical Drawings**

| Drawing Number | Description | Number of Drawings |
|---|---|---|
| E-171 | Dc One Line Diagram | 1 |
| E-172 | Switchyard Revenue Metering Diagram | 1 |
| E-173 | Ac Station Service One Line Diagram | 1 |
| E-370 | Switchyard Layout | 1 |
| E-371 | Switchyard Sections | 4 |
| E-373 | Switchyard Control Building Plans & Details | 5 |
| E-374 | Transmission Line Interface | 1 |

# CBO Payment Receipt

## Johnson, Amanda

**From:** Mark McDaniels <mmcdaniels@cpv.com>
**Sent:** Tuesday, December 06, 2011 1:20 PM
**To:** Johnson, Amanda
**Cc:** Fitzgerald, Maggie
**Subject:** FW: Bureau Veritas Payment Receipt - October Invoice

---

**From:** sabrina.dickinson@us.bureauveritas.com [mailto:sabrina.dickinson@us.bureauveritas.com]
**Sent:** Tuesday, December 06, 2011 12:54 PM
**To:** Mark McDaniels; Michael Lewis
**Cc:** dan.enright@us.bureauveritas.com
**Subject:** Bureau Veritas Payment Receipt - October Invoice

Good Afternoon,

This is the confirm that we have received payment for the following invoice:

Invoice 1130721
Dated 10/19/2011
In the amount of $69,516.10

Thank you!

**Sabrina Dickinson**
Office Manager – Power & Utilities
**Bureau Veritas North America, Inc.**
180 Promenade Circle Suite 150
Sacramento, CA 95834
P: 916.617.2028
F: 916.617.2068
D: 916.514.4513
C: 916-627-9832
sabrina.dickinson@us.bureauveritas.com
www.us.bureauveritas.com/energyusa
**ISO 9001:2008 Certified**

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# APPENDIX C
# WEAP Acknowledgement Forms

# WORKER ENVIRONMENTAL AWARENESS PROGRAM

# TRAINING ACKNOWLEDGEMENT

**CPV Sentinel Energy Project**

***PLEASE NOTE:*** By signing below, I acknowledge that I have received training at education session prior to beginning work on this project. During that session, I was provided information about the biology resources, cultural resources and paleontological resources in the project area.

I, the undersigned individual, have read and understand the measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-1-11 | Martha Wiles | Gemma | MEWiles | |
| 11-1-11 | MARVIN ELIAS | GEMMA | M Elias | |
| 11-1-11 | JOSE A. GRIJALVA | GEMMA | Jose A. Grijalva | |
| 11-1-11 | Pedro RUIZ | Gemma | | |
| 11-1-11 | Miguel Vinnmontes | GRIFFITH | | |
| 11-1-11 | Chris Wells | PCS | | |
| 11-1-11 | Matt Johnson | PCS | | |
| 11-1-11 | Aurelio Diaz | | | |
| 11-1-11 | Porfirio Iniguez | | | |
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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-2-11 | David Perez | GEMMA | David Perez | [illegible] |
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11-3-11

# WORKER ENVIRONMENTAL AWARENESS PROGRAM

## TRAINING ACKNOWLEDGEMENT

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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-3-11 | John J. Borden | Gemma | John J. Borden | [illegible] |
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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11/4 | Tom Taylor | Gemma | [illegible] | [illegible] |
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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-10-11 | Fred Avmbruster | Gemma | | |
| 11-10-11 | David Kullinski | Bureau Veritas | | |
| 11-10-11 | GABRIEL MAGNEZ | GRIFFITH | | |
| 11/10/11 | JEFF TABOR | IFSA | | |
| 11-10-11 | ROBERT WOLFF | GRIFFITH | | |
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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-14 | John MacAfee | Gemma | [illegible] | MR |
| 11-14 | Kevin Gunderson | MJ Electric | [illegible] | |
| 11-14 | Bill Hopson | Bender | Bill Hopson | |
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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11/16 | Bryce Bubion | PCS | | |
| 11/16 | Joshua Micetich | PCS. | | |
| 11/16 | MIKE SIMFFIN | | | |
| 11/16 | MATT DEAN | GRIFFITH | | |
| 11/16 | Franco Rodriguez | Griffith | | |
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**CPV Sentinel Energy Project**

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I, the undersigned individual, have read and understand the measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11/17 | Nathan Rom | Griffin | Nathan Rom | [illegible] |
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# WORKER ENVIRONMENTAL AWARENESS PROGRAM

## TRAINING ACKNOWLEDGEMENT

**CPV Sentinel Energy Project**

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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-21-11 | MIKE OBRIEN | UNIVERSITY MECH | [illegible] | [illegible] |
| 11-21-11 | Kris O'Brien | University Mech | Kris O'Brien | |
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# WORKER ENVIRONMENTAL AWARENESS PROGRAM

## TRAINING ACKNOWLEDGEMENT

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| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-22-11 | Brandon Hubbard | U-mec | Brandon E Hubbard | ML |
| 11-22-11 | Daniel Cervantes | Univ Mech | D. Cervantes | |
| 11-22-11 | Thomas Delcourt | Univ. Mech | [illegible] | |
| 11-22-11 | Gary Luker | Univ Mech | Gary Luker | |
| 11-22-11 | Jason Brosius | Univ. Mech | [illegible] | |
| 11-22-11 | George Solis | University Mech | George Solis | |
| 11-22-11 | Keith Daniels | University Mech | Keith Daniels | |
| 11-22-11 | Hugh Brown | University Mech | Hugh Brown | |
| 11-22-11 | Darnell Mariano | University Mech | [illegible] | |
| 11-22-11 | John Paul Pisbeon | University Mech | [illegible] | |
| 11-22-11 | Adrien Houlemard | University Mech | Adrien Houlemard | |
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# WORKER ENVIRONMENTAL AWARENESS PROGRAM

# TRAINING ACKNOWLEDGEMENT

**CPV Sentinel Energy Project**

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I, the undersigned individual, have read and understand the measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11/23 | William Maloy | University Mech. | William K Maloy | [illegible] |
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# WORKER ENVIRONMENTAL AWARENESS PROGRAM

## TRAINING ACKNOWLEDGEMENT

**CPV Sentinel Energy Project**

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I, the undersigned individual, have read and understand the measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11-28-11 | Bob Woolley | Graver | Bob Woolley | |
| 11-28-11 | William P Kuhn III | Graver | William P Kuhn III | |
| 11-28-11 | Tim Goodman | GRAVER | Tim Goodman | |
| 11-28-11 | Jonathan LeStrange | Graver | | |
| 11/28/11 | RANDY BOTWINIS | GRAVER | | |
| 11/28/11 | William P Kuhn | Graver | William P Kuhn | |
| 11/28/11 | Tony Cvitanovich | RMASINA | Tony Cvitanovich | |
| 11/28/11 | Jason E Chiappini | Graver | Jason E Chiappini | |
| 11/28/11 | Johnny Flowers Sr | Grifith | | |
| 11/28/11 | Ricardo Angiuoro | Grifith | | |
| 11/28/11 | Linda Sandoval | Gemma | Linda Sandoval | |
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# WORKER ENVIRONMENTAL AWARENESS PROGRAM

## TRAINING ACKNOWLEDGEMENT

**CPV Sentinel Energy Project**

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I, the undersigned individual, have read and understand the measures and agree to comply with all provisions of the program. I am aware that I may incur civil and/or criminal penalties if I do not conform to the required measures.

| Date | Trainee (Print Name) | Trainee Affiliation | Trainee Signature | Trainer |
|---|---|---|---|---|
| 11/29/11 | John McLarty | GemnA | John McLarty | [illegible] |
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# APPENDIX D
# Worker Safety

# PROJECT SAFETY EVALUATION - Jobsite Inspection

| | | | | | |
|---|---|---|---|---|---|
| Project Name: | CPV-Sentinel | Project #: | 1101253 | Site Manager: | Charles Collins |
| Client: | CPV | Date: | 11/16/11 | Project Superintendent: | Paul West |
| # Workers: | 53 | Evaluator: | M. Bennett | Safety Manager: | M. Lee |

Current Safety Statistics

| | | | | | |
|---|---|---|---|---|---|
| Incident Rate: | 0 | Lost Time Rate: | 0 | Lost Work Day Incident Rate: | 0 |

| | |
|---|---|
| Total Points Received | 196 |
| Total Points Possible | 203 |
| Points Received divided by Points Possible = % Compliance | 96% |

Subtract points if item not required to be implemented.

| Rating | Percent | Action |
|---|---|---|
| Excellent | >95% | No action needed, strive for 100%. Safety plan is fully implemented. |
| Good | 90-95% | Develop and publish action plans for improvement |
| Fair | 80-90% | Arrange for on-site assistance |
| Marginal | <80% | |

Safety Manager Signature

Site Manager Signature

| AREA OF EVALUATION | Points Possible | Points Earned | ACTION REQUIRED |
|---|---|---|---|
| 1. Safety Program Administration | | | |
| a. Incident Rate at 0 (3 points), improving (1 point), increasing (0 points) | 3 | 3 | |
| b. Lost Time Rate at 0 (3 points), improving (1 point), increasing (0 points) | 3 | 3 | |
| c. LWDI at 0 (3 points), improving (1 point), increasing (0 points) | 3 | 3 | |
| d. Workers' Comp $/mh .03 or less (3 points) .03-.10 (1 point) | 3 | 3 | |
| e. Are OSHA and other required notices posted | 2 | 2 | |
| f. Are required safety meetings held | 4 | 4 | |
| g. Are medical service, first aid equipment, and emergency plans in place | 2 | 2 | |
| h. Is the relationship with a doctor, clinic, and hospital established and effective | 2 | 2 | |
| i. Are safety records kept up-to-date and available | 3 | 3 | |
| j. Are emergency numbers and access/egress posted | 2 | 2 | |
| Total Points | 27 | 27 | |
| | | | |
| 2. Housekeeping and Sanitation | | | |
| a. General neatness of work areas | 2 | 2 | |
| b. Regular disposal of waste and trash | 2 | 2 | |
| c. Passageways and walkways clear and unobstructed | 2 | 2 | |
| d. There is adequate lighting | 2 | 2 | |
| e. Projecting nails are removed | 2 | 0 | Second notice |
| f. Oil and grease is removed | 2 | 2 | |
| g. Waste containers are provided and used | 2 | 2 | |
| h. Sanitary facilities are adequate and clean | 2 | 2 | |
| I. An adequate supply of water or water jugs is available | 3 | 3 | |
| j. Disposable drinking cups and waste containers are available | 2 | 2 | |
| Total Points | 21 | 19 | |

# PROJECT SAFETY EVALUATION - Jobsite Inspection

| AREA OF EVALUATION | Points Possible | Points Earned | ACTION REQUIRED |
|---|---|---|---|
| 3. Fire Prevention | | | |
| a. Fire instructions are given to personnel | 2 | 2 | |
| b. Fire extinguishers are identified and checked monthly | 3 | 3 | |
| c. Phone number of the fire department is posted | 2 | 2 | |
| d. Hydrants are clear and access to public thoroughfare is open | 0 | n/a | |
| e. "No Smoking" signs are posted and enforced where needed | 2 | 1 | Corrected |
| f. Fire extinguishers are properly mounted or placed | 2 | 2 | |
| Total Points | 11 | 10 | |
| | | | |
| 4. Hand Tools | | | |
| a. Proper tools are being used for each job | 2 | 1 | Corrected |
| b. Tools are stored neatly and carried safety | 2 | 2 | |
| c. Tools are inspected and maintained | 2 | 2 | |
| d. Damaged tools are repaired or replaced promptly. Employee tools are inspected and repaired. | 2 | 2 | |
| Total Points | 8 | 7 | |
| | | | |
| 5. Electrical | | | |
| a. Adequate wiring, well insulated | 2 | 2 | |
| b. Proper fuse and breaker protection is provided | 2 | 2 | |
| c. Monthly ground assurance programs are in effect | 2 | 2 | |
| d. Electrical dangers are posted | 2 | 2 | |
| e. Proper fire extinguishers are provided | 2 | 2 | |
| f. Breaker boxes and switches are properly labeled | 2 | 2 | |
| g. Lockout/Tagout procedures are fully implemented | 2 | 2 | |
| Total Points | 14 | 14 | |
| | | | |
| 6. Power Tools | | | |
| a. Good housekeeping is maintained where tools are used | 2 | 1 | Improving |
| b. Tools and cords are in good condition | 2 | 2 | |
| c. Proper grounding | 2 | 2 | |
| d. Proper instruction is in use | 2 | 2 | |
| e. All mechanical safeguards are in use | 2 | 2 | |
| f. Tools are stored neatly when not in use | 2 | 2 | |
| g. Correct tool is being used for the job at hand | 2 | 2 | |
| h. Wiring is properly installed | 2 | 2 | |
| i. Pressure locks are removed | 2 | 2 | |
| Total Points | 18 | 17 | |

