sierra
research

1801 J Street
Sacramento, CA 95811
Tel: (916) 444-6666
Fax: (916) 444-8373

Ann Arbor, MI
Tel: (734) 761-6666
Fax: (734) 761-6755

June 10, 2013

Mr. Craig Hoffman
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 29
April and May 2013

Dear Mr. Hoffman:

Enclosed please find the Monthly Compliance Report – Number 29 for the CPV Sentinel Energy Project for the months of April and May 2013. If you have any questions, please feel free to contact me at (949) 514-5655 or Amanda Johnson (Asst. Compliance Manager) at (949) 338-7537.

Sincerely,

Margaret M Fitz

Maggie Fitzgerald
Site Compliance Manager

cc: Project File

sierra research

CPV SENTINEL ENERGY PROJECT

MONTHLY COMPLIANCE REPORT – NUMBER 29

Report Period: April and May 2013

prepared for:
CPV Sentinel, LLC

June 10, 2013

prepared by:

Sierra Research, Inc.
1801 J Street
Sacramento, California 95811
(916) 444-6666

TABLE OF CONTENTS

SECTION **PAGE**

1.0 CURRENT PROJECT CONSTRUCTION STATUS 3
1.1 CONSTRUCTION ACTIVITIES 3
2.0 COMPLIANCE MATRIX 3
3.0 REQUIRED DOCUMENTS SUBMITTED WITH THIS REPORT 3
3.1 CBO DOCUMENTATION 3
3.2 WORKER ENVIRONMENTAL AWARENESS PROGRAM TRAINING 4
3.3 WORKER SAFETY 4
3.4 BIOLOGICAL RESOURCES 4
3.5 CULTURAL RESOURCES 4
3.6 PALEONTOLOGICAL RESOURCES 5
3.7 AIR QUALITY 5
4.0 COMPLIANCE REQUIREMENTS COMPLETED DURING THE REPORTING PERIOD 5
5.0 DELINQUENT SUBMITTALS 7
6.0 CHANGES TO CONDITIONS OF CERTIFICATION 7
7.0 FILINGS OR PERMITS ISSUED BY OTHER GOVERNMENTAL AGENCIES 7
8.0 UPCOMING PROJECT COMPLIANCE ACTIVITIES 7
9.0 LISTING OF THE MONTH'S ADDITIONS TO THE COMPLIANCE FILE 8
10.0 REQUESTS TO DISPOSE OF ITEMS REQUIRED TO BE MAINTAINED IN THE COMPLIANCE FILE 8
11.0 COMPLAINTS, NOTICES OF VIOLATIONS, WARNINGS AND CITATIONS 8
12.0 PENDING CEC APPROVALS 8

List of Figures

Figure 1 Construction Schedule

List of Appendices

Appendix A Key Events List & CEC Compliance Matrix
Appendix B CBO Documentation
Appendix C WEAP Acknowledgement Forms
Appendix D Worker Safety
Appendix E Biological Resources Monthly Summary Report
Appendix F Air Quality

1.0 CURRENT PROJECT CONSTRUCTION STATUS

This section of the monthly compliance report addresses the progress of the CPV Sentinel Energy Project construction activities. This is the final monthly compliance report for the project as construction was completed in April 2013. This report includes the submittals for May 2013 as well, per the request of the CPM.

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 completion of all construction has been updated from November 2013 to May 2013. 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:

- Completed commissioning and testing on CTGs 7 & 8;
- Completed commissioning of Zero Liquid Discharge (ZLD) system;
- Completed commissioning of Balance of Plant (BOP) systems;
- Completed construction on aboveground piping and electrical; and
- Completed Facility Reliability, Far-Field and Near-Field Noise and Aux Load Testing.

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 receipts for this reporting period (April and May 2013).

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 16 workers were trained. To date, a total of 1,928 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. Construction monitoring activities were completed in April 2013. The Construction Termination Report is being prepared by the Designated Biologist, and it will be submitted to the CEC the first week of June 2013.

3.5 Cultural Resources

All project related earth-disturbing activities were completed in September 2012. Therefore, monitoring for Cultural Resources has been completed for the project. Per condition CUL-4, the designated Cultural Resources Specialist (CRS) prepared the Cultural Resources Report (CRR) and it was submitted 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 on December 7, 2012. As required by the verification of condition CUL-4, “60 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.” No comments were received from the County or Native American groups within the 60 day comment period, so the final CRR was submitted to the CEC as a confidential filing on February 14, 2013 and the CEC provided approval on April 8, 2013.

3.6 Paleontological Resources

All project related earth-disturbing activities were completed in September 2012. Therefore, monitoring for Paleontological Resources has been completed for the project. Per condition PAL-7, the Paleontological Resources Report (PRR) was completed by the designated Paleontological Resources Specialist and was submitted to the CPM on September 10, 2012. CEC Staff approved the PRR on October 12, 2012.

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 F 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 F 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 April and May there were no short-term diesel-fueled equipment on-site.

As required by condition AQ-3, a summary of gas turbine, emergency fire pump engine, and cooling tower commissioning phase operating/emissions data for the reporting period is included in Appendix F of this monthly compliance report.

Please note that construction related monitoring activities and commissioning data for this reporting period were only necessary for April 2013, as construction was completed prior to May 1, 2013.

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
AQ-1	Notification of initial catalysts use for Unit 8	--	4/1/13	4/2/13	Approved (only Qtr Rpts open)
AQ-7	SCAQMD Source Test Report for CPV Sentinel Energy Project's Unit 6	--	4/11/13	4/12/13	Complete
AQ-9	Notification of the completion of CEMS certification for Unit 8	--	4/11/13	4/12/13	Complete
AQ-7	SCAQMD Source Test Report for CPV Sentinel Energy Project's Unit 5	--	4/17/13	4/17/13	Complete
CIVIL-4	Final grading plans	5/30/13	4/19/13	5/6/13	Complete
NOISE-4	Far-field noise compliance report	5/30/13	4/17/13	5/1/13	Complete
CUL-4.3	Copies of the final Cultural Resources Report were sent to SHPO, CHRIS and curation museum.	4/18/13	4/15/13	4/23/13	Complete
AQ-15	ATCM Notification for Diesel-Fueled Fire Water Pump Engine for the CPV Sentinel Energy Project that was sent to the SCAQMD	--	4/23/13	4/23/13	Approved (only Qtr Rpts open)
AQ-SC 9	Quarterly Operation Report for 1st Quarter (January-March) 2013	Quarterly	4/25/13	5/3/13	Approved/ On-going (Qtr Rpts)
NOISE-5	Near field noise survey reports	5/30/13	4/26/13	5/7/13	Complete
SOIL&WATER-8	Evidence that the metering devices have been installed for PW-1 and PW-2	4/30/13	4/26/13	5/3/2013	On-going (Annual Report)
SOIL&WATER-4.1	Operational SWPPP	4/30/13	4/29/13	5/3/2013	Complete
SOIL&WATER-4.2	NOI submitted to SWRCB	4/30/13	4/29/13	5/3/2013	Complete
TLSN-5	The project owner/SCE shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership.	--	--	4/30/13	Complete
WORKER SAFETY-2	Supplement to CEC that as of 4-30-13, no comments received from FD on WS-2 documents, so documents may now be considered final	--	4/30/13	4/30/13	Complete
AQ-15	Letter from responsible mechanical engineer that fire water pump devices have been installed and are functioning properly.	--	4/30/13	5/1/13	Approved (only Qtr Rpts open)
VIS-2.4	Letter notification that the lighting has been completed and is ready for inspection.	4/30/13	4/30/13	5/1/13	Complete
AQ-7	SCAQMD Source Test Report for CPV Sentinel Energy Project's Unit 7	--	4/30/13	5/1/13	Complete
AQ-7	SCAQMD Source Test Report for CPV Sentinel Energy Project's Unit 8	--	4/30/13	5/1/13	Complete
AQ-9	CEMS Certification Report for CPV Sentinel Energy Project's Unit 7	--	4/30/13	5/1/13	Complete

COC	Description	Date Due	Date Submitted	CEC Approval Date	Status
AQ-9	CEMS Certification Report for CPV Sentinel Energy Project's Unit 7	--	4/30/13	5/1/13	Complete
VIS-1.3	Notification to CPM that all surface treatments for the project are complete and ready for inspection, and post-construction KOP photographs.	5/31/13	5/1/13	5/3/13	Complete
COMPLIANCE-12 & 13	Unplanned Temporary Closure and Unplanned Permanent Closure/On-Site Contingency Plan for CPV Sentinel Energy Project	5/15/13	5/13/13	5/13/13	Complete
HAZ-2	CUPA acceptance letter of the Risk Management Plan	--	5/23/13	5/23/13	Complete

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 UPCOMING PROJECT COMPLIANCE ACTIVITIES

Construction related conditions of certification submittals are now complete. CBO submittals for the project are also complete.

As construction activities have now been completed for the project, on-going construction compliance activities listed in Table 8-2 of the previous monthly compliance report will now cease.

Operational related submittals will be included in first Annual Compliance Report, which is anticipated to be submitted in June 2014. Other upcoming submittals include the Air Quality Quarterly Operations Reports.