# PROJECT SAFETY EVALUATION - Jobsite Inspection

| AREA OF EVALUATION | Points Possible | Points Earned | ACTION REQUIRED |
|---|---|---|---|
| 7. Powder-Actuated Tools | | | n/a |
| a. All laws and ordinances are complied with | | | |
| b. All operators are qualified, carded and trained | | | |
| c. Tools and charges secured and separated | | | |
| d. Competent instruction and supervision is given | | | |
| e. Tools are checked and in good working order | | | |
| f. Tools are not used on anything other than recommended materials | | | |
| g. Safety goggles or face shields are worn | | | |
| h. Flying hazards checked by backing up, removal of personnel, or use of captive stud tool | | | |
| Total Points | 0 | 0 | |
| | | | |
| 8. Ladders | | | |
| a. Ladders are inspected and in good condition | 2 | 2 | |
| b. Ladders are properly secured to prevent slipping, sliding, or falling | 2 | 1 | Corrected |
| c. Do ladder side rails extend 36" above top of landing? | 2 | 2 | |
| d. Rungs or cleats over 12" on center | 2 | 2 | |
| e. Step-ladders are fully open when in use | 2 | 2 | |
| f. Metal ladders are not used around electrical hazards | 2 | 2 | |
| g. Proper maintenance and storage of ladders | 2 | 2 | |
| Total Points | 14 | 13 | |
| | | | |
| 9. Steel Erection | | | n/a |
| a. Safety nets or planked floors are used | | | |
| b. Temporary periphery cable is at each floor level | | | |
| c. Taglines are used for tools | | | |
| d. Floor opening is covered and barricaded | | | |
| e. Ladders, stairs, or other access is provided | | | |
| f. Hoisting apparatus is checked | | | |
| Total Points | 0 | 0 | |
| 10. Motor Vehicles | | | |
| a. Vehicles regularly inspected | 2 | 2 | |
| b. Drivers are qualified | 2 | 2 | |
| c. Local and state vehicle laws and regulations are observed | 2 | 2 | |
| d. Brakes, lights, and warning devices are operational | 2 | 2 | |
| e. Weight limits and load sizes controlled. Ice, grease? | 2 | 2 | |
| g. All glass in good condition | 2 | 2 | |
| h. Back up alarms provided when needed | 2 | 2 | |
| i. Fire extinguishers installed | 2 | 2 | |
| j. Seat belts used | 2 | 2 | |
| Total Points | 18 | 18 | |

# PROJECT SAFETY EVALUATION - Jobsite Inspection

| AREA OF EVALUATION | Points Possible | Points Earned | ACTION REQUIRED |
|---|---|---|---|
| 11. Scaffolding | | | n/a |
| a. Erection is properly supervised by a competent person | | | |
| b. All structural members meet the safety factor | | | |
| c. All connections are secure | | | |
| d. Working areas are free of debris, snow, ice, and grease | | | |
| e. Planking cleats in place | | | |
| f. Workers are protected from falling objects | | | |
| g. The scaffold is plumb and square, with cross bracing | | | |
| h. Guard rails, intermediate rails and toe boards are in place | | | |
| i. Scaffold equipment is in good working order | | | |
| j. Ropes and cables are in good condition | | | |
| Total Points | 0 | 0 | |
| | | | |
| 12. Hoists, Cranes, and Derricks | | | n/a |
| a. A competent person is designated | | | |
| b. Cables and sheaves inspected monthly | | | |
| b. Slings and chains, hook and eyes checked | | | |
| c. Equipment is firmly supported | | | |
| d. Outriggers used as required | | | |
| e. Power lines inactivated, removed, or at a safe distance | | | |
| f. Proper loading for capacity at lifting radius | | | |
| g. All equipment is properly lubricated and maintained | | | |
| h. There are signalmen where needed | | | |
| i. Signals are understood and observed | | | |
| j. Inspection and maintenance logs maintained | | | |
| k. Load charts are posted in the cab | | | |
| l. Fire extinguisher is installed | | | |
| Total Points | 0 | 0 | |
| | | | |
| 13. Heavy Equipment | | | Not observed |
| a. Regular inspection and maintenance logs completed | | | |
| b. Lubrication and repair of moving parts done | | | |
| c. Lights, brakes, and warning signals are operative | | | |
| d. Wheels chocked when necessary | | | |
| e. Haul road well maintained and laid out properly | | | |
| f. Back-up alarms installed and audible | | | |
| g. High-visibility safety vests required | | | |
| h. Equipment is protected from theft when not in use | | | |
| i. Shut-off devices are on hose lines in case of hose failure | | | |
| j. Noise arresters are in use | | | |
| k. Fire extinguisher is installed | | | |
| Total Points | 0 | 0 | |

# PROJECT SAFETY EVALUATION - Jobsite Inspection

| AREA OF EVALUATION | Points Possible | Points Earned | ACTION REQUIRED |
|---|---|---|---|
| 14. Barricades | | | |
| a. Floor openings planked over or barricaded | 0 | n/a | |
| b. Red and Yellow barricade tape used | 2 | 2 | |
| c. Roadways and sidewalks are effectively protected | 2 | 2 | |
| d. Adequate lighting is provided | 2 | 2 | |
| e. All barricades labeled | 2 | 2 | |
| f. Traffic controlled | 2 | 2 | |
| Total Points | 10 | 10 | |
| | | | |
| 15. Personal Protective Equipment | | | |
| a. Eye protection | 2 | 2 | |
| b. Face shields | 2 | 2 | |
| c. Respirators and masks | 0 | n/a | |
| d. Helmets and hoods | 0 | n/a | |
| e. Head protection | 2 | 2 | |
| f. Gloves, aprons, and sleeves; rubber or plastic, designed to afford protection from alkalis and acids; electricians' rubber gloves with protectors | 2 | 2 | |
| g. Respirators for harmful dust, asbestos, sand blasting, welding (lead paint and galvanized zinc or cadmium). Adequate ventilation when painting or applying epoxy resins. When there is question about injurious exposure, notify superior immediately who in turn shall arrange for atmospheric samples to be taken. | 0 | n/a | Not observed |
| h. Proper fall protection (safety harness, retractables, etc) | 2 | 2 | |
| Total Points | 10 | 10 | |
| | | | |
| 16. Handling and Storage of Materials | | | |
| a. Materials are properly stored or stacked | 2 | 2 | |
| b. Passageways are clear | 2 | 1 | Corrected |
| c. Stacks on firm footings and not too high | 2 | 2 | |
| d. Laydown areas neat and organized | 2 | 2 | |
| e. Workers are lifting loads correctly | 2 | 2 | |
| f. Materials protected from weather conditions | 2 | 2 | |
| g. Protection against falling into hoppers and bins provided | 0 | n/a | |
| h. Dust protection is observed | 2 | 2 | |
| i. Extinguishers and other fire protection available | 2 | 2 | |
| j. Traffic in storage area controlled | 2 | 2 | |
| Total Points | 18 | 17 | |
| | | | |
| 17. Masonry | | | |
| a. Proper scaffolding used | 0 | n/a | |
| b. Masonry saws properly equipped and dust protection provided | 2 | 2 | |
| c. Safe hoisting equipment used | 2 | 2 | |
| Total Points | 4 | 4 | |

# PROJECT SAFETY EVALUATION - Jobsite Inspection

| AREA OF EVALUATION | Points Possible | Points Earned | ACTION REQUIRED |
|---|---|---|---|
| | | | |
| 18. Welding and Cutting | | | n/a |
| a. Screens and shields used | | | |
| b. Goggles, gloves, and proper clothing worn | | | |
| c. Equipment is in good operating condition | | | |
| d. Electrical equipment is grounded | | | |
| e. Power cables are protected and in good repair | | | |
| f. Fire extinguishers of proper type nearby | | | |
| g. Inspection for fire hazards done | | | |
| h. Flammable materials are protected | | | |
| i. Gas cylinders are chained upright and caps are in use | | | |
| j. Gas lines are protected and in good condition | | | |
| k. Carts are available for moving cylinders | | | |
| Total Points | 0 | 0 | |
| | | | |
| 19. Flammable Gases and Liquids | | | |
| a. All containers clearly identified | 2 | 2 | |
| b. Signs posted: "No Smoking", "Flammable Materials" | 2 | 2 | |
| c. Fire Extinguishers within 25 feet | 2 | 2 | |
| d. Proper storage practices are observed | 2 | 2 | |
| e. Fire hazards checked | 2 | 2 | |
| f. Proper types and number of extinguishers are kept nearby | 2 | 2 | |
| g. Carts are available for moving cylinders | 0 | n/a | Not observed |
| h. Storage area bermed for spills (should hold 2 1/2 times largest tank) | 2 | 2 | |
| Total Points | 14 | 14 | |
| | | | |
| 20. Excavation and Shoring | | | |
| a. Adjacent structures properly shored | 2 | 2 | |
| b. Proper shoring and sheathing used for soil and depth | 2 | 2 | |
| c. Roads and sidewalks supported and protected | 2 | 2 | |
| d. Excavation barricaded and lighting is provided | 2 | 2 | |
| e. Equipment is a safe distance from edge of excavation | 2 | 2 | |
| f. Ladders provided where needed | 2 | 1 | Corrected |
| g. Equipment ramps are adequate | 2 | 1 | Corrected |
| h. Competent person designated | 2 | 2 | |
| i. Job supervision is adequate | 2 | 2 | |
| Total Points | 18 | 16 | |

# PROJECT SAFETY EVALUATION - Jobsite Inspection

| AREA OF EVALUATION | Points Possible | Points Earned | ACTION REQUIRED |
|---|---|---|---|
| 21. Garages and Repair Shops | | | n/a |
| a. Fire hazards checked | | | |
| b. Proper dispensing of fuels and lubricants | | | |
| c. Good housekeeping observed | | | |
| d. Adequate lighting | | | |
| e. Fuels and lubricants in proper condition | | | |
| f. Area is well ventilated to prevent carbon monoxide and other fumes | | | |
| g. Proper grounding and bonding used | | | |
| Total Points | 0 | 0 | |
| | | | |
| 22. Concrete Construction | | | |
| a. Forms properly installed and braced | 2 | 2 | |
| b. Adequate shoring, plumbed and cross braced | 2 | 2 | |
| c. Shoring remains in place until strength is attained | 2 | 2 | |
| d. Heating devices checked | 0 | n/a | |
| e. Mixing and transport equipment is supported and traffic planned and routed | 2 | 2 | |
| f. Adequate runways provided | 2 | 2 | |
| g. Protection from cement dust and concrete contact observed | 2 | 2 | |
| h. Shirts covering skin used | 2 | 2 | |
| i. Nails and stripped form material removed from area | 2 | 0 | Second notice |
| Total Points | 16 | 14 | |

# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11-1-11

Name of Person Conducting Meeting: M. [illegible]

### Attendees

| Name | Signature |
|---|---|
| Martha Wiles | M E Wiles |
| MARVIN ELIAS | M Elias |
| JOSE A. GRIJALVA | Jose A. Grijalva |
| Pedro RUIZ | [illegible] |
| Miguel Vizcarra | Miguel Vizcarra |
| Chris Wells | [illegible] |
| Matt Johnson | [illegible] |
| Aurelio DIAZ | [illegible] |
| Porfirio Iniguez Cruz | |
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## Gemma Power Systems California, Inc.

### PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11-2-11

Name of Person Conducting Meeting: M.

**Attendees**

| Name | Signature |
|---|---|
| David Perez | David Perez |
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# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11-3-11

Name of Person Conducting Meeting: [illegible]

### Attendees

| Name | Signature |
|---|---|
| John J. Borden | [illegible] |
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# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11-4-11

Name of Person Conducting Meeting: [illegible]

### Attendees

| Name | Signature |
|---|---|
| Tom Taylor | [illegible] |
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# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11-7-11

Name of Person Conducting Meeting: M. LEE

### Attendees

| Name | Signature |
|---|---|
| Jack Phillips | Jack Phillips |
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# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11-20-11

Name of Person Conducting Meeting: M. LEE

### Attendees

| Name | Signature |
|---|---|
| Fred Armbruster | |
| David Kudlinski | |
| GABRIEL MAYNEZ | |
| ROBERT WOLF | |

## Gemma Power Systems California, Inc.

### PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11-14-11

Name of Person Conducting Meeting:

**Attendees**

| Name | Signature |
|---|---|
| John MAC Aker | John W MacAker |
| Kevin Gunderson | [illegible] |
| Bill Hopson | Bill Hopson |
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## Gemma Power Systems California, Inc.

### PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11/16/11

Name of Person Conducting Meeting: M. LEE

**Attendees**

| Name | Signature |
|---|---|
| Bryce Budion | |
| Joshua Micevich | |
| Mike Swiffin | |
| Matt Dean | |
| Franco Rodriguez | |
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# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA (GRIFFITH)

Date Given: 11/17/11

Name of Person Conducting Meeting: M. LEE

### Attendees

| Name | Signature |
|---|---|
| Nathan Rom | Nathan Rom |
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## Gemma Power Systems California, Inc.

### PROJECT ORIENTATION ATTENDANCE FORM

Contractor: UNIVERSITY MECH @ GEMMA

Date Given: 11/21/11

Name of Person Conducting Meeting: M. LEE

**Attendees**

| Name | Signature |
|---|---|
| Kris O'Brien | Kris O'Brien |
| MIKE O'BRIEN | [illegible] |
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**Gemma Power Systems California, Inc.**

**PROJECT ORIENTATION ATTENDANCE FORM**

Contractor: University Mechanical

Date Given: 11-22-11

Name of Person Conducting Meeting:

**Attendees**

| Name | Signature |
|---|---|
| George W. Solis | George W. Solis |
| Jason Brosius | |
| Daniel Cervantes | D. Cervantes |
| Brandon E Hubbard HUB | B E Hubbard |
| Thomas Delcourt | |
| Gary Luker | |
| BRIAN ABNEY | |
| Hugh Brown | Hugh Brown |
| KEITH DANIELS | |
| Barnett Morians | |
| John Paul Pidgeon | John Paul Pidgeon |
| Adrien Houbemard | Adrien Houbemard |

# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11/23

Name of Person Conducting Meeting: M. LEE

### Attendees

| Name | Signature |
|---|---|
| William K. Maloy | [illegible] |
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# Gemma Power Systems California, Inc.

## PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11/28/11

Name of Person Conducting Meeting: M. LEE

### Attendees

| Name | Signature |
|---|---|
| Bob Woolley | Bob Woolley |
| William P. Kuhn III | William P. Kuhn III |
| Tim Goodenough | Tim Goodenough |
| RANDY BOWMAN | Randy Bowman |
| Jonathan Lefkowitz | [illegible] |
| TONY CVETANOVICH | Tony Cvetanovich |
| William P. Kuhn | William P. Kuhn |
| Joseph E. Chiappini | [illegible] |
| John W. Flowers IV | [illegible] |
| Ricardo Anguiano | [illegible] |
| Linda Sandoval | Linda Sandoval |

## Gemma Power Systems California, Inc.

### PROJECT ORIENTATION ATTENDANCE FORM

Contractor: GEMMA

Date Given: 11/29/11

Name of Person Conducting Meeting:

**Attendees**

| Name | Signature |
|---|---|
| John McCarty | |
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# APPENDIX E
# Biological Resources Monthly Summary Report

URS

# Memorandum

Date: December 6, 2011

To: Amanda Johnson, CPV Sentinel Assistant Compliance Manager, URS Corporation

From: David Kisner, CPV Sentinel Designated Biologist, URS Corporation

Subject: November 2011 Monthly Biology Compliance Summary Report for the CPV Sentinel Project

This monthly compliance summary report is being submitted to comply with conditions set forth by California Energy Commission (CEC). Project description information is contained within the following references and summarized below:

1. CPV Sentinel, LLC. 2007. CPV Sentinel Energy Project Application for Certification (07-AFC-35); and
2. California Energy Commission. 2010. Final Commission Decision – CPV Sentinel Energy Project Application for Certification (07-AFC-3) Riverside County.

Table 5 within the CPV Sentinel (Sentinel) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) provides a summary of compliance and mitigation measures identified by the CEC in the Conditions of Certification. Biological impacts have been minimized to the extent practical and linear facilities have been sited adjacent to existing roadways, to the greatest extent practical. The Project is located in, and surrounded by existing wind farms.

**November 2011 Construction Activities Monitored**

Sentinel construction activities during this reporting period within the 37-acre project site and along Melissa Lane included:

- Continued construction on Melissa Lane;
- Continued construction on major foundations (e.g. Combustion Turbines, tanks, etc.);
- Commenced construction of underground piping; and
- Commenced construction of Raw Water Tank.

**Specific Mitigation Measures Implemented in November 2011 Include:**

- BIO-5: Worker Environmental Awareness (WEAP) training.

  The WEAP training video is administered on the first day that staff joins the Sentinel project. A complete list of all Sentinel project employees trained is available upon request.

- BIO-8: Mitigation Management to Avoid Harassment or Harm.

  The on-site biological monitors are ensuring that the following measures are being followed:

  1. Install temporary fencing and provide wildlife escape ramps for construction areas that contain steep-walled holes or trenches if outside of an approved, permanent exclusionary fence. The temporary fence shall be hardware cloth or similar materials that are approved

by USFWS. Before such holes or trenches are filled, they shall be thoroughly inspected for trapped animals by the Designated Biologist or Biological Monitor;

2. Make certain all food-related trash is disposed of in closed containers and removed at least once a week;
3. Prohibit feeding of wildlife by staff and subcontractors;
4. Prohibit non-security related firearms or weapons from being brought to the site;
5. Prohibit pets from being brought to the site;
6. Report all inadvertent deaths of sensitive species to the appropriate project representative. Injured animals shall be reported to CDFG or USFWS and the project owner shall follow instructions that are provided by CDFG or USFWS;
7. Minimize use of rodenticides in the project area; and
8. Prohibit vehicles and personnel from entering sensitive habitats.

**Results of Condition of Certification Activities:**

- BIO-8: Mitigation Management to Avoid Harassment or Harm.

  No animals found dead on the project site.

**Compliance Issues Reported by the Designated Biologist and / or Biological Monitor:**

No compliance issues were present at the time of the monitoring. All construction activities were in compliance.

**Summary of Site Conditions:**

Site conditions during the monitoring period had little or no habitat for native species. No listed wildlife species were observed during these activities.

cc:

Maggie Fitzgerald, URS Corp

# CPV Sentinel Power Project
# Weekly Summary Sheet

Dates covered: Tuesday Novmeber 1 to Sunday November 6, 2011
Biological Monitor(s): Bob Linder
Days Worked: Tuesday November 1 to Friday November 4, 2011

Activities During the Week:
Foundation work
Trenching
Work around oil and water tanks

Species Detected:

Any wildlife injuried or killed? No__X___ Yes____

Compliance Observations and Issues

| |
|---|
| Noise |
| Trash |
| Work Limits |
| |
| Other Notes: |

# CPV Sentinel Power Project
# Weekly Summary Sheet

Dates covered: Monday Novmeber 7 to Sunday November 13, 2011
Biological Monitor(s): Bob Linder
Days Worked: Monday November 7 to Friday November 11, 2011

Activities During the Week:
Melissa lane - grading and concrete work
Foundation work
Trenching

Species Detected:

Any wildlife injuried or killed? No__X___ Yes____

Compliance Observations and Issues

| |
|---|
| Noise |
| Trash |
| Work Limits |
| |
| Other Notes: |

# CPV Sentinel Power Project
# Weekly Summary Sheet

Dates covered: Monday Novmeber 14 to Sunday November 20, 2011
Biological Monitor(s): Bob Linder
Days Worked: Monday November 14 to Friday November 18, 2011

Activities During the Week:
Melissa lane - grading and concrete work
Foundation work
Trenching

Species Detected:

Any wildlife injuried or killed? No__X___ Yes____

Compliance Observations and Issues

| |
|---|
| Noise |
| Trash |
| Work Limits |
| |
| Other Notes: |

# CPV Sentinel Power Project
# Weekly Summary Sheet

Dates covered: Monday Novmeber 21 to Sunday November 27, 2011
Biological Monitor(s): Bob Linder
Days Worked: Monday November 21 to Wednesday November 23, 2011

Activities During the Week:
Melissa lane - grading and concrete work
Foundation work
Trenching

Species Detected:

Any wildlife injuried or killed? No__X___ Yes____

Compliance Observations and Issues

| |
|---|
| Noise |
| Trash |
| Work Limits |
| |
| Other Notes: |

# CPV Sentinel Power Project
# Weekly Summary Sheet

Dates covered: Monday Novmeber 28 to Wednesday November 30, 2011
Biological Monitor(s): Bob Linder
Days Worked: Monday Novmeber 28 to Wednesday November 30, 2011

Activities During the Week:
Melissa lane - grading and concrete work
Foundation work
Trenching

Species Detected:

Any wildlife injuried or killed? No__X___ Yes____

Compliance Observations and Issues

| |
|---|
| Noise |
| Trash |
| Work Limits |
| |
| Other Notes: |

# APPENDIX F
# Cultural Resources Monthly Summary Report

December 5, 2011

Dale Rundquist
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814-5512

**RE: CPV Sentinel Energy Project (07-AFC-3) Monthly Monitoring Summary Report, Cultural Resources**

Dear Mr. Rundquist and Ms. Miller:

In accordance with CUL-6 of the California Energy Commission's (CEC's) Conditions for Certification (COCs), this letter report summarizes the cultural resources monitoring activities which took place at the CPV Sentinel Energy Project (CPVS) construction site in November 2011.

Project Description

The CPVS is a nominally rated 850-megawatt (MW) electrical generating facility. The power plant site encompasses 37 acres of land situated within unincorporated Riverside County, California. The 37-acre proposed power plant site is currently vacant, with the exception of an unoccupied dwelling unit at the southeastern corner of the site. The surrounding area is primarily characterized by industrial use with extensive development of wind energy and transmission infrastructure.

The project consists of eight natural gas-fired General Electric (GE) LMS100 combustion turbine generators (CTGs) operating in simple cycle mode. The project will supply quick-start peaking capacity, energy, and ancillary services into the California Independent System Operator's (CAISO) Los Angeles Basin Local Capacity Requirement (LCR) Area, which has been identified as an area in need of additional peaking capacity to meet resource adequacy requirements and ensure grid reliability.

Cultural Resources Monitoring

In accordance with Condition of Certification CUL-6, to ensure that there are no impacts to undiscovered resources, the Cultural Resources Specialist (CRS) or Cultural Resources Monitors (CRMs) will monitor full-time all ground disturbing activities on the project site, at the laydown areas, along the linear facility routes, and at roads or other ancillary areas, for as long as the activities are ongoing.

Full- time archaeological monitoring requires at least one monitor per excavation area where earthmoving equipment is actively removing native soils. If an excavation area is too large for one monitor to effectively observe the soil removal, one or more additional monitors are retained to observe the area.

In the event that the CRS determines that the current level of monitoring is not appropriate in certain locations, the CEC's Compliance Project Manager (CPM) shall be notified by letter or e-mail detailing the justification for the change in the level of monitoring. This request will be reviewed and must be approved by the CPM prior to any change in monitoring level.

Cultural resources monitoring activities are the responsibility of the CRS. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS, or direction to a monitor to

relocate monitoring activities by anyone other than the CRS shall be considered non-compliance with the COCs.

Monitoring/Cultural Resources Activities

No monitoring occurred during the month of November 2011. Ground disturbing activities related to gas line installation may occur in December 2011. Cultural resources monitoring would resume at that time.

Conditions/LORS Compliance

No instances of non-compliance with the Conditions of Certification or applicable LORS were recorded.

Summary and Conclusions

No cultural resources monitoring took place in November 2011. Work related to the preparation of archaeological materials from site AE-2204-1 for curation is ongoing and nearing completion. It is anticipated that completed DPR forms for AE-2204-1 will be submitted in December 2011.

Sincerely,

Maureen Kick

Maureen Kick
Cultural Resources Specialist, CPV Sentinel Generating Station

cc: Kathy Rushmore, URS
Maggie Fitzgerald, URS
Mark McDaniels, CPV

# APPENDIX G
# Paleontological Resources Monthly Summary Report

**CPV Sentinel Energy Project**
**Paleontological Resource Monitoring and Mitigation Program**

# Monthly Progress Report

**Project Name:** CPV Sentinel Energy Project

**Clients:** URS Corporation/CPV Sentinel, LLC **Month:** November 2011

**Project Paleontologist/Designated Paleontological Specialist:** Dr. Lanny H. Fisk, PhD, PG

## Monthly Progress Report for November 2011:

***During the month of November 2011, PaleoResource Consultants (PRC) continued to work with CPV Sentinel, LLC through their environmental consultants, URS Corporation, to mitigate potential adverse impacts to paleontological resources (fossils) which might result from the construction of the Sentinel Energy Project (Project), located near the City of Desert Hot Springs in Riverside County, California. No activities requiring monitoring took place during the month of November.***

***Other project related activities completed this month included preparation of a monthly progress report, communication with URS and staff, project record keeping, and other management activities***

***For December, monitoring of Project activities will continue on an as needed basis (e.g., for excavations for the gas pipeline) and preparation will continue on sections of the final report.***

# APPENDIX H
# Air Quality

0.8AQCM TEMPLATE

**Date: November 01, 2011** **Hours of Operation: __7:00____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 3.1 mph 5.8 mph gusts 76.8 degrees; P.M. medium winds 6.8 mph with 19.3 mph gusts from the north, 89.2 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Gemma excavating north/south 3-foot trenches about 18-feet wide.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _3_____**

**Grader - _____ Other - Rock separator TS3600_____**

**Loader Cat 320C 120D _____ Other –_Dozer 450J 694J_____**

**Water Trucks - __1 and 0 water pull_____ Number of Water Loads - __30_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackifier and Water application . |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner and sub-contractor | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

**Signature** Robert A. Linder **Date** 11 01 2011

**Circle Title (AQCMM) (AQCMM Delegate)**

# Field Notes

**Project Name: Sentinel Energy Center**
**Date: 11 01 11**
**Name: Robert Linder**
**One forklift has no CA Carb sticker and sub-contractor continues to claim that the number can not be found in the rental companies records. As a result the equipment shall be replaced for appropriate compliance.**

**Signature:** Robert A. Linder

0.8AQCM TEMPLATE

**Date: November 02, 2011** **Hours of Operation: __7:00____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 2.1 mph 3.5 mph gusts 63.5 degrees; P.M. low winds 1.2 mph with 3.2 mpb gusts from the north, 76.6 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Access roadway was watered down AM for night concrete truck deliveries about 100-loads. Contractor excavating piping corridor.**

**Approximate Acreage of ground disturbed today: <2 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _2_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J_____**

**Water Trucks - __1 and 0 water pull_____ Number of Water Loads - __45_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackifier and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | No | Monitored | One forklift lacks CA Carbon Emission sticker all other vehicles have been checked.<br>Sub-contractor to exchange out forklift or produce sticker ASAP. |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Robert A. Linder **Date** 11 02 2011<br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date: 11 02 11**
**Name: Robert A. Linder**
**High water loads a result of night hours concrete pour with water truck**
**support.**

**Signature:** Robert A. Linder

0.8AQCM TEMPLATE

**Date: November 03, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 1.1 mph 1.6 mph gusts 55.5 degrees; P.M. low winds 1.6 mph with 3.2 mph gusts from the northeast, 78.2 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Piping corridor excavation with scraper and dozer.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - _1_____ Fork Lift - _3_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J_____**

**Water Trucks - __1 and 0 water pull_____ Number of Water Loads - __20_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackifier and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>Signature Robert A. Linder Date 11 03 2011<br>Circle Title (AQCMM) (AQCMM Delegate) | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date: 11 03 11**
**Name: Robert A. Linder**
**Observed 600-foot dust plume coning onto project site from the east of Melissa Lane and filed a photo document image in daily report that did not originate from the CPV Sentinel LLC. Energy Project site.**

**Signature:** Robert A. Linder

0.8AQCM TEMPLATE

**Date: November 04, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. medium winds 8.8 mph 12.9 mph gusts 59.5 degrees; P.M. low winds 9.3 mph with 11.6 mph gusts from the west, 61.2 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Excavation of piping corridor and backfill around water tanks. Backfill around oil & water tank.**

**Approximate Acreage of ground disturbed today: <2 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _2_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J_____**

**Water Trucks - __1 and 0 water pull_____ Number of Water Loads - __17_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

**Signature** Ralph A. Linder **Date** 11 04 2011

**Circle Title (AQCMM) (AQCMM Delegate)**

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 07, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 6.5 mph 8.4 mph gusts 57.9 degrees; P.M. low winds 9.6 mph with 11.7 mph gusts from the west, 66.2 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Excavation of piping corridor and backfill around water tanks. Backfill around oil & water tank.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _2_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other –_Dozer 450J_____**