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

The compliance file is being maintained by Sierra Research. 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

A Notice of Violation was issued by the SCAQMD to the CPV Sentinel project in March 2013 for the operation of the fire pump which was a different model number than the one listed in the air permit. CPV Sentinel has resolved the discrepancy with the SCAQMD by replacing the fire pump with an engine matching the specified model number in the permit. No other 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

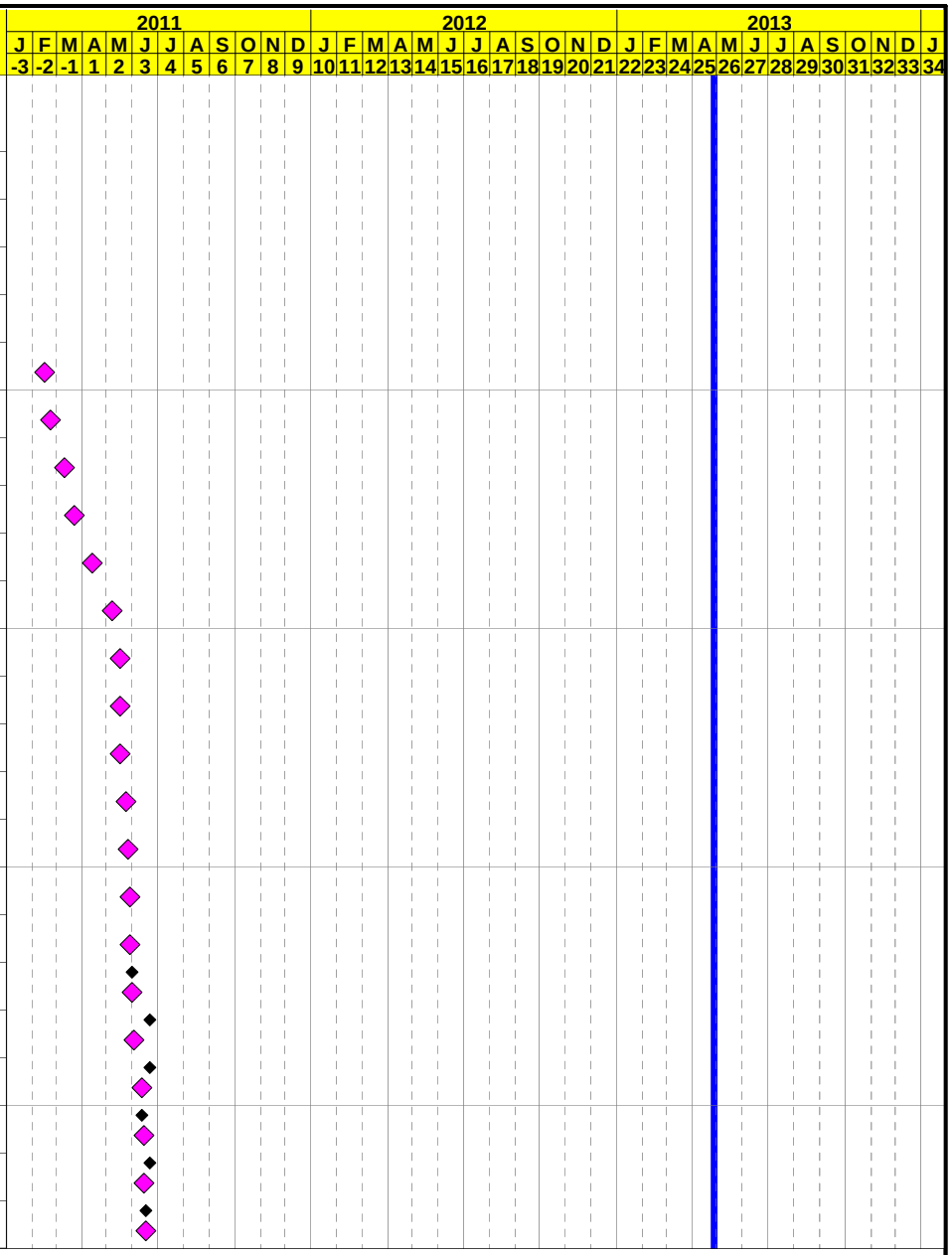
There are no outstanding CEC approvals for COCs submitted by the project that requested approvals by the end of this reporting period.

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	13AUG13
Data Date	27APR13

Gemma Power Systems

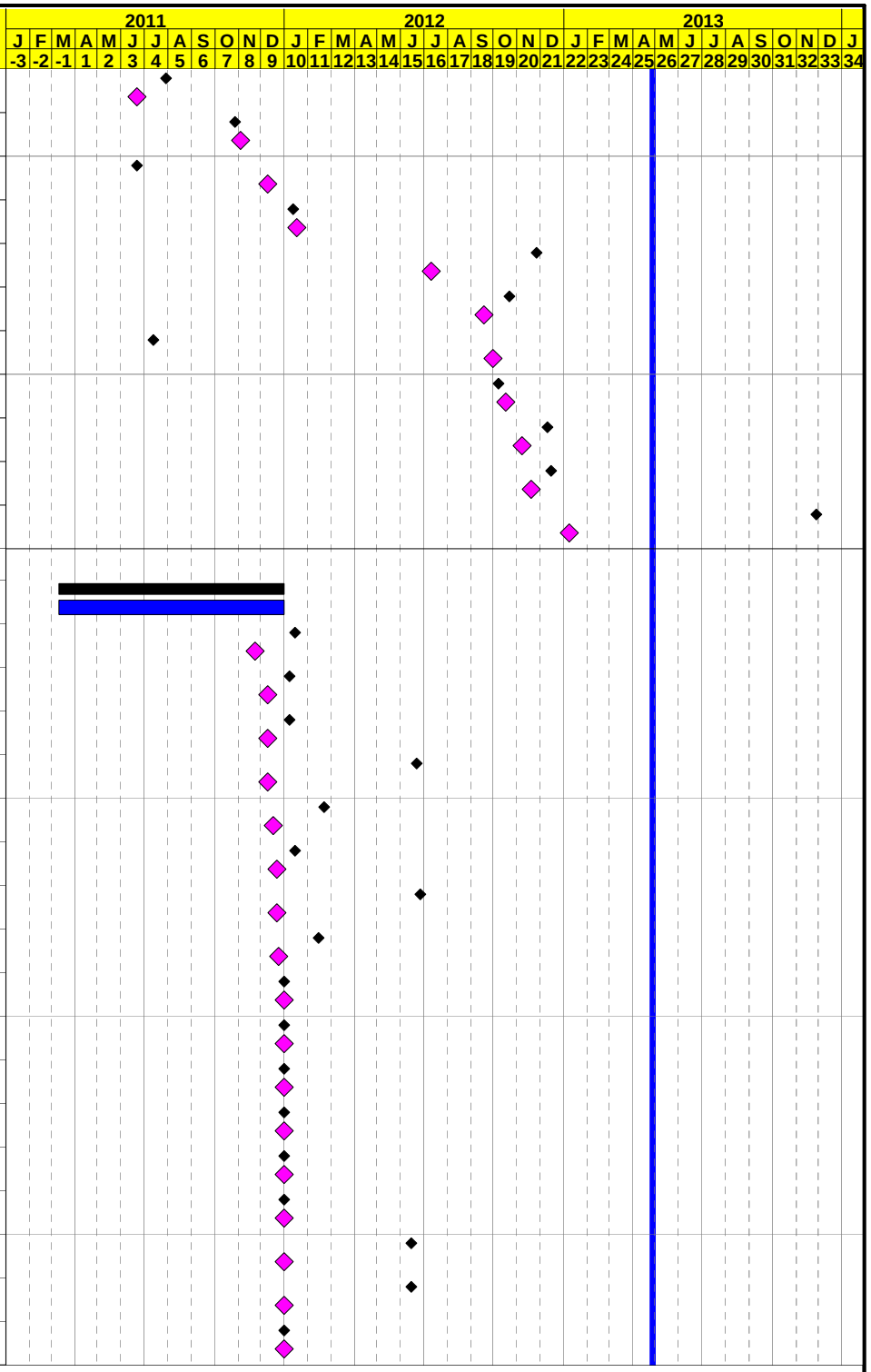
CPV Sentinel

Level One Project Schedule

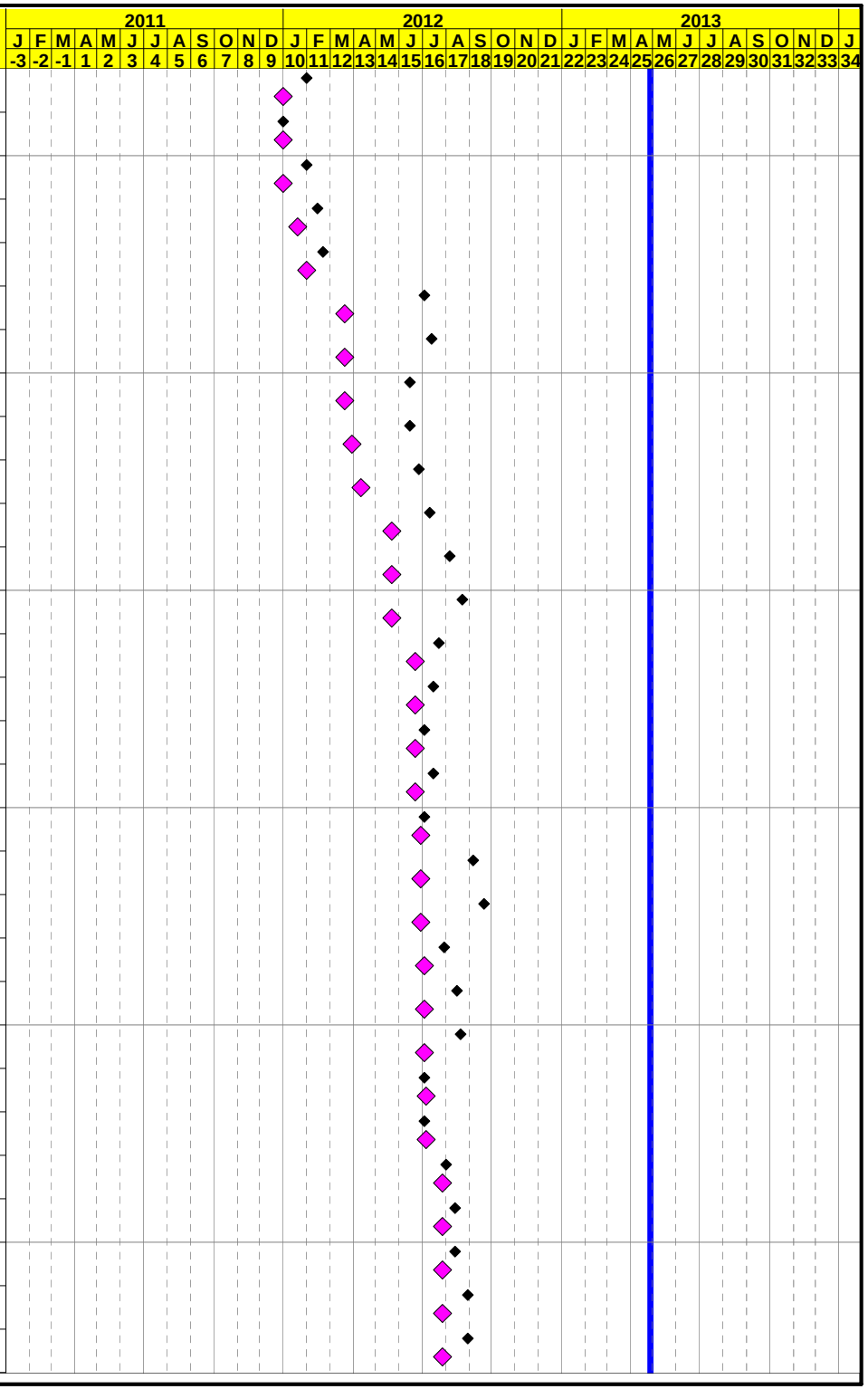
Project Baseline
Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

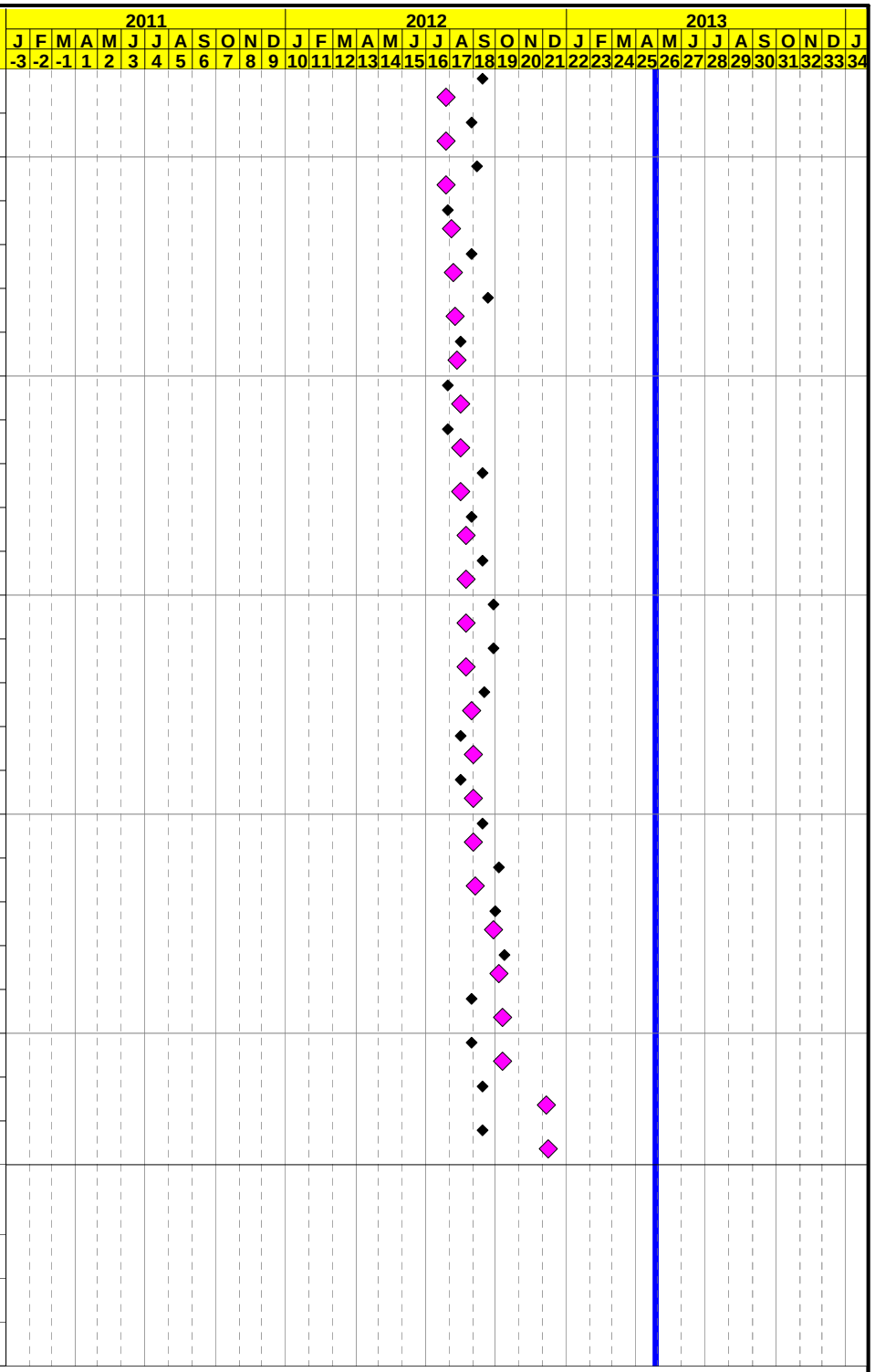
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1031	CPV Provide Site Access Road Complete	0	0	22JUN11A	
1190	CPV Provide Full Construction Power	0	0		02NOV11A
1191	CPV Provide Site Communication Interface	0	0		08DEC11A
1192	CPV Provide GE TA's	0	0	16JAN12A	
1200	CPV Provide First Fills	0	0		09JUL12A
1201	CPV Provide Operators	0	0	17SEP12A	
1100	CPV Provide Complete New On Site Wells	0	0		28SEP12A
1210	CPV Provide Back Feed Power	0	0		16OCT12A
1220	CPV Provide Commissioning Water & Demin Trailers	0	0		05NOV12A
1230	CPV Provide Fuel Gas	0	0		17NOV12A
1240	CPV Provide the Ability to put Power to the Grid	0	0	09JAN13A	
GE Equipment Delivery					
1109	GE Fabricate GTG & Accessories	259	0	12MAR11A	30DEC11A
1319	FAS Intercooler Piping Unit 1, South Korea	0	0		22NOV11A
1317	FAS VBV Equip. Unit 1, Shanghai	0	0		08DEC11A
1327	FAS VBV Equip. Unit 2, Shanghai	0	0		08DEC11A
1337	FAS VBV Equip. Unit 3, Shanghai	0	0		08DEC11A
1313	FAS Generator Unit 1, Pizen	0	0		16DEC11A
1329	FAS Intercooler Piping Unit 2, South Korea	0	0		21DEC11A
1339	FAS Intercooler Piping Unit 3, South Korea	0	0		21DEC11A
1315	FAS Intercooler Unit 1, South Korea	0	0		22DEC11A
1311	RTS Balance of Equipment Unit 1, Houston	0	0		30DEC11A
1312	RTS Gas Turbine Package Unit 1, Houston	0	0		30DEC11A
1318	RTS Water Pump Skid Unit 1, Mexico City	0	0		30DEC11A
1321	RTS Balance of Equipment Unit 2, Houston	0	0		30DEC11A
1322	RTS Gas Turbine Package Unit 2, Houston	0	0		30DEC11A
1328	RTS Water Pump Skid Unit 2, Mexico City	0	0		30DEC11A
1331	RTS Balance of Equipment Unit 3, Houston	0	0		30DEC11A
1332	RTS Gas Turbine Package Unit 3, Houston	0	0		30DEC11A
1314	RTS PCM Unit 1, Houston	0	0		31DEC11A



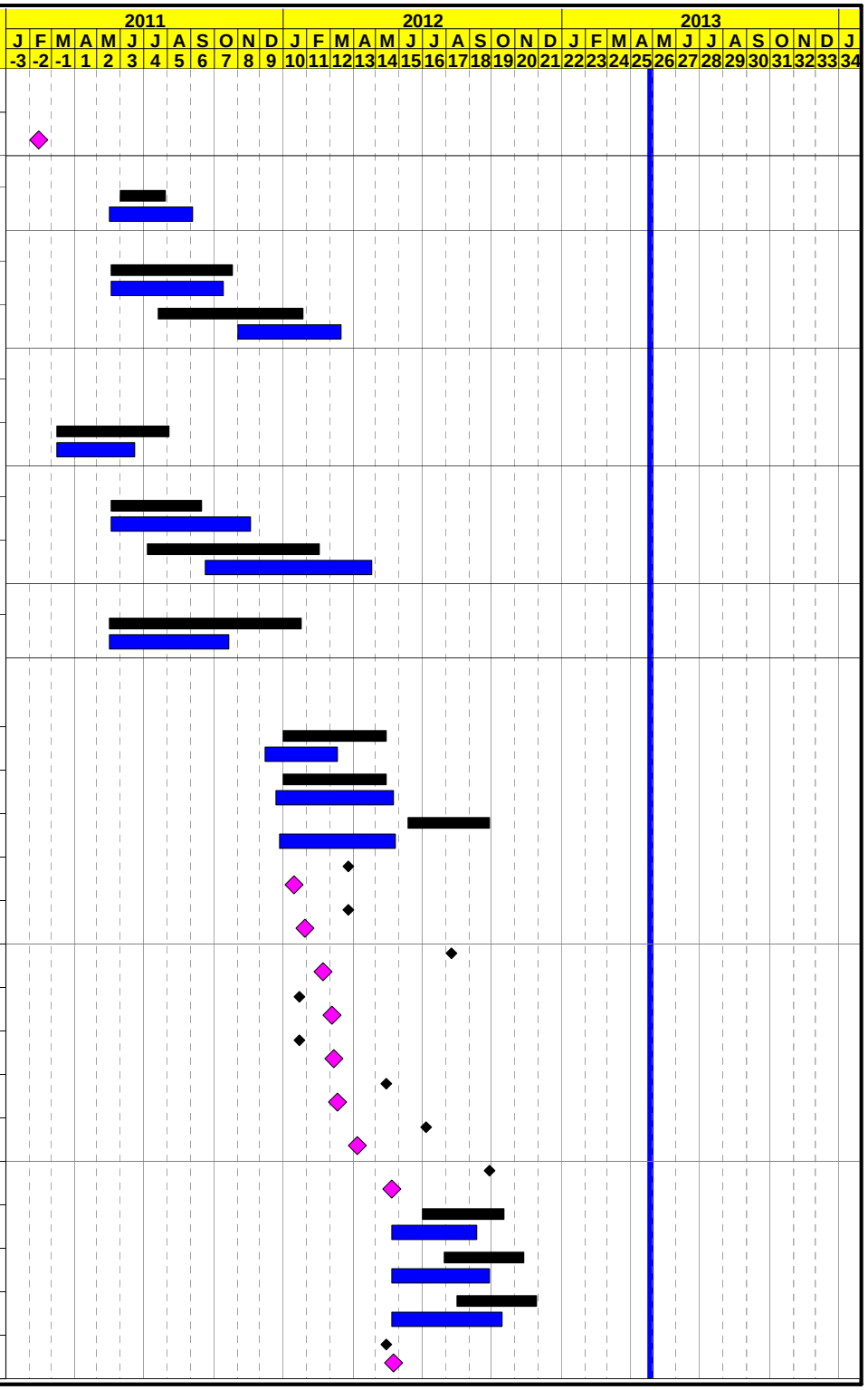
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1316	RTS Air Filter Unit 1	0	0		31DEC11A
1324	RTS PCM Unit 2, Houston	0	0		31DEC11A
1326	RTS Air Filter Unit 2	0	0		31DEC11A
1325	FAS Intercooler Unit 2, South Korea	0	0		18JAN12A
1323	FAS Generator Unit 2, Pizen	0	0		31JAN12A
1333	FAS Generator Unit 3, Pizen	0	0		21MAR12A
1334	RTS PCM Unit 3, Houston	0	0		21MAR12A
1338	RTS Water Pump Skid Unit 3, Mexico City	0	0		21MAR12A
1336	RTS Air Filter Unit 3	0	0		30MAR12A
1335	FAS Intercooler Unit 3, South Korea	0	0		10APR12A
1347	FAS VBV Equip. Unit 4, Shanghai	0	0		22MAY12A
1357	FAS VBV Equip. Unit 5, Shanghai	0	0		22MAY12A
1367	FAS VBV Equip. Unit 6, Shanghai	0	0		22MAY12A
1343	FAS Generator Unit 4, Pizen	0	0		21JUN12A
1345	FAS Intercooler Unit 4, South Korea	0	0		21JUN12A
1346	RTS Air Filter Unit 4	0	0		21JUN12A
1349	FAS Intercooler Piping Unit 4, South Korea	0	0		21JUN12A
1348	RTS Water Pump Skid Unit 4, Mexico City	0	0		28JUN12A
1377	FAS VBV Equip. Unit 7, Shanghai	0	0		29JUN12A
1387	FAS VBV Equip. Unit 8, Shanghai	0	0		29JUN12A
1356	RTS Air Filter Unit 5	0	0		02JUL12A
1366	RTS Air Filter Unit 6	0	0		02JUL12A
1353	FAS Generator Unit 5, Pizen	0	0		03JUL12A
1341	RTS Balance of Equipment Unit 4, Houston	0	0		05JUL12A
1342	RTS Gas Turbine Package Unit 4, Houston	0	0		05JUL12A
1344	RTS PCM Unit 4, Houston	0	0		26JUL12A
1355	FAS Intercooler Unit 5, South Korea	0	0		26JUL12A
1359	FAS Intercooler Piping Unit 5, South Korea	0	0		26JUL12A
1365	FAS Intercooler Unit 6, South Korea	0	0		26JUL12A
1369	FAS Intercooler Piping Unit 6, South Korea	0	0		26JUL12A