**Water Trucks - __1 and 0 water pull_____ Number of Water Loads - __20_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br><br>**Signature** Robert A. Linder **Date** 11 07 2011<br><br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 08, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. low winds 1.2 mph 1.9 mph gusts 65.2 degrees; P.M. low winds 0.7 mph with 1.4 mph gusts from the north, 72.1 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Excavation of piping corridor and backfill around water tanks. Backfill around oil & water tank. Night operations concrete pour CTG#5.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _2_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J_____**

**Water Trucks - __1 and 0 water pull_____ Number of Water Loads - __14_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Robert A. Linder **Date** 11 08 2011<br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 09, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 2.4 mph 4.5 mph gusts 54.9 degrees; P.M. low winds 5 mph with 10 mph gusts from the north, 72 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Excavation of piping corridor and backfill around water tanks. Backfill around oil & water tank. Excavation for culverts at Melissa Lane & Dillon Road with water buffalo support. Contractor using rock separator with water truck support.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _2_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other –_Dozer 450J, 430E, Excavator 321D_____**

**Water Trucks - __2 and 1 water buffalo_____ Number of Water Loads - __16_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Robert A. Linder **Date** 11 09 2011<br>**Circle Title (AQCMM)** **(AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 10, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 2.8 mpb 5.6 mph gusts 61.4 degrees; P.M. low winds 2.7 mph with 4.4 mph gusts from the southeast, 71.7 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Excavation of piping corridor and backfill around water tanks. Backfill around oil & water tank. Dillon Road re-excavation for culverts.**

**Approximate Acreage of ground disturbed today: <2 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _4_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J, _Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 1 water buffalo_____ Number of Water Loads - __18_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

**Signature** Robert A. Linder **Date** 11 10 2011

**Circle Title (AQCMM) (AQCMM Delegate)**

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 11, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 1.8 mph 2.3 mph gusts 64.1 degrees; P.M. low winds mph 2,5 with 5 mph gusts from the west, 73 degrees.**

**Current Construction Activities; No construction activity for Veterans' Day.**

**Approximate Acreage of ground disturbed today:**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - _____ Fork Lift - _____**

**Grader - _____ Other - _____**

**Loader Cat _____ Other – _____**

**Water Trucks - __ _____ Number of Water Loads -_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Robert A. Linder **Date** 11 11 2011<br>**Circle Title (AQCMM)** **(AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 14, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 5.2 mph 6.4 mph gusts 66.2 degrees; P.M. low winds 9.5 mph with 15.3 mph gusts from the south, 72.1 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Piping corridor backfill and around water tanks. Dillon Road re-excavation and backfill for culverts.**

**Approximate Acreage of ground disturbed today: <2 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _3_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __35_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

**Signature** _____ **Date**__**11 14 2011**_____

**Circle Title (AQCMM) (AQCMM Delegate)**

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 15, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 3.1 mph 3.7 mph gusts 55.1 degrees; P.M. low winds 1.1 mph with 1.8 mph gusts from the East, 83.1 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Concrete pour for DEMIN Tank. Backfill around Raw Water tank. Dillon Road re-excavation and backfill for culvert system.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _3_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other –_Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __26_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** _____ **Date** 11 15 2011<br>Circle Title **(AQCMM)** **(AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 16, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm 2.5 winds mph 5.2 mph gusts 55.2 degrees; P.M. low winds 1.8 mph with 3.6 mph gusts from the south, 73.9 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Mass grading for Raw Water Tank and water tanks. Dillon Road re-excavation for culverts.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _3_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __26_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** [signature] **Date** 11 16 2011<br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 17, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 0.8 mph 2.5 mph gusts 63.5 degrees; P.M. low winds 2,7 mph with 7.8 mph gusts from the east, 84.2 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Excavation of piping corridor and backfill around water tanks. Backfill around water tank. Dillon Road re-excavation for culverts. Night hours concrete pour.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _4_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __26_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** _____ **Date** 11 17 2011<br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 18, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 2.0 mph 5.8 mph gusts 69.8 degrees; P.M. medium winds 7.6 mph with 10.9 mph gusts from the west, 72.1 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 4-locations with minor excavations. Backfill and grading around water tanks. Melissa Lane & Dillon Road re-excavation for wing walls for culvert system. Scraper gathering fill from north end borrow area and rock separator operation in progress.**

**Approximate Acreage of ground disturbed today: <4 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _4_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __28_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Robert A. Linder **Date** 11 18 2011<br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 21, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. medium winds 12.6 mph 18.3 mph gusts 57.2 degrees; P.M. medium winds 8.5 mph with 13.5 mph gusts from the west, 66.2 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations with minor excavations. Backfill and grading around water tanks. Melissa Lane & Dillon Road re-excavation for wing walls for culvert system. Scraper gathering fill from north end borrow area and rock separator operation in progress.**

**Approximate Acreage of ground disturbed today: <4 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _4_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J, _Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __36_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

**Signature** _____ **Date** 11 21 2011

**Circle Title (AQCMM) (AQCMM Delegate)**

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 22, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 1.2 mph 2.3 mph gusts 61.4 degrees; P.M. calm winds 2.2 mph with 4.6 mph gusts from the east, 74.7 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 4-locations with minor excavations. Backfill and grading around water tanks. Melissa Lane & Dillon Road re-excavation for wing walls for culvert system. Scraper gathering fill from north end borrow area and rock separator operation in progress.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _4_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __28_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Robert A. Linder **Date** 11 22 2011<br>**Circle Title (AQCMM)** (AQCMM Delegate) | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 23, 2011** **Hours of Operation: __7:00____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 3.8 mph 5.6 mph gusts 50.6 degrees; P.M. calm winds 0.9 mph with 1.3 mph gusts from the east, 81.3 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 4-locations with minor excavations. Backfill and grading around water tanks. Melissa Lane & Dillon Road ready concrete pour for wing walls & culvert system. Scraper gathering fill from north end borrow area and rock separator operation in progress.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _4_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other –_Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 2 water buffalo_____ Number of Water Loads - __26_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Robert A. Linder **Date** 11 23 2011<br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 28, 2011** **Hours of Operation: __7:00____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 1.5 mph 2.9 mph gusts 65.6 degrees; P.M. calm winds 1.1 mph with 2.7 mph gusts from the northeast, 78.8 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 4-locations with minor excavations. Backfill and grading around water tanks. Melissa Lane & Dillon Road ready to pull forms wing walls & culvert system. Sub-contractors staging materials to various locations with forklift traffic.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _5_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 1 water buffalo_____ Number of Water Loads - __27_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.<br>**Signature** Ralf A. Linder **Date** **11 28 2011**<br>**Circle Title (AQCMM) (AQCMM Delegate)** | | | |

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 29, 2011** **Hours of Operation: __7:00____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 1.7 mph 2.5 mph gusts 70.4 degrees; P.M. calm winds 1.7 mph with 3.0 mph gusts from the east, 75.7 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 4-locations with minor excavations. Backfill and grading around water tanks. Melissa Lane & Dillon Road pull forms for wing walls & culvert system. Sub-contractors staging materials to various locations with forklift traffic.**

**Approximate Acreage of ground disturbed today: <3 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _5_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other –_Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 1 water buffalo_____ Nnmber of Water Loads - __28_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

**Signature** Robert A. Linder **Date** 11 29 2011

**Circle Title (AQCMM) (AQCMM Delegate)**

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

0.8AQCM TEMPLATE

**Date: November 30, 2011** **Hours of Operation: __7:00_____am _3:30_____pm**

**Form Completed by (AQCMM or Delegate): Robert A. Linder**

**Site Conditions (e.g., calm windy) During the Day: A.M. calm winds 2.0 mph 3.2 mph gusts 61.9 degrees; P.M. medium winds 5.2 mph with 12.7 mph gusts from the north, 78.7 degrees.**

**Current Construction Activities; Continued preparation for concrete pours at 3-locations and night hours concrete pour for demin tanks. Melissa Lane & Dillon Road ready to emplace rock rip-rap at wing walls & culvert system. Sub-contractors staging piping and automatic welding units in piping corridor**

**Approximate Acreage of ground disturbed today: <6 acres**

**Quantity, Model #, Serial # of Equipment Operating:**

**Scraper - 1_____ Fork Lift - _5_____**

**Grader - _____ Other - _____**

**Loader Cat 320C _____ Other – _Dozer 450J,_Dozer 430E, Excavator 321D _____**

**Water Trucks - __2 and 1 water buffalo_____ Number of Water Loads - __16_____**

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved roads and disturbed areas in the project and linear construction sites shall be watered as frequently as necessary to comply with the dust mitigation objectives. | Yes | Monitored | |
| No vehicle shall exceed 10 miles per hour within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads. | Yes | Monitored | |
| The construction site entrances shall be posted with visible speed-limit signs. | Yes | Monitored | |
| All construction vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering paved roadways. | N/A | | No paved roads adjacent to project site (TBD). |
| Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station. | N/A | | No paved roads adjacent to project site |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All unpaved exits from the construction site shall be graveled or treated to prevent track-out to public roadways. | Yes | Monitored | |
| All construction vehicles shall enter the construction site through the treated entrance roadways, unless an alternative route has been submitted to and approved by the CPM. | Yes | Monitored | |
| Construction areas adjacent to any paved roadway shall be provided with sandbags or other measures as specified in the Storm Water Pollution Prevention Plan (SWPPP) to prevent run-off to roadways. | N/A | | New paved road does not reach Dillon Road. |
| All paved roads within the construction site shall be swept daily (or less during periods of precipitation) on days when construction activity occurs to prevent the accumulation of dirt and debris. | Yes | Monitored | New paved road within the project site swept. |
| At least the first 500 feet of any public roadway exiting from the construction site shall be swept at least twice daily (or less during periods of precipitation) on days when construction activity occurs or on any other day when dirt or runoff from the construction site is visible on the public roadways. Track out extending more than 25 feet (cumulative) from any site access point will be removed. | Yes | Monitored | |
| All soil storage piles that remain inactive for longer than 10 days shall be covered, or shall be treated with appropriate dust suppressant compounds. | Yes | N/A | Nothing on site inactive for >10 days |
| All vehicles that are used to transport solid bulk material on public roadways and that have 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 2 feet of freeboard. | N/A | | No bulk transported on roadways |
| 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 measure/condition shall remain in place until the soil is stabilized or permanently covered with vegetation. | Yes | Inspected | Tackified and Water application |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| Signage that identifies 24-hour manned phone numbers for dust complaints shall be installed and maintained on each side of the Project area and within 50 feet of the Project site boundary. The telephone number listed for the developer contact must be a local or a toll-free number and manned 24 hours a day, 7 days per week. | Yes | Monitored | |
| A copy of AQCMP must be on site and available to workers and SCAQMD employees. All work on the site is subject to the requirements of the approved Dust Control Plan. Failure to abide by the Plan by anyone on site may be subject to enforcement action. | Yes | Monitored | |
| All construction activities for visible dust plumes are monitored. Observations of visible dust plumes that are 100 feet in length, 20 percent opacity, or have the potential to be transported: (1) off the Project site or (2) 200 feet beyond the center line of the construction of linear facilities; or (3) within 400 feet upwind of any regularly occupied structures not owned by the Project owner indicate that existing mitigation measures are not resulting in effective mitigation. In the event that such visible dust plumes are observed, implement a more intensive application of existing mitigation methods within 15 minutes of making such a determination. | Yes | Monitored | No dust plumes observed. |
| If the above fails, direct an implementation of additional methods of dust suppression to result in adequate mitigation within 30 minutes of the original determination. | NA | | |
| Direct a temporary shutdown of activity causing the emissions if the additional dust suppression methods above fail to result in effective reduction of dust within 1 hour of the original determination. Activity will not restart until appropriate additional mitigation/other site conditions have changed such that visual dust plumes will not result upon restarting the shutdown fugitive dust source. The owner/operator may appeal to the CPM directive to shut down activity, provided that shutdown shall go into effect within 1 hour of the original determination, unless the CPM overrules appeal before that time. | N/A | | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|
| All diesel-fueled engines used in the construction of the facility shall have clearly visible tags issued by the on-site AQCMM showing that the engine meets the conditions set forth herein. | Yes | Monitored | All vehicles have tags |
| All construction diesel engines with a rating of 50 hp or more shall meet, at a minimum, the Tier 3 California Emission Standards for Off-Road Compression-Ignition Engines, as specified in California Code of Regulations, Title 13, section 2423(b)(1) unless a good-faith effort to the satisfaction of the —certified by the on-site AQCMM—demonstrates that such engine is not available for a particular item of equipment. In the event that a Tier 3 engine is not available for any off-road equipment larger than 50 hp, that equipment shall be equipped with a Tier 2 engine, or an engine that is equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides ($NO_X$) and diesel particulate matter (DPM) to no more than Tier 2 levels, unless certified by engine manufacturers or the on-site AQCMM that the use of such devices is not practical for specific engine types. | Yes | Monitored | All applicable vehicles have been checked |
| The use of a retrofit control device may be terminated immediately, provided that the CPM and AO are informed within 10 working days of the termination, and that a replacement for the equipment item in question meeting the controls required above occurs within 10 days of termination of use, if the equipment would be needed to continue working at this site for more than 15 days after use of the retrofit control device is terminated. | N/A | | |
| All heavy earthmoving equipment and heavy-duty construction-related trucks with engines meeting the above requirements shall be properly maintained, and the engines tuned to the engine manufacturer's specifications. | Yes | Contact with owner | |
| All diesel heavy construction equipment shall not remain running at idle for more than 5 minutes, to the extent practical. Vehicles that need to idle as part of their normal operation (such as concrete trucks) are exempted from this requirement. | Yes | Monitored | |

| Required Mitigation | Activities in Compliance? | Method of Checking Compliance | Explanation and Actions Taken if Non-Compliant |
|---|---|---|---|

I confirm that the information presented above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project.