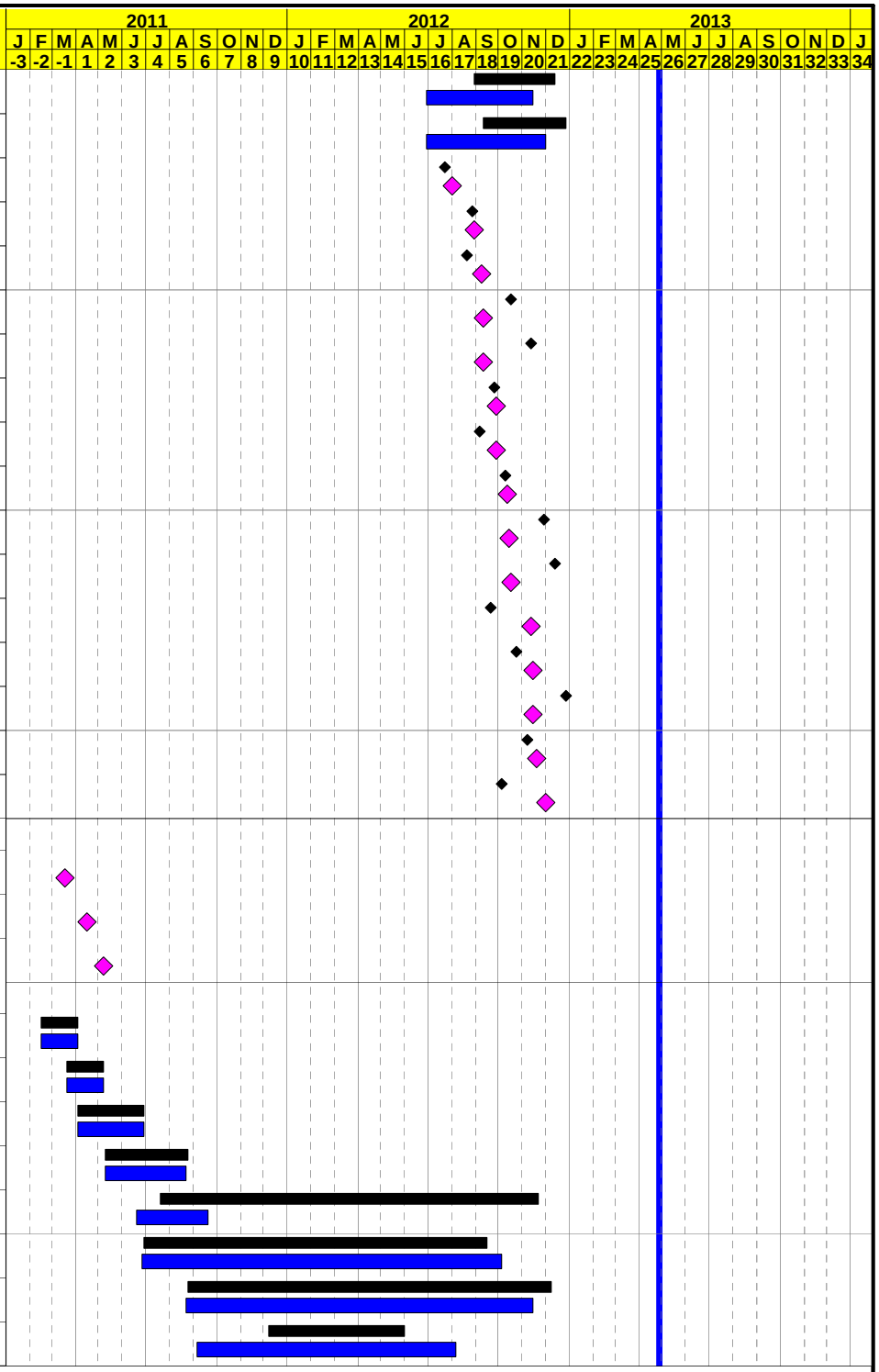
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1375	FAS Intercooler Unit 7, South Korea	0	0		26JUL12A
1376	RTS Air Filter Unit 7	0	0		26JUL12A
1363	FAS Generator Unit 6, Pizen	0	0		27JUL12A
1358	RTS Water Pump Skid Unit 5, Mexico City	0	0		03AUG12A
1354	RTS PCM Unit 5, Houston	0	0		06AUG12A
1373	FAS Generator Unit 7, Pizen	0	0		08AUG12A
1368	RTS Water Pump Skid Unit 6, Mexico City	0	0		10AUG12A
1351	RTS Balance of Equipment Unit 5, Houston	0	0		15AUG12A
1352	RTS Gas Turbine Package Unit 5, Houston	0	0		15AUG12A
1386	RTS Air Filter Unit 8	0	0		15AUG12A
1378	RTS Water Pump Skid Unit 7, Mexico City	0	0		21AUG12A
1379	FAS Intercooler Piping Unit 7, South Korea	0	0		21AUG12A
1385	FAS Intercooler Unit 8, South Korea	0	0		21AUG12A
1389	FAS Intercooler Piping Unit 8, South Korea	0	0		21AUG12A
1364	RTS PCM Unit 6, Houston	0	0		29AUG12A
1361	RTS Balance of Equipment Unit 6, Houston	0	0		31AUG12A
1362	RTS Gas Turbine Package Unit 6, Houston	0	0		31AUG12A
1388	RTS Water Pump Skid Unit 8, Mexico City	0	0		31AUG12A
1383	FAS Generator Unit 8, Pizen	0	0		04SEP12A
1374	RTS PCM Unit 7, Houston	0	0		27SEP12A
1384	RTS PCM Unit 8, Houston	0	0		04OCT12A
1371	RTS Balance of Equipment Unit 7, Houston	0	0		09OCT12A
1372	RTS Gas Turbine Package Unit 7, Houston	0	0		09OCT12A
1382	RTS Gas Turbine Package Unit 8, Houston	0	0		05DEC12A
1381	RTS Balance of Equipment Unit 8, Houston	0	0		07DEC12A
MOTT MACDONALD					
Engineering Design					
EN301000	Engineering LNTP	0	0	28JUL08A	
EN301030	Water Balance Design	66	0	28JUL08A	02OCT08A
EN301010	Electrical One Line Design	44	0	28JUL08A	21NOV08A



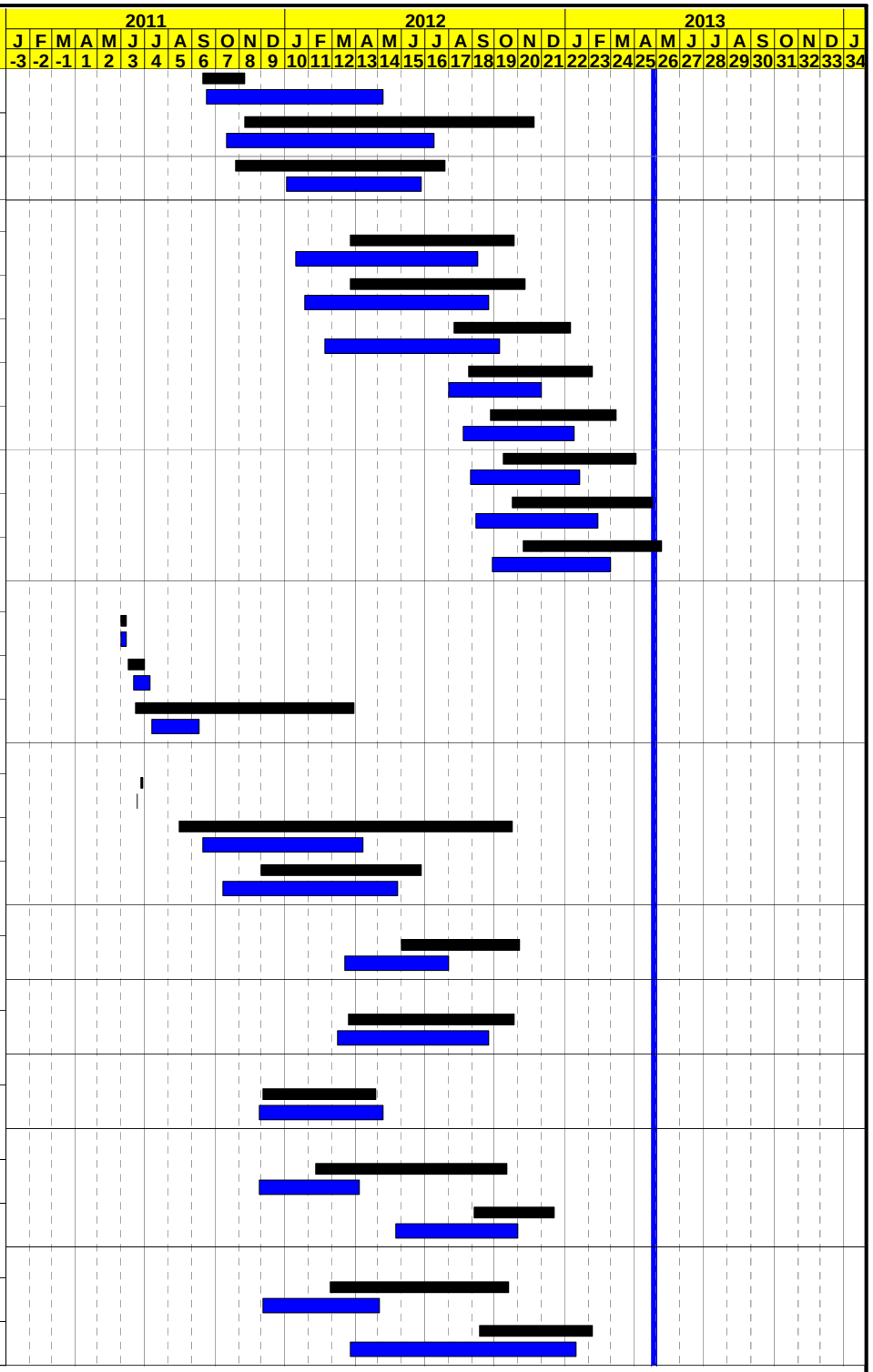
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
EN301031	P&ID Design	88	0	12AUG08A	04OCT08A
EN301001	Engineering Suspension Release (NTP)	0	0	14FEB11A	
MM Concrete Foundations Drawings					
EN301060	Foundation Design (GTG's & Ancillaries)	77*	0*	16MAY11A	02SEP11A
MM Mechanical Documents					
EN301080	Piping Under Ground Utilities Design	103*	0*	18MAY11A	13OCT11A
EN301100	Piping Above Grade Design	92*	0*	01NOV11A	16MAR12A
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	150*	0*	19SEP11A	24APR12A
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	115	0	07DEC11A	11MAR12A
1120	Start Ship - Complete Del GTG Unit 2 Package	173	0	22DEC11A	24MAY12A
1130	Start Ship - Complete Del GTG Unit 3 Package	195	0	27DEC11A	25MAY12A
1111	Receive GTG BOP Package Eq & Piping Unit 1	0	0		14JAN12A
1121	Receive GTG BOP Package Eq & Piping Unit 2	0	0		27JAN12A
1131	Receive GTG BOP Package Eq & Piping Unit 3	0	0		21FEB12A
1112	Receive GTG Unit 1	0	0		04MAR12A
1122	Receive GTG Unit 2	0	0		05MAR12A
1113	Receive Generator Unit 1	0	0		11MAR12A
1132	Receive GTG Unit 3	0	0		07APR12A
1133	Receive Generator Unit 3	0	0		22MAY12A
1140	Start Ship - Complete Del GTG Unit 4 Package	146	0	23MAY12A	09SEP12A
1150	Start Ship - Complete Del GTG Unit 5 Package	174	0	23MAY12A	26SEP12A
1160	Start Ship - Complete Del GTG Unit 6 Package	190	0	23MAY12A	14OCT12A
1123	Receive Generator Unit 2	0	0		24MAY12A



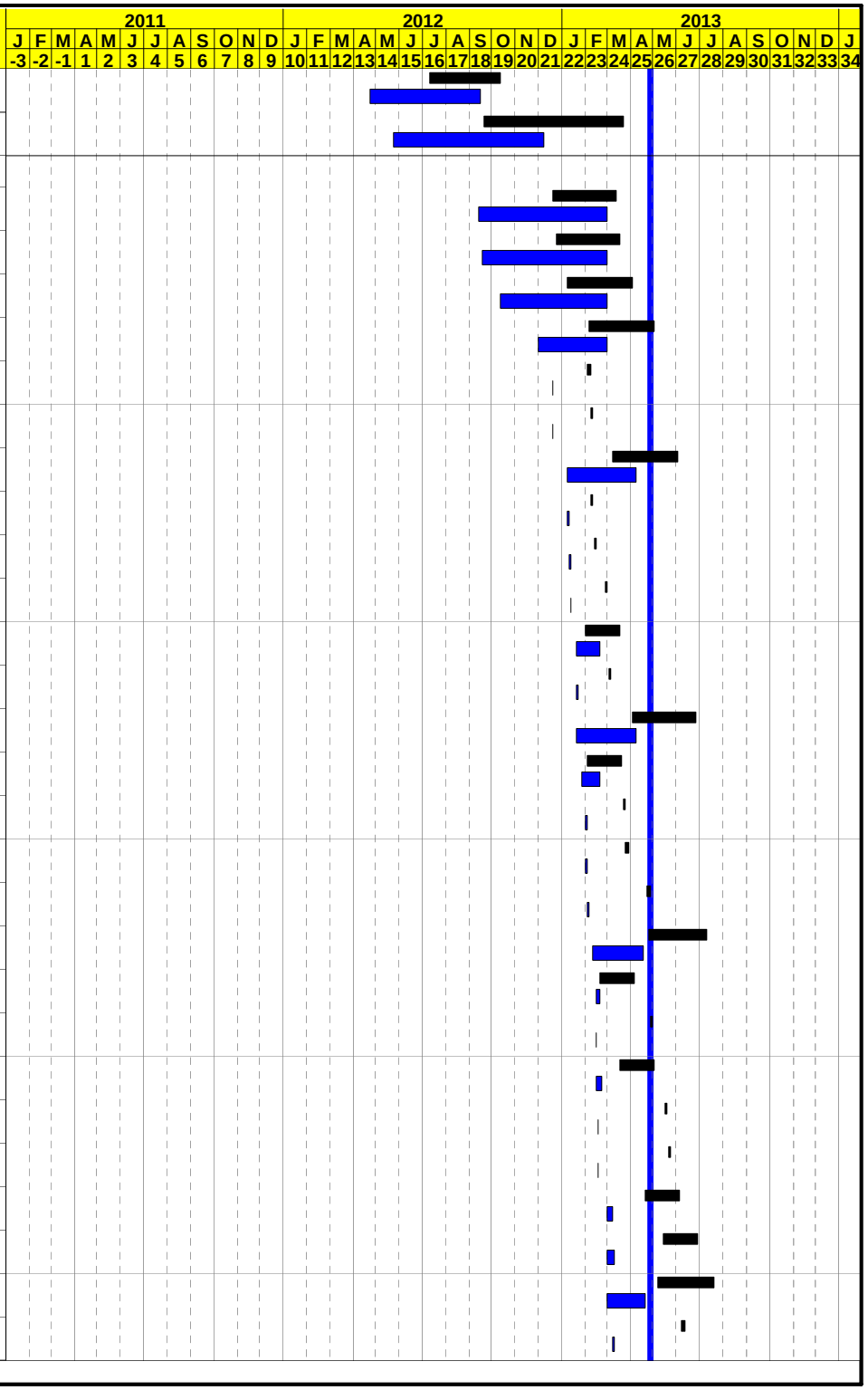
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
1170	Start Ship - Complete Del GTG Unit 7 Package	152	0	29JUN12A	13NOV12A
1180	Start Ship - Complete Del GTG Unit 8 Package	166	0	29JUN12A	29NOV12A
1142	Receive GTG Unit 4 on Trailer #1	0	0		31JUL12A
1141	Receive GTG BOP Package Eq & Piping Unit 4	0	0		29AUG12A
1152	Receive GTG Unit 5 on Trailer #2	0	0		07SEP12A
1143	Receive Generator Unit 4	0	0		09SEP12A
1153	Receive Generator Unit 5	0	0		10SEP12A
1151	Receive GTG BOP Package Eq & Piping Unit 5	0	0		26SEP12A
1162	Receive GTG Unit 6 on Trailer #3	0	0		27SEP12A
1161	Receive GTG BOP Package Eq & Piping Unit 6	0	0		10OCT12A
1163	Receive Generator Unit 6	0	0		14OCT12A
1173	Receive Generator Unit 7	0	0		16OCT12A
1172	Receive GTG Unit 7 on Trailer #1	0	0		11NOV12A
1171	Receive GTG BOP Package Eq & Piping Unit 7	0	0		13NOV12A
1183	Receive Generator Unit 8	0	0		14NOV12A
1181	Receive GTG BOP Package Eq & Piping Unit 8	0	0		19NOV12A
1182	Receive GTG Unit 8 on Trailer #2	0	0		29NOV12A
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	322*	0*	27JUN11A	04OCT12A
PR520000	Long Lead Transformers Fabrication	310*	0*	23AUG11A	14NOV12A
PR510050	BOP Mechanical Equipment Fabrication	231*	0*	06SEP11A	06AUG12A