**Signature** Robert A. Linder **Date** 11 30 2011

**Circle Title (AQCMM)** **(AQCMM Delegate)**

# Field Notes

**Project Name: Sentinel Energy Center**
**Date:**
**Name:**
**road.**_____

**Signature:**_____

CPV Sentinel Energy Project Site
Long Term Equipment
November 2011

**Water Trucks**

| Sub ID | Brand | Type | CARB/License Tag | F/R | Model | Engine Type | URS ID | Arrive on-site | Leave Site |
|---|---|---|---|---|---|---|---|---|---|
| B+B Equipment | Mack | Water Truck | 550477 (CA plate) | R | | On-Road | 0162 | 7-Jun-11 | 7-Sep-11 |
| B+B Equipment | Freightliner | Water Truck | 8M46367 (CA plate) | R | | On-Road | 0161 | 9-Jun-11 | 12-Jul-11 |
| Bertha Water Trucks | Freightliner | Water Truck | 478674 (CA plate) | R | | On-Road | 0018 | 9-Jun-11 | 11-Oct-11 |
| Johnson Equipment | Freightliner | Water Truck | 8F05800 (CA plate) | R | | On-Road | 0115 | 5-Jul-11 | 28-Oct-11 |
| Western Rentals | Freightliner | Water Truck | 567428 (CA plate) | R | | On-Road | 0173 | 20-Jul-11 | 15-Sep-11 |
| Rental | Peterbuilt | Water Truck | 576180 (CA plate) | R | | On-Road | 0165 | 29-Aug-11 | |

**Rental Equipment**

| Sub ID | Brand | Type | CARB/License Tag | F/R | Model | Engine Type | URS ID | Arrive on-site | Leave Site |
|---|---|---|---|---|---|---|---|---|---|
| RJ &J | Case | Excavator | BK6P56 | F/R | E60 | Tier 3 | 0190 | 29-Jul-11 | 16-Aug-11 |
| RJ&J | Case | Front End Loader | DA7M75 | F/R | 580 | Tier 3 | 0189 | 29-Jul-11 | 3-Oct-11 |
| RJ&J | Case | Front End Loader | FA4U95 | F/R | 821C | Tier 3 | 0240 | 5-Aug-11 | 25-Aug-11 |
| RJ&J | Case | Front End Loader | FP3G85 | F/R | 580 Super | Tier 3 | 0198 | 16-Aug-11 | 3-Oct-11 |
| RJ&J | ZAXIS | Excavator | SE8D78 | F/R | E136 | Tier 3 | 0182 | 29-Aug-11 | 3-Oct-11 |
| RJ&J | Ingersoll-Rand | Sheeps Foot | XB9P36 | R | 088-05-6008 | Tier 3 | 0206 | 23-Aug-11 | 26-Aug-11 |

| Sub ID | Brand | Type | CARB/DMV Tag | F/R | Model | Engine Type | URS ID | Arrive on-site | Leave Site |
|---|---|---|---|---|---|---|---|---|---|
| Rental | Isuzu | Generator(Unit #1) | 142079 (3977) | NA | 6WG1X | Tier 3 | 0081 | 13-Jul-11 | |
| Rental | Isuzu | Generator (Unit #2) | 154532 (549-36-0004) | NA | DF-44001 | Tier 3 | 0010 | 1-Sep-11 | 3-Nov-11 |

**Sukut Equipment**

| Sub ID | Brand | Type | CARB/DMV Tag | F/R | Model | Engine Type | URS ID | Arrive on-site | Leave Site |
|---|---|---|---|---|---|---|---|---|---|
| 430-01 | CAT | Backhoe | DH7W39 | F | 430 | Tier 2 | 0019 | 1-Jun-11 | 19-Sep-11 |
| 90-33 | CAT | Dozer | HV5D73 | F | D9T | Tier 3 | 0002 | 8-Jun-11 | 15-Aug-11 |
| Rental | CAT | Excavator | AW4499 | F | 329D6 | Tier 2 | 0033 | 7-Jun-11 | 8-Aug-11 |
| 24-18 | CAT | Rubber Tire Dozer | AG6C65 | F | A24 | Tier 3 | 0003 | 7-Jun-11 | 7-Sep-11 |
| 51-45 | CAT | Water Pull | YC4X44 | F | 651E | Tier 3 | 0001 | 10-Jun-11 | 7-Sep-11 |
| T1055-101 | CAT | Forklift | KY3W36 | F | TL1055 | Tier 2 | 0034 | 7-Jun-11 | 5-Aug-11 |
| Rental | CAT | Motor Grader | BU3S35 | F | 140H | Tier 3 | 0083 | 16-Jun-11 | 7-Sep-11 |
| 10-40 | CAT | Dozer | BJ6R55 | F | D10N | Tier 3 | 0147 | 17-Jun-11 | 5-Aug-11 |
| 51-52 | CAT | Scraper | DD8V84 | F | 651B | Tier 3 | 0146 | 16-Jun-11 | 7-Sep-11 |
| 51-75 | CAT | Scraper | WY4U67 | F | 651B | Tier 3 | 0113 | 17-Jun-11 | 23-Aug-11 |
| 51-69 | CAT | Scraper | NK6U99 | F | 651B | Tier 3 | 0129 | 16-Jun-11 | 29-Aug-11 |
| 51-79 | CAT | Scraper | FC9W49 | F | 651B | Tier 3 | 0130 | 20-Jun-11 | 9-Sep-11 |
| 51-62 | CAT | Scraper | UB6X73 | F | 651B | Tier 3 | 0131 | 17-Jun-11 | 9-Sep-11 |
| DZD4K-002 | CAT | Dozer | TN4J44 | F | D4K | Tier 3 | 0082 | 5-Jul-11 | 7-Sep-11 |
| 10-24 | CAT | Dozer | KC3R76 | F | D10N | Tier 3 | 0114 | 20-Jun-11 | 9-Sep-11 |
| Rental | CAT | Dozer Rock Bucket | K68E76 | F | 950G | Tier 2 | 0174 | 19-Jul-11 | 19-Sep-11 |
| 51-83 | CAT | Water Pull | CF4M43 | F | 651B | Tier 3 | 0175 | 22-Jul-11 | 9-Sep-11 |
| Rental Miller-Blades | CAT | Roller | UL6L85 | F | CV-120 | On Road | 0192 | 19-Jul-11 | 2-Sep-11 |
| Rental Miller-Blades | CAT | Scraper | FW6W46 | F | 613 | Tier 3 | 0176 | 27-Jul-11 | 2-Sep-11 |
| 51-50 | CAT | Scraper | VN7R68 | F | 651 B | Tier 3 | 0207 | 18-Jul-11 | 12-Sep-11 |
| 10-11 | CAT | Dozer | TG3K55 | F | 10-29 | Tier 3 | 0223 | 22-Jul-11 | 7-Sep-11 |
| Rental/Gemma | Genie | Forklift | PK4G83 | F | GTH-1056 | Tier2 | 0239 | 29-Jul-11 | 19-Sep-11 |
| Rental | John Deere | Dozer | YT6B64 | F | 844 | Tier 3 | 0205 | 1-Aug-11 | 3-Aug-11 |
| Rental | Komatsu Rental | Dozer Rock Bucket | TBD-SUKUT ? | F | WA450-3F | Tier 3 | 0191 | 5-Aug-11 | 9-Aug-11 |
| Miller-Blades | CAT | Maintainer | VX6L67 | F | 16G | Tier 3 | 0230 | 8-Aug-11 | 7-Sep-11 |
| Miller-Blades | CAT | Vermeer/bore rig | TJ8N46 | R | 24x40 A | NA | 0246 | 8-Aug-11 | 8-Aug-11 |
| Sukut Equipment | John Deere | Dozer | AM5M46 | F | 450T | Tier 3 | 0214 | 17-Aug-11 | 7-Sep-11 |
| Miller-Blades | CAT | Maintainer | HM5E53 | F | MT140H | Tier 3 | 0241 | 23-Aug-11 | 2-Sep-11 |
| Rental EX 321-901 | CAT | Excavator | EB5N75 | F | 321 D | Tier 3 | 0238 | 23-Aug-11 | 7-Sep-11 |
| Rental | CAT | Excavator | HM3M43 | F | 345C | Tier3 | 0221 | 24-Aug-11 | 15-Sep-11 |
| Rental | CAT | Excavator | EG9W95 | F | 345B | Tier3 | 0245 | 6-Sep-11 | 18-Oct-11 |
| Rental | CAT | Back/Loader | GH8F39 | F | 420E | Tier3 | 0237 | 19-Sep-11 | 19-Sep-11 |
| Rental | CAT | Dozer | SW8U63 | F | D5K xl | Tier3 | 0244 | 19-Sep-11 | 28-Oct-11 |
| Rental | CAT | Loader/Dozer | KF6F93 | F | 414E | Tier3 | 0228 | 19-Sep-11 | 28-Oct-11 |
| Rental | CAT | Maintainer | SC5M77 | F | 16G | Tier3 | 0229 | 7-Sep-11 | 5-Oct-11 |
| Rental | John Deere | Dozer | XE9D54 | F | 450J | Tier3 | 0042 | 24-Oct-11 | 19-Sep-11 |
| Rental | John Deere | Dozer | BM3W74 | F | 210 LE | Tier3 | 0058 | 24-Oct-11 | 26-Oct-11 |
| Rental | CAT | Dozer | AW6T76 | F | 430E | Tier3 | 0077 | 7-Nov-11 | 2-Dec-11 |
| Rental | CAT | Excavator | EB5N75 | F | 321D | Tier3 | 0238 | 15-Nov-11 | |

**Griffith Company**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rental | Ingersoll-Rand | Fork Lift | VA5E67 | F | VR-843C | Tier3 | 0212 | 19-Sep-11 | 21-Sep-11 |
| Rental | Case | Backhoe/Loader | PF9V55 | F | 590-05 | Tier3 | 0181 | 20-Sep-11 | 21-Sep-11 |
| Rental | JLG(97296) | Fork Lift | MY8B94 | R | 10054 | Tier3 | 0180 | 21-Sep-11 | 28-Sep-11 |
| Rental | Skyjack | Fork Lift | AH8S98 | R | 10G12 | Tier3 | 0012 | 29-Sep-11 | 3-Nov-11 |
| Rental | Gradall | Fork Lift | CK7E49 | R | 5444D-10 | Tier3 | 0011 | 29-Sep-11 | |
| Rental | CAT | Excavator | PG7M84 | F | 446D | Tier3 | 0197 | 7-Oct-11 | 27-Oct-11 |
| Rental | John Deere | Backhoe/Loader | ND3A95 | F | 710G | Tier3 | 0123 | 14-Oct-11 | 27-Oct-11 |
| Rental | CAT | Excavator | MW5U95 | F | 320C | Tier3 | 0196 | 20-Oct-11 | 27-Oct-11 |
| Rental | SKYTRAK | Fork Lift | YA5M53 | R | 10054 | Tier2 | 0013 | 31-Oct-11 | |
| Rental | Geniie - United R | Fork Lift | LU7N99 | R | GTH 1056 | Tier2 | 0075 | 16-Nov-11 | |
| Rental | John Deere | Front-end Loader | NM3R64 | F | 210LE | Tier2 | 0079 | 1-Dec-11 | |

**CATTRAC**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rental | CAT | Scraper | AP5J87 | F | 2302 | Tier3 | 0039 | 30-Sep-11 | 14-Nov-11 |
| Rental | CAT | Maintainer | TN9K63 | F | 140H | Tier3 | 0057 | 30-Sep-11 | 11-Oct-11 |
| Rental | John Deer | Skip Loader | CX8G94 | F | 210LE | Tier2 | 0041 | 30-Sep-11 | 11-Oct-11 |
| Rental | International 5000 | Water Truck | CA 535427 | F | NA | On Road | 0040 | 30-Sep-11 | |
| Rental MYLES | CAT | Bucket Loader | GC4V45 | F | 950G | Tier3 | 0073 | 3-Oct-11 | 11-Oct-11 |
| Rental | CAT | Front End Loader | UV8P43 | R | 216B | ? TBD | 0164 | 29-Aug-11 | |

**GEMMA**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rental | JLG | Fork Lift | NF4C65 | R | 544D | Tier3 | 0026 | 24-Oct-11 | |
| Rental | CAT | Scraper | YW8D45 | F | 623F | Tier3 | 0027 | 31-Oct-11 | |
| Rental | John Deere | Dozer | RK7L36 | F | 644J | Tier3 | 0028 | 31-Oct-11 | |
| Rental | Peterbuilt | Dump Truck | CA 8X05338 | F | | On-Road | 0060 | 31-Oct-11 | |
| Rental | John Deere | Excavator | MD4D95 | F | 120D | Tier3 | 0074 | 28-Oct-11 | |
| Rental | Rubble Master | Rock Seperator | AS5V89 | F | TS3600 | Tier3 | 0044 | 28-Oct-11 | 15-Nov-11 |
| Rental | John Deere | Dozer | YR7G95 | F | 650J | Tier3 | 0029 | 4-Nov-11 | |
| Rental | SKYTRAK | Forklift | ? | R | JLG 10054 | Tier3 | 0059 | 8-Nov-11 | |
| Rental | METSO | Rock Seperator | GL9M36 | F | Lokotrak ST171 | Tier2 | 0076 | 16-Nov-11 | |
| Rental | Komatsu | Small Backhoe | KW5N58 | F | PC35 MR | 50HP | 0030 | 22-Nov-11 | |

**University Mechanical**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rental | Skytrak | Forklift | YD7G34 | R | JLG 10054 | Tier2 | 0014 | 21-Nov-11 | |
| Rental | Gradall | Forklift | TL7F58 | F | JLG544D | Tier3 | 0148 | 1-Dec-11 | |

**MJ Electric**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rental | Gradall | Forklift | TW9K87 | R | JLG G6-42P | Tier3 | 0046 | 28-Nov-11 | |