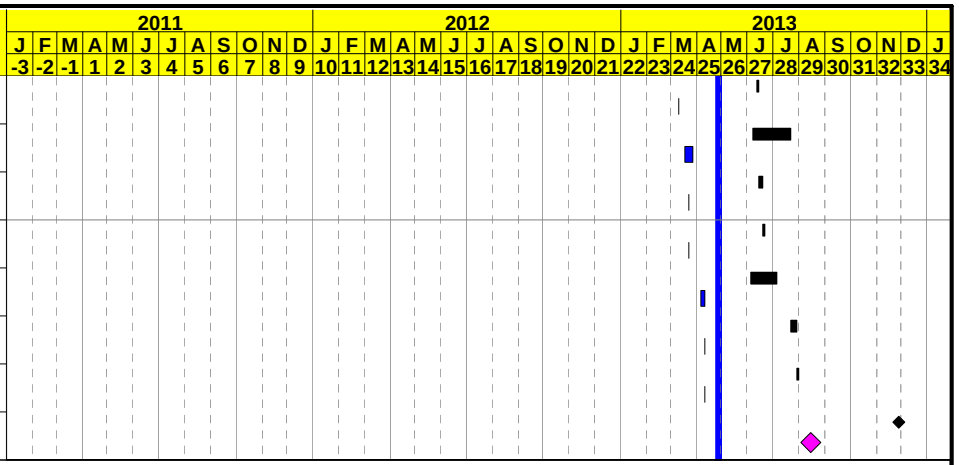
Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
PR331202	Switch Yard Vendor Engineering	158*	0*	20SEP11A	07MAY12A
PR331203	Switch Yard Fabrication	196	0	17OCT11A	12JUL12A
PR520010	BOP Electrical Equipment Fabrication	122*	0*	03JAN12A	25JUN12A
Unit Construction Overview					
CN313101	GTG & Ancl Unit 1 Erection Mech, Elect, & Piping	153*	0*	14JAN12A	08SEP12A
CN313102	GTG & Ancl Unit 2 Erection Mech, Elect, & Piping	153*	0*	27JAN12A	22SEP12A
CN313103	GTG & Ancl Unit 3 Erection Mech, Elect, & Piping	147*	0*	21FEB12A	06OCT12A
CN313104	GTG & Ancl Unit 4 Erection Mech, Elect, & Piping	77*	0*	01AUG12A	29NOV12A
CN313105	GTG & Ancl Unit 5 Erection Mech, Elect, & Piping	90*	0*	21AUG12A	12JAN13A
CN313106	GTG & Ancl Unit 6 Erection Mech, Elect, & Piping	88*	0*	31AUG12A	19JAN13A
CN313107	GTG & Ancl Unit 7 Erection Mech, Elect, & Piping	99*	0*	07SEP12A	11FEB13A
CN313108	GTG & Ancl Unit 8 Erection Mech, Elect, & Piping	98*	0*	27SEP12A	01MAR13A
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	132*	0*	15SEP11A	11APR12A
CN342090	Foundation Construction BOP	123*	0*	12OCT11A	25MAY12A
Buildings					
CN343500	Administration Building Erection	113	0	19MAR12A	31JUL12A
Mechanical					
CN313090	Mechanical Equipment Erection BOP	109*	0*	09MAR12A	21SEP12A
Tanks Field Erected					
CN325500	Field Erected Tanks Installation	93*	0*	28NOV11A	07MAY12A
Piping					
CN310100	Install Under Ground Mechanical Utilities	83*	0*	28NOV11A	05APR12A
CN311090	Piping Installation BOP	111*	0*	24MAY12A	30OCT12A
Electrical					
CN330100	Under Ground Electrical Utilities	105*	0*	02DEC11A	03MAY12A
CN331200	Switch Yard Erection	202*	0*	26MAR12A	14JAN13A



Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
CN330190	Electrical Equipment BOP	92*	0*	24APR12A	14SEP12A
CN331090	Electrical Conduit, Cable, Terms BOP	126*	0*	24MAY12A	06DEC12A
Start Up					
CN7101	Cold, Hot Commission & Performance Test Unit 1	141*	0*	13SEP12A	01MAR13A
CN7102	Cold, Hot Commission & Performance Test Unit 2	138*	0*	17SEP12A	01MAR13A
CN7103	Cold, Hot Commission & Performance Test Unit 3	116*	0*	12OCT12A	01MAR13A
CN7104	Cold, Hot Commission & Performance Test Unit 4	76*	0*	01DEC12A	01MAR13A
CN710109	First Fire & FSNL GTG Unit 1 Package	1	0	20DEC12A	20DEC12A
CN710119	First Fire & FSNL GTG Unit 2 Package	1	0	20DEC12A	20DEC12A
CN7105	Cold, Hot Commission & Performance Test Unit 5	79*	0*	07JAN13A	08APR13A
CN710111	Sync Generator, AVR, Loads GTG Unit 1 Package	1	0	09JAN13A	09JAN13A
CN710121	Sync Generator, AVR, Loads GTG Unit 2 Package	1	0	11JAN13A	11JAN13A
CN710129	First Fire & FSNL GTG Unit 3 Package	1	0	12JAN13A	12JAN13A
CN3701	Seller Excess Days Unit 1	34	0	19JAN13A	18FEB13A
CN710131	Sync Generator, AVR, Loads GTG Unit 3 Package	1	0	21JAN13A	21JAN13A
CN7106	Cold, Hot Commission & Performance Test Unit 6	67*	0*	21JAN13A	08APR13A
CN3702	Seller Excess Days Unit 2	35	0	26JAN13A	19FEB13A
CN710139	First Fire & FSNL GTG Unit 4 Package	1	0	02FEB13A	02FEB13A
CN710141	Sync Generator, AVR, Loads GTG Unit 4 Package	1	0	02FEB13A	02FEB13A
CN710149	First Fire & FSNL GTG Unit 5 Package	1	0	04FEB13A	04FEB13A
CN7107	Cold, Hot Commission & Performance Test Unit 7	57*	0*	11FEB13A	17APR13A
CN3703	Seller Excess Days Unit 3	16	0	14FEB13A	19FEB13A
CN710151	Sync Generator, AVR, Loads GTG Unit 5 Package	1	0	15FEB13A	15FEB13A
CN3704	Seller Excess Days Unit 4	8	0	16FEB13A	21FEB13A
CN710159	First Fire & FSNL GTG Unit 6 Package	1	0	17FEB13A	17FEB13A
CN710161	Sync Generator, AVR, Loads GTG Unit 6 Package	1	0	17FEB13A	17FEB13A
CN3705	Seller Excess Days Unit 5	10	0	01MAR13A	07MAR13A
CN3706	Seller Excess Days Unit 6	10	0	01MAR13A	10MAR13A
CN7108	Cold, Hot Commission & Performance Test Unit 8	43*	0*	01MAR13A	19APR13A
CN710169	First Fire & FSNL GTG Unit 7 Package	1	0	09MAR13A	09MAR13A



Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish
CN710171	Sync Generator, AVR, Loads GTG Unit 7 Package	1	0	10MAR13A	10MAR13A
CN3707	Seller Excess Days Unit 7	8	0	19MAR13A	27MAR13A
CN710179	First Fire & FSNL GTG Unit 8 Package	1	0	23MAR13A	23MAR13A
CN710181	Sync Generator, AVR, Loads GTG Unit 8 Package	1	0	23MAR13A	23MAR13A
CN3708	Seller Excess Days Unit 8	7	0	05APR13A	09APR13A
CN710290	Facility Auxiliary Load Test	1	0	10APR13A	11APR13A
CN710291	All 8 Units 24-Hour Reliability Test	1	0	10APR13A	11APR13A
CN2812	Final Completion	0	0		13AUG13



APPENDIX A
Key Events List &
CEC Compliance Matrix

KEY EVENT LIST

PROJECT: CPV Sentinel Energy Project **DATE ENTERED:** 5/20/2013
DOCKET #: 07-AFC-3C
Compliance PROJECT MANAGER: Craig Hoffman

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	Jan 2012
Completion of Installation of Major Equipment	Jan 2013
First Combustion of Gas Turbine	Dec 2012
Obtain Building Occupation Permit	Aug 2012
Start Commercial Operation	Aug 2013
Complete All Construction	May 2013
Transmission Line Activities	
Start T/L Construction	May 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	Oct 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-1	OPS	The project owner shall limit the emissions from each gas fired combustion turbine train exhaust stack.	The project owner shall submit all emission calculations, fuel use, CEM records and a summary demonstrating compliance of all emission limits stated in this Condition for approval to the CPM on a quarterly basis in the quarterly emissions report.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly				On-going
AQ-10	OPS	The project owner shall keep records in a manner approved by the SCAQMD.	The project owner shall submit to the CPM for approval all fuel usage records on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly				On-going
AQ-11	OPS	The owner/operator shall calculate and continuously record the ammonia (NH3) slip emission concentration from each exhaust stack for each gas turbine.	The project owner shall include ammonia slip concentrations averaged on an hourly basis as part of the Quarterly Operational Report required in Condition of Certification AQ-SC9 and calculated via the protocol provided in this condition. Exceedances of the ammonia limit shall be reported in the following quarterly report.	Reporting no later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly				On-going
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.	10/08/12	10/7/2012	10/15/2012	4/22/2013	Complete
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. 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.	10/08/12	10/7/2012	10/15/2012	4/22/2013	Complete
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 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.	10/08/12	10/7/2012	10/15/2012	4/22/2013	Complete