**Graver Tank Co..**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Rental | Maxim Crane Work | Crane hoist 30T | KG4C75 | F | Maxim 1993 | Tier3 | 0062 | 28-Nov-11 | |

Griffith Company Fuel Consumption Report - Nov 2011

| Week Ending | | 11/6/2011 |
|---|---|---|
| **Equipment** | **Gallons Used** | |
| 10K Reach Forklift | 98 | |
| Light Towers (x6) | 50 | |
| Water Buffalo | 16 | |
| 185 CFM Compressor | 14 | |
| **Total Gallons** | **178** | |

| Week Ending | | 11/13/2011 |
|---|---|---|
| **Equipment** | **Gallons Used** | |
| 10K Reach Forklift | 118 | |
| Light Towers (x6) | 35 | |
| Water Buffalo | 18 | |
| 185 CFM Compressor | 12 | |
| **Total Gallons** | **183** | |

| Week Ending | | 11/20/2011 |
|---|---|---|
| **Equipment** | **Gallons Used** | |
| 10K Reach Forklift | 138 | |
| Light Towers (x6) | 50 | |
| Water Buffalo | 22 | |
| 185 CFM Compressor | 11 | |
| **Total Gallons** | **221** | |

| Week Ending | | 11/27/2011 |
|---|---|---|
| **Equipment** | **Gallons Used** | |
| 10K Reach Forklift | 78 | |
| Light Towers (x6) | 10 | |
| Water Buffalo | 12 | |
| 185 CFM Compressor | 7 | |
| **Total Gallons** | **107** | |

| Through | | 11/30/2011 |
|---|---|---|
| **Equipment** | **Gallons Used** | |
| 10K Reach Forklift | 90 | |
| Light Towers (x6) | 45 | |
| Water Buffalo | 18 | |
| 185 CFM Compressor | 8 | |
| **Total Gallons** | **161** | |

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

- ☐ KENNY STRICKLAND, INC. P.O. BOX 998, COACHELLA, CA 92236 OFFICE: 760-398-2031 FAX: 760-398-1921
- ☐ KENNY STRICKLAND, INC. P.O. BOX 943, IMPERIAL, CA 92251 OFFICE: 760-355-0332 FAX: 760-355-0338
- ☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 OFFICE: 760-948-7771 FAX: 760-948-2271
- ☐ HEMET OIL COMPANY. P.O. BOX 766, HEMET, CA 92546 OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: 14093

ORDER NUMBER: 1109[illegible]

SHIP TO: 0000002

DATE: 11/01/11

SOLD TO:
BEMA POWER SYSTEM
2461 MAIN STREET
GLASTONBURY, CT 06033

DESERT HOT SPRINGS
PROJECT #110155

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01253-0005 | | 010 | NET DUE 15 DAY | 11/16/11 | 11/01/11 |

| SALES REP | DRIVER | TRUCK NUMBER | CARRIER | B / L NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| 001 | [illegible] | 49 | | | | |

| NO. OF PKG'S. | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3-NA1993, PG II - Combustible Liquid NA1993 | | | | | | | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only --- | | | | | | | *** |
| | | *** Penalty for Taxable Use*** | | | | | | | *** |
| | BULK | TOTAL DYED ULS DSL | | 162 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

| PRODUCT | 4 | | | | |
|---|---|---|---|---|---|
| BEFORE | 13788 | | | | |
| AFTER | 14004 | | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX [illegible]

TOTAL [illegible]

CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | CHECK AMOUNT | CREDIT CARD

PAST DUE AFTER: 11/15/11 If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL [illegible]

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IS FULL) X

RECEIVED IN GOOD ORDER X

# KENNY STRICKLAND INC.

FED ID# 95-3827683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

| | | |
|---|---|---|
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 FAX: 760-398-1921 |
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0032 FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 FAX: 951-658-7068 |

ACCOUNT NUMBER: NUMBER

SOLD TO: SHIP TO: DATE

| PURCHASE ORDER NUMBER | SOLD BY | DISPATCHED BY | TRUCK NO. | TERMS | DELIVERY DATE |
|---|---|---|---|---|---|
| | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT | | | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | | SALES TAX | |
| BEFORE | | | | | | | | |
| AFTER | | | | | | | TOTAL | |
| CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | | |

NET DUE AFTER . If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

- ☐ KENNY STRICKLAND, INC. P.O. BOX 998, COACHELLA, CA 92236 OFFICE: 760-398-2031 FAX: 760-398-1921
- ☐ KENNY STRICKLAND, INC. P.O. BOX 943, IMPERIAL, CA 92251 OFFICE: 760-355-0332 FAX: 760-355-0338
- ☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 OFFICE: 760-948-7771 FAX: 760-948-2271
- ☐ HEMET OIL COMPANY. P.O. BOX 766, HEMET, CA 92546 OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: 10034

INVOICE NUMBER 11031251

SOLD TO: SERRO POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

SHIP TO: 0000002 DESERT HOT SPRINGS
DISTRICT #1151253

DATE 11/07/11

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-31253-0005 | | 010 | NET DUE 15 DAY | 11/22/11 | 11/07/11 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | BILL NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| 001 | HECTOR | 35 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE/MISC | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid NA1993 | | | | | | *** |
| | | *** Red Dyed Diesel For Nonhighway Use Only | | | | | | *** |
| | | *** Penalty For Taxable Use | | | | | | *** |
| | BULK | NA1993 DREM/DYED UL 3 DSL | | 27 | | | 6 | |
| | | ENVIRONMENT FEE/FUEL | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | |
| | | *** DELIVERY NOTE *** | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | |
| | | WILL BE SUBJECT TO A 2.9% SERVICE FEE | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | |

| PRODUCT | | | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX | |
|---|---|---|---|---|---|---|---|
| BEFORE | 55,760 | | | | | | |
| AFTER | 55,760 | | | | | TOTAL | |

| CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

PAST DUE AFTER _____ If account unpaid within time permitted, customer agrees to pay interest at 19% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

- ☐ KENNY STRICKLAND, INC. P.O. BOX 998, COACHELLA, CA 92236 OFFICE: 760-398-2031 FAX: 760-398-1821
- ☐ KENNY STRICKLAND, INC. P.O. BOX 943, IMPERIAL, CA 92251 OFFICE: 760-355-0332 FAX: 760-353-0328
- ☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 OFFICE: 760-948-7771 FAX: 760-948-2271
- ☐ HEMET OIL COMPANY P.O. BOX 766, HEMET, CA 92546 OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: (NUMBER)

SOLD TO:

CEMPRA POWER SYSTEM

2461 MAIN STREET

SHIP TO: 10004 000000002

DESERT HOT SPRINGS

PROJECT #1101255

DATE: 11/04/25 11:00 11

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01254-0285 | | 010 | NET DUE 15 DAY | 11/23/11 | 11/09/11 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | BILL NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| 001 | SHELTON | 37 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, III Combustible Liquid NA1993 *** | | | | | | | *** |
| | | *** Red Dyed Diesel for Nontaxable Use Only *** | | | | | | | *** |
| | | *** Penalty for Taxable Use. *** | | | | | | | *** |
| | BULK | UN0143 PREMIXED ULS DSL | | 212 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

| PRODUCT | | | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX | |
|---|---|---|---|---|---|---|---|
| BEFORE | | | | | | | |
| AFTER | | | | | | TOTAL | 1.00 |

| CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

NET DUE AFTER _____. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

☐ KENNY STRICKLAND, INC. P.O. BOX 943, IMPERIAL, CA 92251 OFFICE: 760-355-0332 FAX: 760-355-0336
☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 OFFICE: 760-948-7771 FAX: 760-948-2271
☐ HEMET OIL COMPANY. P.O. BOX 766, HEMET, CA 92546 OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: NUMBER

SOLD TO: GEMMA POWER SYSTEM SHIP TO: DATE 11/08/11

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DA |
|---|---|---|---|---|---|
| | | | | | |

| SALES REP | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME O |
|---|---|---|---|---|---|---|
| | HECTOR | H39 | | | | |

| ND. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | DIESEL RED | | 31 | | | | | |
| | 12 | 13881 | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT | 4 | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX |
| BEFORE | 9538942 | | | | |
| AFTER | 9538973 | | | | TOTAL |

| CASH SALE ☐ | CHARGE SALE ☑ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

PAST DUE AFTER . If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X 11-8-11

RECEIVED IN GOOD ORDER X

FDLD

(800) 395-9994 | (951) 658-7068 | (760) 948-7771 | (760) 355-0332

# KENNY STRICKLAND INC.

FED ID# 95-3627683

**PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:**

| | | |
|---|---|---|
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 996, COACHELLA, CA 92236 | OFFICE: 760-398-2031 FAX: 760-398-1921 |
| XX ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 FAX: 951-658-7068 |

ACCOUNT NUMBER: 10094 ORDER# 11044488

SOLD TO: SHIP TO: 0099999 DATE 11/09/11

GEMMA POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01853-0285 | | 810 | NET DUE 15 DAY | 11/24/11 | 11/09/11 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| 001 | HECTOR | 99 | | | | |

| QUANTITY ORDERED | QUANTITY SHIPPED | UNIT OF MEASURE | DESCRIPTION | UNIT PRICE | EXTENSION |
|---|---|---|---|---|---|
| | | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid NA1993 *** | | |
| | | | *** Red Dyed Diesel For Nontaxable Use Only ----- *** | | |
| | | | *** Penalty for Taxable Use. *** | | |
| BULK | | | 000143 PREM/DYED ULS DSL | | |
| | | | ENVIRONMENT FEE/FU | | |
| | | | CA SALES TAX PAYA | | |
| | | | *** DELIVERY NOTES | | |
| | | | *** DELIVERY MESS | | |
| | | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | |
| | | | WILL BE SUBJECT TO A 3% SERVICE FEE | | |
| | | | VISIT US AT www.kennystrickland.com | | |

KSI

PAYMENT RECEIVED

2

| PRODUCT | | | | | |
|---|---|---|---|---|---|
| BEFORE | 9540735 | | | | |
| AFTER | 9540926 | | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX See Above

TOTAL 0.00

| CASH SALE ☐ | CHARGE SALE ☑ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD |
|---|---|---|---|---|---|---|

DUE AFTER 11/24/11 If account unpaid within time permitted, customer agrees to pay interest at 1.5% PER MONTH and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL 0.00

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DRIVER'S SIGNATURE

CUSTOMER'S SIGNATURE

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

- ☐ KENNY STRICKLAND, INC. P.O. BOX 998, COACHELLA, CA 92236 — OFFICE: 760-398-2031 FAX: 760-398-1921
- ☐ KENNY STRICKLAND, INC. P.O. BOX 943, IMPERIAL, CA 92251 — OFFICE: 760-355-0332 FAX: 760-355-0338
- ☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 — OFFICE: 760-948-7771 FAX: 760-948-2271
- ☐ HEMET OIL COMPANY. P.O. BOX 766, HEMET, CA 92546 — OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: 10014 NUMBER 1104956-14

SOLD TO: SONNA POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

SHIP TO: 0000002
DESERT HOT SPRINGS
PROJECT #110125

DATE 11/10/11

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| | | | | | |

| SALES REP | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| | | | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES CONNECT. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid 141-08 | | | | | | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only --- | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | *** |
| 6 | GALL | 10001+3 PREM/DYED LLS DSL | | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | |
| | | CO SALES TAX PAYABLE | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | |

| PRODUCT | | | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX | |
|---|---|---|---|---|---|---|---|
| BEFORE | 9542464 | | | | | | |
| AFTER | 9545[illegible] | | | | | TOTAL | |

| CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

PAST DUE AFTER 11/20/11. If account unpaid within time permitted, customer agrees to pay interest at **18% PER ANNUM** and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION

ADJUSTED TOTAL →

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY | SIGNATURE IN FULL X

RECEIVED IN GOOD ORDER X

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW

| | | | |
|---|---|---|---|
| XX ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 | FAX: 760-398-1921 |
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 | FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 | FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 | FAX: 951-658-7068 |

ACCOUNT NUMBER: 10094

ORDER NUMBER 11044921

SHIP TO 0000002

DATE 11/14/11

SOLD TO:

GEMMA POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

DESERT HOT SPRINGS
PROJECT #1101253

| | | | | | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01253-0285 | | 010 | NET DUE 15 DAY | 11/29/11 | 11/14/11 |

| | | | | | TIME OUT |
|---|---|---|---|---|---|
| 001 | HECTOR | 39 | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid | | | | | | NA1993 | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only ------ | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 74 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT | 4 | | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX See Above |
| BEFORE | 9547342 | | | | | |
| AFTER | 9547316 | | | | | TOTAL 0.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD |

PAST DUE AFTER 11/29/11. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ < >

ENTER REMITTANCE ON THIS LINE ENTERED 1-800-424-9800

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION

ADJUSTED TOTAL 0.00

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL)

RECEIVED IN GOOD ORDER

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

| | | | |
|---|---|---|---|
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 | FAX: 760-398-1921 |
| XX ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 | FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 | FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 | FAX: 951-658-7068 |

ACCOUNT NUMBER: 10094

ORDER NUMBER 11045055

SOLD TO:

GEMMA POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

SHIP TO: 0000002

DESERT HOT SPRINGS
PROJECT #1101253

DATE 11/15/11

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01253-0285 | | 010 | NET DUE 15 DAY | 11/30/11 | 11/15/11 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B / L NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| 001 | HECTOR | 39 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid | | | | | | NA1993 | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 170 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT | 4 | | | | |
| BEFORE | 9547512 | | | | |
| AFTER | 9547682 | | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX See Above

TOTAL 0.00

CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | CHECK AMOUNT | CREDIT CARD

NET DUE AFTER 11/30/11, if account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL 0.00

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 OFFICE: 760-948-7771 FAX: 760-948-2271
☐ HEMET OIL COMPANY. P.O. BOX 766, HEMET, CA 92546 OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: 10094 0000002