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-15	CON/OPS	The project owner shall limit the operating time of the firewater pump to no more than 199.99 hours per year. The firewater pump shall be equipped with a non-resettable elapsed meter to accurately indicate the elapsed operating time of the engine. The firewater pump shall be equipped with a nonresettable totalizing fuel meter to accurately indicate the fuel usage of the engine. The firewater pump shall burn only diesel fuel that contains sulfur compounds less than or equal to 15 ppm by weight. An engine operating log shall be kept in writing, listing the date of operation, the elapsed time, in hours, and the reason for operation. The log shall be maintained for a minimum of 5 years and made available to SCAQMD personnel and CPM upon request. The project owner shall keep records in a manner approved by the Executive Officer; consisting of emergency use hours of operation, maintenance and testing hours, other operating hours (describe the reason for operation).	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 devices have been installed and are functioning properly. The project owner shall submit all dates of operation, elapsed time in hours, and the reason for each operation in the Quarterly Operations Report (AQSC9).	PE statement no less than 30 days after installation; Reporting no later than 30 days following the end of each calendar quarter per AQ-SC9.	Quarterly	4/22/2013	4/25/2013	4/23/2013	On-going
AQ-16	OPS	The project equipment shall not be operated unless the project owner demonstrates to the SCAQMD Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the project owner demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emission increase. The project owner shall submit all such information to the CPM for approval.	The project owner shall submit evidence of sufficient RTCs to the CPM demonstrating compliance on an annual basis as part of the annual compliance report.	Annually	Annually	1/2/2013			On-going
AQ-2	OPS	The project owner/operator shall not produce emissions of oxides of nitrogen from the facility, including the firewater pump and all eight gas turbines combined, that exceed the RECLAIM Trading Credits holdings required in Condition of Certification AQ-16 within a calendar year.	The project owner/operator shall submit to the CPM no later than 60 days following the end of each calendar year, the SCAQMD required (via Rule 2004) Quarterly Certification of Emissions (or equivalent) for each quarter and the Annual Permit Emissions Program report (or equivalent) as prescribed by the SCAQMD Executive Officer.	No later than 60 days following the end of each calendar year	03/01/14	2/13/2013	2/22/2013	2/13/2013	On-going
AQ-4	OPS	Each combustion turbine stack shall have the following emission limitations. • 2.5 PPM NOx emission averaged over 60 minutes at 15 percent oxygen, dry basis. • 4.0 ppm CO emission averaged over 60 minutes at 15 percent oxygen, dry basis. • 2.0 ppm VOC emission averaged over 60 minutes at 15 percent oxygen, dry basis. • 5.0 ppm NH3 emission averaged over 60 minutes at 15 percent oxygen, dry basis.	The project owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly				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-5	OPS	The project owner may at no time purposefully exceed either the mass or concentration emission limits set forth in Conditions of Certification AQ-1, -2, -3 or -4.	The project owner shall submit to the CPM for approval all emissions and emission calculations on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly				On-going
AQ-6	OPS	The project owner shall limit the fuel usage during a commissioning period from each turbine to no more than 301 mmscf of pipeline quality natural gas per month. After the completion of commissioning, units 1 through 8 shall limit the fuel usage from each turbine to no more than 425 mmcf in any one commissioning calendar month and 2,455 mmcf in any one noncommissioning year. The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition. The operator shall install and maintain a fuel flow meter and recorder to accurately indicate and record the fuel usage being supplied to each turbine. The natural gas shall not exceed H2S concentrations of more than 0.25 gr/100scf on an annual average of the monthly samples of gas composition or gas supplier documentation. The natural gas fuel sample shall be tested using District Method 307-91 for total sulfur calculated as H2S.	The project owner shall submit to the CPM for approval all fuel usage records on a quarterly basis as part of the quarterly emissions report of Condition of Certification AQ-SC9.	No later than 30 days following the end of each calendar quarter per AQ-SC9	Quarterly				On-going
AQ-9	COMM	The project owner shall install and maintain a CEMS in each exhaust stack of the combustion turbine trains.	Within 30 days of certification, the project owner shall notify the CPM of the completion of the certification process for the CEMS.	Within 30 days of certification	03/01/13	2/26/2013	3/1/2013	5/1/2013	Complete
AQ-SC10	OPS	The project owner shall perform quarterly cooling tower recirculating water quality testing, or shall provide for continuous monitoring of conductivity as an indicator, for total dissolved solids content.	The project owner shall submit to the CPM cooling tower recirculating water quality tests or a summary of continuous monitoring results and daily recirculating water flow in the Quarterly Operation Report (AQ-SC9). If the project owner uses continuous monitoring of conductivity as an indicator for total dissolved solids content, the project owner shall submit data supporting the calibration of the conductivity meter and the correlation with total dissolved solids content at least once each year in a Quarterly Operation Report (AQ-SC9).	No later than 30 days following the end of each calendar quarter.	Quarterly				On-going
AQ-SC11	OPS	The cooling towers daily PM10 emissions shall be limited to 18.82 lb/day in total for all eight cooling tower cells. The cooling towers shall be equipped with a drift eliminator to control the drift fraction to 0.0005 percent of the circulating water flow. The project owner shall estimate daily PM10 emissions from the cooling towers using the water quality testing data or continuous monitoring data and daily circulating water flow data collected on a quarterly basis.	The project owner shall submit to the CPM daily cooling tower PM10 emission estimates in the Quarterly Operation Report (AQ-SC9).	No later than 30 days following the end of each calendar quarter.	Quarterly				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-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			5/31/2013	Complete
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			5/31/2013	Complete
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			5/31/2013	Complete
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. 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
AQ-SC9	OPS	The project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter, that include operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein. The Quarterly Operation Report will specifically note or highlight incidences of noncompliance.	The project owner shall submit the Quarterly Operation Reports to the CPM and APCO no later than 30 days following the end of each calendar quarter.	No later than 30 days following the end of each calendar quarter.	Quarterly	4/25/2013			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
BIO-1.2	CON/OPS	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
BIO-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. 1. Advise the project owner's Construction and Operation Managers on the implementation of the biological resources Conditions of Certification; 2. Consult on the preparation of the Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP), to be submitted by the project owner 3. Be available to supervise, conduct and coordinate mitigation, monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources, such as special status species or their habitat; 4. Clearly mark sensitive biological resource areas, if present and inspect these areas at appropriate intervals for compliance with regulatory terms and conditions;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; 6. Notify the project owner and the CPM of any non-compliance with any biological resources Condition of Certification;7. Respond directly to inquiries of the CPM regarding biological resource issues;8. Maintain written records of the tasks specified above and those included in the BRMIMP.	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			5/31/2013	Complete
BIO-4	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: 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; 2. Inform the project owner and the Construction/Operation Manager when to resume activities; 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			5/31/2013	Complete

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
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			5/31/2013	Complete
BIO-7.1	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: 1. Design, install and maintain gas transmission lines, potable water lines,, access roads, and storage and parking areas to avoid identified sensitive resources;	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	6/6/2013	6/21/2013		Awaiting Approval
BIO-7.2	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: 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 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	6/6/2013	6/21/2013		Awaiting Approval

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
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	6/6/2013	6/21/2013		Awaiting Approval
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	6/6/2013	6/21/2013		Awaiting Approval
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			5/31/2013	Complete
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			5/31/2013	Complete
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	07/01/13	6/6/2013	6/21/2013		Awaiting Approval

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
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	6/6/2013	6/21/2013		Awaiting Approval
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	6/6/2013	6/21/2013		Awaiting Approval
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	6/6/2013	6/21/2013		Awaiting Approval
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	6/6/2013	6/21/2013		Awaiting Approval
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: 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	6/6/2013	6/21/2013		Awaiting Approval

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
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: 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	6/6/2013	6/21/2013		Awaiting Approval
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: 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	6/6/2013	6/21/2013		Awaiting Approval
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: 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	6/6/2013	6/21/2013		Awaiting Approval
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				Complete
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 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 work	04/30/13			5/6/2013	Complete

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
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
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				TBD

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
COMPLIANCE-12	OPS	In order to ensure that public health and safety and the environment are protected in the event of an unplanned temporary facility closure, it is essential to have an on-site contingency plan in place. The on-site contingency plan will help to ensure that all necessary steps to mitigate public health and safety impacts and environmental impacts are taken in a timely manner. The project owner shall submit an on-site contingency plan for CPM review and approval. The plan shall be submitted no less than 60 days (or other time agreed to by the CPM) prior to commencement of commercial operation. The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times. The project owner, in consultation with the CPM, will update the on-site contingency plan as necessary. The CPM may require revisions to the on-site contingency plan over the life of the project. In the annual compliance reports submitted to the Energy Commission, the project owner will review the on-site contingency plan, and recommend changes to bring the plan up to date. Any changes to the plan must be approved by the CPM. In the event of an unplanned temporary facility closure, it is essential to have an on-site contingency plan in place. The on-site contingency plan will help to ensure that all necessary steps to mitigate public health and safety impacts and environmental impacts are taken in a timely manner. The project owner shall submit an on-site contingency plan for CPM review and approval. The approved plan must be in place prior to commercial operation of the facility and shall be kept at the site at all times.	To ensure that public health and safety and the environment are protected in the event of an unplanned temporary 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	5/13/2013	5/20/2013	5/13/2013	Complete
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	5/13/2013	5/20/2013	5/13/2013	Complete

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
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/Annually	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-7	OPS	After construction is complete, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports. The reports are for each year of commercial operation and are due to the CPM each year at a date agreed to by the CPM. Annual. Each Annual Compliance Report shall include the AFC number, identify the reporting period and shall contain the required information.	After construction ends and throughout the life of the project, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports.	Annual	Annually				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
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
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-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	02/15/13	2/14/2013	3/1/2013	4/8/2013	Complete

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
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	04/18/13	4/15/2013	4/22/2013	4/22/2013	Complete
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			5/31/2013	Complete
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	5/6/2013	Complete

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
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	As Required				As Required
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		5/31/2013	Complete
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			5/31/2013	Complete
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			4/25/2013	Complete
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	09/01/13			4/25/2013	Complete
HAZ-1	OPS	The project owner shall not use any hazardous materials not listed in Appendix A, or in greater quantities or strengths than those identified by chemical name in Appendix B, unless approved in advance by the CPM.	The project owner shall provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	Annual	Annually				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
HAZ-2	COMM	The project owner shall concurrently provide a Business Plan and a Risk Management Plan (RMP) prepared pursuant to the California Accidental Release Program (CalARP) to the Riverside County Department of Environmental Health and the CPM for review. After receiving comments from the Riverside County and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Business Plan and RMP shall then be provided to the Riverside County Department of Environmental Health for review and to the CPM for approval.	The project owner shall provide a copy of a final Business Plan to the CPM for approval. At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations	11/21/12	11/21/2012	12/7/2012	5/23/2013	Complete
HAZ-3	CON	The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	The project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	At least 30 days prior to the delivery of any liquid hazardous material to the facility	11/21/12	11/21/2012	12/7/2012.	5/14/2013	Complete
HAZ-9.2	OPS	The project owner shall fully implement the security plans and obtain CPM approval of any substantive modifications to this security plan.	In the Annual Compliance Report, the project owner shall include a statement that all current project employee and appropriate contractor background investigations have been performed and that updated certification statements have been appended to the operations security plan. In the Annual Compliance Report, the project owner shall include a statement that the Operations Security Plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	Annual	Annually				Not Started
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			5/6/2013	Complete