ORDER NUMBER 11045195

DATE 11/16/11

SOLD TO:

GEMMA POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

SHIP TO:
DESERT HOT SPRINGS
PROJECT #1101253

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01253-0285 | | 010 | NET DUE 15 DAY | 12/01/11 | 11/16/1 |

| SALES REP | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME |
|---|---|---|---|---|---|---|
| 001 | HECTOR | 39 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid | | | | | | NA1993 | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 145 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

| | | | | |
|---|---|---|---|---|
| PRODUCT | 4 | | | |
| BEFORE | 9549934 | | | |
| AFTER | 9550069 | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX: See Above

TOTAL: 0.0

CASH SALE ☐ CHARGE SALE ☑ CASH AMOUNT CHECK AMOUNT CREDIT CARD

PAST DUE AFTER 12/01/11. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL → 0.0

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X Hector

RECEIVED IN GOOD ORDER X 11-16-11

FOLD

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE CARGE CHECKED BELOW:

| | | | |
|---|---|---|---|
| XX ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 | FAX: 760-398-1921 |
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 | FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 | FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 | FAX: 951-658-7068 |

ACCOUNT NUMBER: 10094

ORDER NUMBER 11045310

SHIP TO 0000002

DATE 11/17/11

SOLD TO:

GEMMA POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

DESERT HOT SPRINGS
PROJECT #1101253

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01253-0285 | | 010 | NET DUE 15 DAY | 12/02/11 | 11/17/11 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| 001 | ANTONIO | 43 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid | | | | | | NA1993 | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only ------ | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 246 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT | 4 | | | | |
| BEFORE | 41206 | | | | |
| AFTER | 41452 | | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX See Above

TOTAL 0.00

| CASH SALE ☐ | CHARGE SALE ☑ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

PAY DUE AFTER 12/02/11. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL 0.00

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY: SIGNATURE/INITIAL X

RECEIVED IN GOOD ORDER X

☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 OFFICE: 760-948-7771 FAX: 760-948-2271
☐ HEMET OIL COMPANY. P.O. BOX 766, HEMET, CA 92546 OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: ORDER NUMBER

SOLD TO:

SHIP TO: 10094 0000002 DATE 11045452 11/18/11

GEMMA POWER SYSTEM

DEBERT HOT SPRINGS
PROJECT #1101253

2461 MAIN STREET
GLASTONBURY, CT 06033

| PURCHASE ORDER NUMBER | | ORDERED BY | TERMS | DUE DATE | DELIVERED |
|---|---|---|---|---|---|
| 11-01253-0285 | | 010 | NET DUE 15 DAY | 12/03/11 | 11/18/1 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | BILL NUMBER | TIME IN | TIME |
|---|---|---|---|---|---|---|
| 001 | HECTOR | 39 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOU |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid NA1993 | | | | | | | ** |
| | | *** Red Dyed Diesel For Nontaxable Use Only ------ | | | | | | | ** |
| | | *** Penalty for Taxable Use. | | | | | | | ** |
| | BULK | 000143 PREM/DYED ULS DSL | | 98 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT | 4 | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX See Abov |
| BEFORE | 9553200 | | | | |
| AFTER | 9553298 | | | | TOTAL 0.0 |

CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | CHECK AMOUNT | CREDIT CARD

PAST DUE AFTER 12/03/11. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION

ADJUSTED TOTAL 0.0

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X 11-18

KENNY STRICKLAND INC.
FED ID# 95-3627683
PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

- ☐ KENNY STRICKLAND, INC. P.O. BOX 998, COACHELLA, CA 92236 OFFICE: 760-398-2031 FAX: 760-398-1921
- ☐ KENNY STRICKLAND, INC. P.O. BOX 943, IMPERIAL, CA 92251 OFFICE: 760-355-0332 FAX: 760-355-0338
- ☐ KENNY STRICKLAND, INC. 17056 HERCULES ST #203, HESPERIA, CA 92345 OFFICE: 760-948-7771 FAX: 760-948-2271
- ☐ HEMET OIL COMPANY. P.O. BOX 766, HEMET, CA 92546 OFFICE: 951-658-5180 FAX: 951-658-7068

ACCOUNT NUMBER: [illegible] ORDER NUMBER: [illegible]

SOLD TO: [illegible] SHIP TO: [illegible] DATE [illegible]

[illegible] POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06033

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| [illegible] | | [illegible] | NET DUE IN 24 | [illegible] | [illegible] |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B / L NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| [illegible] | [illegible] | | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid NA1993 | | | | | | | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only ------ | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 170 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |
| | | GE[illegible]-3477 | 47 | | | | | | |
| | | YW8045 | 50 | | | | | | |
| | | RK7136 | 25 | | | | | | |
| | | MD1193 | 14 | | | | | | |
| | | GL9436 | 13 | | | | | | |
| | | YR7645 | 19 | | | | | | |

| PRODUCT | | | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX | See Above |
|---|---|---|---|---|---|---|---|
| BEFORE | 95502.8 | | | | | | |
| AFTER | 95655 | | | | | TOTAL | 0.00 |

CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | CHECK AMOUNT | CREDIT CARD

NET DUE AFTER [illegible]. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL → 0.00

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

# KENNY STRICKLAND INC.

FED ID# 95-3827683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

| | | |
|---|---|---|
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 FAX: 760-398-1921 |
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 FAX: 951-658-7068 |

ACCOUNT NUMBER: 10924

INVOICE NUMBER 11073755

SOLD TO:

SHIP TO 5029590

DATE 11/22/11

GEMMA POWER SYSTEM

2451 MAIN STREET
GLASTONBURY, CT 06033

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY DATE |
|---|---|---|---|---|---|
| 11-01253-0285 | | 012 | NET DUE 15 DAY | 12/07/11 | 11/22/11 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B / L NUMBER | TIME IN | TIME OUT |
|---|---|---|---|---|---|---|
| 001 | HECTOR | 99 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid NA1993 | | | | | | | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 264 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | OR SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |
| | | GALLS | | | | | | | |
| | | Generator 413977- | | 58 | | | | | |
| | | DC2 197 YR7G45 | | 95 | | | | | |
| | | SCAP YW8D43 | | 88 | | | | | |
| | | 1a X X7236 | | 49 | | | | | |
| | | GL 9436 | | 17 | | | | | |
| | | SC MD4095 | | 27 | | | | | |

| PRODUCT | 4 | | | | ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS. | SALES TAX | See Above |
|---|---|---|---|---|---|---|---|
| BEFORE | 9559088 | | | | | | |
| AFTER | 9559352 | | | | | TOTAL | 0.00 |

| CASH SALE ☐ | CHARGE SALE ☑ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

DUE AFTER 12/07/11. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned - X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL 0.00

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

11-22-11

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

| | | |
|---|---|---|
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 FAX: 760-398-1921 |
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 FAX: 951-658-7068 |

ACCOUNT NUMBER: NUMBER

SOLD TO: SHIP TO: DATE

GEMA POWER SYSTEM

8401 MAIN STREET
BLASTONBURY, CT 06033

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY D |
|---|---|---|---|---|---|
| 11-01253-0285 | | 018 | NET DUE 10 DAY | 12/08/11 | 11/23/1 |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME |
|---|---|---|---|---|---|---|
| 001 | ANTONIO | 99 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOU |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid | | | | | | NA1993 | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 354 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | 248 | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT-DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |
| | | Bottom Loader — 62 | | | | | | | |
| | | Fork Lift — 7 | | | | | | | |
| | | Shaper — 91 | | | | | | | |
| | | Excavator — 25 | | | | | | | |
| | | Loader — 26 | | | | | | | |
| | | Backhoe — 18 | | | | | | | |
| | | Dozer — 19 | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT | 4 | | | | |
| BEFORE | 54583 | | | | |
| AFTER | 54637 | | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX

TOTAL

| CASH SALE ☐ | CHARGE SALE ☒ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

PAST DUE AFTER . If account unpaid within time permitted, customer agrees to pay interest at **18% PER ANNUM** and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

| | | |
|---|---|---|
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 FAX: 760-398-1921 |
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 FAX: 951-658-7068 |

ACCOUNT NUMBER: [illegible]

ORDER NUMBER: [illegible]

SOLD TO:
GEMMA POWER SYSTEM

2461 MAIN STREET
GLASTONBURY, CT 06073

SHIP TO: [illegible]

DATE [illegible]

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY D |
|---|---|---|---|---|---|
| 11-01253-0205 | | 012 | NET DUE 15 DAY | [illegible] | [illegible] |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME |
|---|---|---|---|---|---|---|
| 001 | HELTON | [illegible] | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOUNT |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 WA1993, PG 1) - Combustible Liquid WA1993 | | | | | | | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only ------ | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 83 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

Generator 3977 - 15
YW5D45 20
GL9M36-FULL
DM04D93 19
VP7G93 10
RK7L3C 19

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT | 4 | | | | |
| BEFORE | 95111 45 | | | | |
| AFTER | 95017 25 | | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX See Above

TOTAL [illegible]

| CASH SALE ☐ | CHARGE SALE ☐ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

PAST DUE AFTER [illegible]. If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL [illegible]

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

# KENNY STRICKLAND INC.

FED ID# 95-3627683

PLEASE REMIT PAYMENT TO THE OFFICE CHECKED BELOW:

| | | |
|---|---|---|
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 998, COACHELLA, CA 92236 | OFFICE: 760-398-2031 FAX: 760-398-1921 |
| ☐ KENNY STRICKLAND, INC. | P.O. BOX 943, IMPERIAL, CA 92251 | OFFICE: 760-355-0332 FAX: 760-355-0338 |
| ☐ KENNY STRICKLAND, INC. | 17056 HERCULES ST #203, HESPERIA, CA 92345 | OFFICE: 760-948-7771 FAX: 760-948-2271 |
| ☐ HEMET OIL COMPANY. | P.O. BOX 766, HEMET, CA 92546 | OFFICE: 951-658-5180 FAX: 951-658-7068 |

SOLD TO:

GEMMA POWER SYSTEM

2461 MAIN STREET

ACCOUNT NUMBER:

SHIP TO: J0094 0000002

DESERT HOT SPRINGS

PROJECT #1101253

ORDER NUMBER

DATE 11/04/2017 11/29/17

| PURCHASE ORDER NUMBER | RELEASE | ORDERED BY | TERMS | DUE DATE | DELIVERY D |
|---|---|---|---|---|---|
| 1-01253-0000 | | | NET DUE 15 DAY | | |

| SALES REP. | DRIVER | TRUCK NUMBER | CARRIER | B/L NUMBER | TIME IN | TIME |
|---|---|---|---|---|---|---|
| 001 | HECTOR | 39 | | | | |

| NO. OF PKG'S | BULK OR PKG. SIZE | PRODUCT DELIVERED | ORDERED | DELIVERED | TAXES FED | TAXES STATE | TAXES MISC. | PRICE | AMOU |
|---|---|---|---|---|---|---|---|---|---|
| | | *** Diesel Fuel, 3 NA1993, PG II - Combustible Liquid | | | | | | NA1993 | *** |
| | | *** Red Dyed Diesel For Nontaxable Use Only ------ | | | | | | | *** |
| | | *** Penalty for Taxable Use. | | | | | | | *** |
| | BULK | 000143 PREM/DYED ULS DSL | | 175 | | | | | |
| | | ENVIRONMENT FEE/FUELS | | | | | | | |
| | | CA SALES TAX PAYABLE | | | | | | | |
| | | *** DELIVERY NOTES *** | | | | | | | |
| | | *** DELIVERY MESSAGE *** | | | | | | | |
| | | ALL INVOICES PAID WITH CREDIT/DEBIT CARD | | | | | | | |
| | | WILL BE SUBJECT TO A 2.5% SERVICE FEE | | | | | | | |
| | | VISIT US AT www.kennystrickland.com | | | | | | | |

Generic: 3977 — 53
4302 — 8
VF7695 — 10
AK7236 — 23
7240.462 — 7
VW5745 — 55
G49436 — 14

| | | | | | |
|---|---|---|---|---|---|
| PRODUCT | 7 | | | | |
| BEFORE | 9562750 | | | | |
| AFTER | 9562955 | | | | |

ALL APPLICABLE GAS AND DIESEL FUEL TAXES ARE SHOWN AS SEPARATE LINE ITEMS.

SALES TAX

TOTAL

| CASH SALE ☐ | CHARGE SALE ☑ | CASH AMOUNT | | CHECK AMOUNT | | CREDIT CARD | |
|---|---|---|---|---|---|---|---|

PAST DUE AFTER . If account unpaid within time permitted, customer agrees to pay interest at 18% PER ANNUM and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

Number of Drums Returned X $ <

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL

☐ ABOVE GROUND TANK ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

30 November 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, Griffith Company will use the following diesel-powered equipment:

1.0 Skyjack Forklift URS#0011
2.0 Skytrak Forklift URS#0013
3.0 Genie Forklift URS#0075

This equipment arrived at the CSEP site starting 29 September and 31 October 2011 and is scheduled to be on-site off and on through November 2011. All off-road equipment exceeding 100 hp has either been outfitted with a Tier 3 engine, or there does not exist an available replacement machine of this type with a Tier 3 engine as verified by an attempt by Griffith Company to locate it. This level of effort is satisfactory to the AQCMM.

As for maintenance, Griffith Company certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since Griffith Company will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards

Name: KYLE BEATY Date: 11/29/11

Company: GRIFFITH COMPANY Title: SAFETY REP

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

30 November 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, University Mechanical will use the following diesel-powered equipment:

1.) Skytrak Forklift JLG 10054 URS# 0014

This equipment arrived at the CSEP site starting 28-Nov-11 and is scheduled to be on-site off and on through November 2011. All off-road equipment exceeding 100 hp has either been outfitted with a Tier 3 engine, or there does not exist an available replacement machine of this type with a Tier 3 engine as verified by an attempt by University Mechanical to locate it. This level of effort is satisfactory to the AQCMM.

As for maintenance, University Mechanical certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since University Mechanical will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards

Name: MIKE O'BRIEN Date: 11-29-11

Company: UNIVERSITY MECH Title: G. FORMAN

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

30 November 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, MJ Electric, LLC. will use the following diesel-powered equipment:

1.) GRADALL Forklift JLG G6-42P URS# 0046

This equipment arrived at the CSEP site starting 28-Nov-11 and is scheduled to be on-site off and on through November 2011. All off-road equipment exceeding 100 hp has either been outfitted with a Tier 3 engine, or there does not exist an available replacement machine of this type with a Tier 3 engine as verified by an attempt by MJ Electric LLC to locate it. This level of effort is satisfactory to the AQCMM.

As for maintenance, MJ Electric LLC certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since MJ Electric, LLC will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards

Name: Kevin Sanderson Date: 11-29-11

Company: MJ Electric Title: Proj Supt.

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

30 November 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, Sukut Construction will use the following diesel-powered equipment:

1.) CAT Excavator 321D URS#0238
2.) CAT Dozer 430E URS#0077

This equipment arrived at the CSEP site starting 07-Nov-11 and is scheduled to be on-site off and on through November 2011. All off-road equipment exceeding 100 hp has either been outfitted with a Tier 3 engine, or there does not exist an available replacement machine of this type with a Tier 3 engine as verified by an attempt by Sukut Equipment to locate it. This level of effort is satisfactory to the AQCMM.

As for maintenance, Sukut Equipment certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since Sukut Equipment will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards

Name: [illegible] Date: 11-29-2011

Company: SUKUT Title: 7:00 am

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

30 November 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, Graver Tank will use the following diesel-powered equipment:

1.) Maxim Crane Works Maxim 1993 URS# 0062

This equipment arrived at the CSEP site starting 28-Nov-11and is scheduled to be on-site off and on through November 2011. All off-road equipment exceeding 100 hp has either been outfitted with a Tier 3 engine, or there does not exist an available replacement machine of this type with a Tier 3 engine as verified by an attempt by Graver Tank to locate it. This level of effort is satisfactory to the AQCMM.

As for maintenance, Graver Tank certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since Graver Tank will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards

Name: Randy Bottomer Date: 11/29/2011

Company: GRAVER TANK CO Title: REGIONAL MGR

URS Corporation
Attn. Anne Runnalls
4225 Executive Square, Suite 1600
La Jolla, CA 92037

30 November 2011

Re: CSEP Site Diesel Equipment

Dear Ms. Runnalls,

For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, Gemma Power Systems CA will use the following diesel-powered equipment:

1.) JLG Forklift 544D URS#0026
2.) CAT Scraper 623F URS#0027
3.) John Deere Dozer 644J URS# 0028
4.) John Deere Excavator 120D URS# 0074
5.) John Deere Dozer 650J URS#0029
6.) SKYTRAK Forklift JLG 10054 URS# 0059
7.) METSO Rock Separator Lokotrak ST171 URS# 0078
8.) Komatsu Backhoe PC35 MR URS# 0030

This equipment arrived at the CSEP site starting 24-Oct-11 and is scheduled to be on-site off and on through November 2011. All off-road equipment exceeding 100 hp has either been outfitted with a Tier 3 engine, or there does not exist an available replacement machine of this type with a Tier 3 engine as verified by an attempt by Gemma Power Systems CA to locate it. This level of effort is satisfactory to the AQCMM.

As for maintenance, Gemma Power Systems CA certifies that it maintains its equipment on a regular basis to factory specifications.

All diesel fuel sold in California is ultra-low sulfur diesel. Since Gemma Power Systems CA will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Regards

Name: _____ Date: 11-29-11

Company: Gemma Power Title: Site Civil Superintendent

United Rentals, Inc #554
36025 Cathedral Canyon Dr
Cathedral City, Ca 92234

tel: 760.328.6573
fax: 760.328.9724

unitedrentals.com

November 29, 2011

University Mechanical and Engineering Contractors, Inc
1168 Fesler Street
El Cajon, Ca 92020

To whom it may concern,

United Rentals has been awarded the opportunity to supply two reach forklifts with truss booms to the CPV Sentinel Energy Project in Desert Hot Springs, California. Currently at this time of rental, one of the reach forklifts is Tier II compliant as Tier III units are all currently on rent elsewhere. We will diligently work to exchange this forklift with a Tier III unit ASAP as needed. We at the Cathedral City location appreciate your continued business and look forward to servicing your rental needs throughout this job.

Sincerely,

Garren Injijian

**Garren Injijian**
United Rentals, Inc #554 | Branch Manager
☎ Office 760.328.6573 | 🖷 Fax 888.397.5332 | ☎ Direct 909.217.2035
36025 Cathedral Canyon Drive, Cathedral City, Ca 92234 | ginjijia@ur.com

EX-87243

| California Environmental Protection Agency AIR RESOURCES BOARD | CUMMINS INC. | EXECUTIVE ORDER U-R-002-0388 New Off-Road Compression-Ignition Engines |
|---|---|---|

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the following compression-ignition engine and emission control system produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

| MODEL YEAR | ENGINE FAMILY | DISPLACEMENT (liters) | FUEL TYPE | USEFUL LIFE (hours) |
|---|---|---|---|---|
| 2007 | 7CEXL0275AAG | 4.5 | Diesel | 8000 |

| SPECIAL FEATURES & EMISSION CONTROL SYSTEMS | TYPICAL EQUIPMENT APPLICATION |
|---|---|
| Direct Diesel Injection, Turbocharger, Charge Air Cooler, Engine Control Module | Loader, Tractor, Dozer, Pump and Compressor |

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

| RATED POWER CLASS | EMISSION STANDARD CATEGORY | | EXHAUST (g/kw-hr) | | | | | OPACITY (%) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | HC | NOx | NMHC+NOx | CO | PM | ACCEL | LUG | PEAK |
| 75 ≤ kW < 130 | Tier 3 | STD | N/A | N/A | 4.0 | 5.0 | 0.30 | 20 | 15 | 50 |
| | | CERT | -- | -- | 3.8 | 0.9 | 0.13 | 1 | 1 | 3 |

**BE IT FURTHER RESOLVED:** That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

**This Executive Order is only granted to the engine family and model-year listed above. Engines in this *family that are produced for any other model-year are not covered by this Executive Order.***

Executed at El Monte, California on this 14 day of December 2006.

Annette Hebert, Chief
Mobile Source Operations Division

# Engine Model Summary Form

ATTACHMENT B 1 of 2

U-R-002-0388

Manufacturer: Cummins Inc.

Engine category: Nonroad CI

EPA Engine Family: 7CEXL0275AAG

Mfr Family Name: A323

Process Code: Running Change

| 1.Engine Code | 2.Engine Model | 3.BHP @ RPM (SAE Gross) | 4.Fuel Rate: mm/stroke @ peak HP (for diesel only) | 5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only) | 6.Torque @ RPM (SEA Gross) | 7.Fuel Rate: mm/stroke @ peak torque | 8.Fuel Rate: (lbs/hr) @ peak torque | 9.Emission Control Device Per SAE J1930 |
|---|---|---|---|---|---|---|---|---|
| 8725;FR91995 | QSB4.5 | 170 @ 2200 | 133 | 65.8 | 475 @ 1500 | 145 | 48.9 | DDI TC CAC |
| 8725;FR91487 | QSB4.5 | 170 @ 2500 | 122 | 68.6 | 460 @ 1500 | 140 | 47.2 | DDI TC CAC |
| 8725;FR91485 | QSB4.5 | 165 @ 2000 | 129 | 58.0 | 460 @ 1500 | 140 | 47.2 | DDI TC CAC |
| 8725;FR91601 | QSB4.5 | 160 @ 2500 | 124 | 69.9 | 460 @ 1500 | 140 | 47.2 | DDI TC CAC |
| 8725;FR91604 | QSB4.5 | 160 @ 2400 | 122 | 65.9 | 460 @ 1500 | 140 | 47.2 | DDI TC CAC |
| 8725;FR91605 | QSB4.5 | 160 @ 2300 | 127 | 65.6 | 460 @ 1500 | 140 | 47.2 | DDI TC CAC |
| 8725;FR91608 | QSB4.5 | 160 @ 2200 | 130 | 64.2 | 460 @ 1500 | 140 | 47.2 | DDI TC CAC |
| 8755;FR91609 | QSB4.5 | 130 @ 2200 | 104 | 51.4 | 457 @ 1500 | 135 | 45.5 | DDI TC CAC |
| 8755;FR91604 | QSB4.5 | 148 @ 2300 | 113 | 58.5 | 441 @ 1500 | 134 | 45.2 | DDI TC CAC |
| 8755;FR91602 | QSB4.5 | 130@2500 | 101 | 58.5 | 467@1500 | 140 | 47.1 | DDI TC CAC |
| 8755;FR91565 | QSB4.5 | 130@2300 | 104 | 53.5 | 376@1500 | 126 | 42.4 | DDI TC CAC |
| 8755;FR91486 | QSB4.5 | 152@2200 | 123 | 60.7 | 405@1500 | 136 | 45.7 | DDI TC CAC |
| 8755;FR91612 | QSB4.5 | 139@2000 | 125 | 58.2 | 372@1500 | 117 | 39.4 | DDI TC CAC |
| 8755;FR91616 | QSB4.5 | 130@2000 | 117 | 52.5 | 457@1400 | 137 | 43.0 | DDI TC CAC |
| 8755;FR91614 | QSB4.5 | 132@2000 | 116 | 52.1 | 368@1500 | 129 | 43.3 | DDI TC CAC |
| 8755;FR91621 | QSB4.5 | 130@1800 | 127 | 51.6 | 457@1300 | 125 | 36.4 | DDI TC CAC |
| 8756;FR92073 | QSB4.5 | 149 @ 2200 | 115 | 56.8 | 433 @ 1600 | 134 | 48.2 | DDI TC CAC |
| 8756;FR92074 | QSB4.5 | 128 @ 2200 | 106 | 52.2 | 397 @ 1600 | 127 | 45.6 | DDI TC CAC |
| 8756;FR92075 | QSB4.5 | 109 @ 2200 | 93 | 45.7 | 338 @ 1500 | 116 | 39.2 | DDI TC CAC |
| 8756;FR91613 | QSB4.5 | 140@2000 | 121 | 54.1 | 433@1500 | 135 | 45.6 | DDI TC CAC |
| 8756;FR91615 | QSB4.5 | 128@2000 | 111 | 74.7 | 408@1400 | 126 | 39.7 | DDI TC CAC |
| 8756;FR91618 | QSB4.5 | 109@2000 | 98 | 44.0 | 338@1500 | 112 | 37.9 | DDI TC CAC |
| 8756;FR92115 | QSB4.5 | 140@2200 | 115 | 56.8 | 433@1500 | 134 | 45.2 | DDI TC CAC |
| 8756;FR92116 | QSB4.5 | 128@2200 | 106 | 52.2 | 430@1400 | 127 | 39.9 | DDI TC CAC |
| 8756;FR92117 | QSB4.5 | 109@2200 | 93 | 45.7 | 340@1500 | 116 | 39.1 | DDI TC CAC |
| 8756;FR92206 | QSB4.5 | 133@2250 | 94 | 47.3 | 382@1500 | 129 | 43.7 | DDI TC CAC |
| 8756;FR92234 | QSB4.5 | 125@2100 | 103 | 48.6 | 408@1400 | 129 | 40.7 | DDI TC CAC |
| 8756;FR91603 | QSB4.5 | 110@2500 | 95 | 47.5 | 360@1500 | 123 | 41.6 | DDI TC CAC |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8754,FR91611 | QSB4.5 | 110@2200 | 90 | 44.5 | 360@1500 | 126 | 42.4 | DDI,TC,CAC |
| 8754,FR91622 | QSB4.5 | 110@1800 | 110 | 44.3 | 360@1300 | 113 | 39.0 | DDI,TC,CAC |
| 8754,FR91680 | QSB4.5 | 121@2200 | 95 | 47.0 | 346@1500 | 114 | 38.4 | DDI,TC,CAC |
| 1100,FR91964 | QSB5.G3 | 145@1800 | 135 | 54.7 | NA | NA | NA | DDI,PCM,TC,CAC |
| 1100,FR91964 | QSB5.G3 | 126@1500 | 140 | 47.1 | NA | NA | NA | PCM,TC,CAC |
| 1100,FR92203 | QSB5.G2 | 129@1800 | 122 | 49.4 | NA | NA | NA | PCM,TC,CAC |
| 1100,FR92203 | QSB5.G2 | 118@1600 | 127 | 42.9 | NA | NA | NA | PCM,TC,CAC |
| 1100,FR92202 | QSB5.G1 | 113@1800 | 115 | 46.9 | NA | NA | NA | PCM,TC,CAC |
| 1100,FR92202 | QSB5.G1 | 100@1500 | 119 | 40.0 | NA | NA | NA | PCM,TC,CAC |
| 8756,FR92326 | QSB4.5 | 125@2000 | 100 | 74.2 | 395@1400 | 123 | 58.1 | DDI,TC,CAC |
| 8756,FR91610 | QSB4.5 | 140@2000 | 121 | 54.1 | 432@1500 | 135 | 45.6 | DDI,TC,CAC |
| 8756,FR92115 | QSB4.5 | 140@2200 | 115 | 56.8 | 433@1600 | 126 | 45.2 | DDI,TC,CAC |
| 8756,FR92116 | QSB4.5 | 128@2200 | 106 | 52.2 | 430@1600 | 111 | 39.9 | DDI,TC,CAC |
| 8756,FR92117 | QSB4.5 | 109@2200 | 93 | 45.7 | 338@1500 | 116 | 39.1 | DDI,TC,CAC |
| 8756,FR92205 | QSB4.5 | 130@2200 | 97 | 47.9 | 362@1500 | 129 | 43.7 | DDI,TC,CAC |

ATTACHMENT B 2 of 2

W-C-002-0308