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
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			5/6/2013	Complete
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	TBD			3/5/2013	Complete
NOISE-2	CON/OPS	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. • Use the Noise Complaint Resolution Form (below), or a functionally equivalent procedure acceptable to the CPM, to document and respond to each noise complaint; • Attempt to contact the person(s) making the noise complaint within 24 hours; • Conduct an investigation to determine the source of noise related to the complaint; • Take all feasible measures to reduce the noise at its source if the noise is project related;• 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

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
NOISE-4.1	CON	The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that operation of the project will not cause noise levels due solely to plant operation to exceed an average of 56 dBA Leq measured at monitoring location LT-1. No new pure-tone components may be caused by the project. No single piece of equipment shall be allowed to stand out as a source of noise that draws legitimate complaints. A. When each phase of the project first achieves a sustained output of 90 percent or greater of rated capacity, the project owner shall conduct a community noise survey at monitoring location LT-1 or at closer locations acceptable to the CPM. This survey shall be performed during power plant operation and shall also include measurement of one-third octave band sound pressure levels to determine whether new pure-tone noise components have been caused by the project.	Each survey shall take place within 30 days of each phase of the project first achieving a sustained output of 90 percent or greater of rated capacity.	Within 30 days of each phase of the project	05/30/13	4/17/2013	4/19/2013	5/1/2013	Complete
NOISE-4.2	CON	B. If the results from either noise survey indicate that the power plant average noise level (Leq) at LT-1 exceeds the above value, mitigation measures shall be implemented to reduce noise to a level of compliance with this limit.	The project owner shall submit a summary report of the survey to the CPM. Included in each survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit and a schedule, subject to CPM approval, for implementing these measures. When these measures are in place, the project owner shall repeat the noise survey.	Within 15 days after completing each survey	05/30/13	4/17/2013	4/19/2013	5/1/2013	Complete
NOISE-4.3	CON	C. If the results from either noise survey indicate that pure tones are present, mitigation measures shall be implemented to eliminate the pure tones.	The project owner shall submit to the CPM a summary report of the new noise survey, performed as described above and showing compliance with this condition.	Within 15 days of completion of the new survey	05/30/13	4/17/2013	4/19/2013	5/1/2013	Complete
NOISE-5	CON/OPS	Following each phase of the project first achieving a sustained output of 90 percent or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, sections 5095–5099 and Title 29, Code of Federal Regulations, section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. The project owner shall prepare a report of the survey results and, if necessary, identify proposed mitigation measures that will be employed to comply with the applicable California and federal regulations.	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal/OSHA upon request.	Within 30 days after completing each survey	05/30/13	4/26/2013	5/1/2013	5/7/2013	Complete

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
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			5/31/2013	Complete
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				Complete
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			5/31/2013	Complete

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
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. For clarification purposes of the condition, item a) in subcondition 3 references subcondition 1 and item b) in subcondition 3 references subcondition 2	Within 60 days of that approval of recharge of other water by the CPM	As Required				As Required
SOIL&WATER 10.2	OPS	The project owner shall ensure that its recharge of groundwater complies with the following: 2. Water purchased by the project owner for recharge shall be in addition to State Water Project (SWP) supplies acquired by DWA under its entitlements as a State Water Project contractor (including DWA's Table A allocation and any surplus SWP purchases) for its groundwater replenishment program	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 betwclarification purposes of the condition, item a) in subcondition 3 references subcondition 1 and item b) in subcondition 3 references subcondition 2	Within 60 days of that approval of recharge of other water by the CPM	As Required				As Required
SOIL&WATER 10.3	OPS	The project owner shall ensure that its recharge of groundwater complies with the following: 3. The initial water used for recharge shall be the 8,350 acre-feet of Exchanged North Kern water (hereafter referred to as North Kern water) water secured from North Kern Water Storage District pursuant to the Water Supply Agreement between CPV Sentinel and DWA, dated August 19, 2008. Recharge of additional water must comply with subdivisions a) and b) of this condition and must be approved pursuant to SOIL&WATER-11	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. For clarification purposes of the condition, item a) in subcondition 3 references subcondition 1 and item b) in subcondition 3 references subcondition 2	Within 60 days of that approval of recharge of other water by the CPM	As Required				As Required
SOIL&WATER 10.4	OPS	The project owner shall ensure that its recharge of groundwater complies with the following: 4. The applicant shall provide to the CPM an annual accounting of cumulative water recharged on a monthly basis throughout the operating life of the project as part of the Annual Compliance Report, and in coordination with the annual reporting requirements in SOIL&WATER-16.	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. For clarification purposes of the condition, item a) in subcondition 3 references subcondition 1 and item b) in subcondition 3 references subcondition 2	Within 60 days of that approval of recharge of other water by the CPM	As Required				As Required
SOIL&WATER 11.2	OPS	2. Any Water Supply Plan submitted pursuant to this Condition shall include the following: A. Identification of the water source; B. Demonstration of the project owner's legal entitlement to the water; C. Demonstration of CEQA compliance; and D. An estimated schedule for delivery to the DWA's Mission Creek Spreading Grounds, including applicable agreements with water supply, transfer and conveyance entities.	The project owner shall submit a Water Supply Plan that meets the requirements of this condition.		As Required	6/26/2012			As Required
SOIL&WATER 11.3	OPS	3. The project shall not utilize water other than North Kern water unless the CPM has approved the Water Supply Plan submitted pursuant to this Condition.	The project owner shall submit a Water Supply Plan that meets the requirements of this condition.		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
SOIL&WATER 12	CON	The project owner shall treat all process wastewater streams with a Zero Liquid Discharge (ZLD) system that results in a residual solid waste. The solid waste shall be disposed of in the appropriate class of landfill suitable for the constituent concentrations in the waste. Surface or subsurface disposal of process wastewater from the CPV Sentinel is prohibited. The project owner shall operate the ZLD system in accordance with a ZLD management plan approved by the CPM. The ZLD management plan shall include the following elements: 1. A flow diagram showing all water sources and wastewater disposal methods at the power plant; 2. A narrative of expected operation and maintenance of the ZLD system; 3. A narrative of the redundant or back-up wastewater disposal method to be implemented during periods of ZLD system shutdown or maintenance; 4. A maintenance schedule; 5. A description of on-site storage facilities and containment measures; 6. A table identifying influent water quality; 7. A table characterizing the constituent concentrations of the solid waste or brine and specifying the permit limits of the selected landfill. The CPV Sentinel operation and wastewater production shall not exceed the treatment capacity of the ZLD system or result in an industrial wastewater discharge.	At least 60 days prior to the start of commercial operation, the project owner shall submit to the CPM evidence that the final design of the ZLD system has the approval of the Chief Building Officer. At least 60 days prior to the start of commercial operation, the project owner shall prepare a ZLD management plan for review and approval by the CPM. The ZLD management plan shall be updated by the project owner and submitted to the CPM for review and approval if a change in water source or infrastructure is needed. In the annual compliance report, the project owner shall submit a status report on operation of the ZLD system, including dates and length of disruptions, maintenance activities performed, volumes of interim wastewater streams stored on site, monthly volumes of residual salt cake or brine generated, and results of at least one annual sampling of the waste solids or brine comparing the constituent concentrations to the permit limits of the landfill. The annual compliance report shall contain an evaluation of whether the ZLD is being operated within the parameters described in the ZLD management plan. The ZLD management plan shall be updated by the project owner if the CPM has determined it is necessary based on the project owner's Annual Compliance Report.	At least 60 days prior to the start of commercial operation and Annually	06/01/13				In Progress
SOIL&WATER 14.3	OPS	3. The project owner shall, in each calendar year following the start of commercial operation, ensure that the maximum available supply of DWA's recycled water that can be beneficially used by PSNGC will be delivered and used by PSNGC.	See SOIL&WATER 14.1	No later than 60 days prior to the start of conversion project operation	Annually				On-going
SOIL&WATER 14.4	OPS	4. The project owner shall obtain records from DWA showing the volume of recycled water used and report, in acre-feet, the monthly and annual water use in the Annual Compliance Report. If any groundwater is used for irrigation of PSNGC, the project owner shall also obtain records showing the monthly and annual totals in acre-feet in the Annual Compliance Report and provide an explanation of why irrigation with groundwater was necessary.	See SOIL&WATER 14.1	No later than 60 days prior to the start of conversion project operation	Annually				On-going
SOIL&WATER 14.5	OPS	5. In the event the PSNGC no longer requires recycled water service, the project owner shall notify the CPM within 10 days and shall comply with the requirements of SOIL&WATER-16.	See SOIL&WATER 14.1	No later than 60 days prior to the start of conversion project operation	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
SOIL&WATER 15.1	CON	In accordance with the WSP, the project owner will fund installation by DWA of irrigation controllers in existing residences and businesses in DWA's service area to achieve fresh water conservation consistent with the WSP. The project owner shall: 1. Contribute funding sufficient for DWA's installation of 4,800 irrigation controllers in its services area at existing businesses or residences to conserve an estimated 480 to 706 acre-feet of groundwater per year	The project owner shall do all of the following 1. No later than one year after funding implementation of the irrigation controller program the project owner shall develop and submit to the CPM for approval a methodology and outline for a report to evaluate the effectiveness of the irrigation controller program and estimate the water savings in the Upper Coachella Valley Groundwater Basin. The methodology shall address how to account for the number of controllers that remain in use over time as well as the amount of savings per controller installed. 2. Each year after initiating the irrigation controller program, and annually thereafter, for the life of the project, the project owner shall analyze the effectiveness of the irrigation controller program using the approved methods and report on the total water conservation achieved. The report should be included in the Annual Compliance Report for approval by the CPM. 3. Submit to the CPM, as part of the Annual Compliance Report documentation, the following: • The annual invoice paid to the DWA, in accordance with the Water Conservation Funding Agreement dated July 15, 2008. This shall include proof of invoice payment to the DWA; • The estimated total and average water conservation achieved based on the number of controllers; and • The accounting of the project owner's contributions to DWA's Irrigation controller Program over the life of the program. Calculations shall be on a calendar year basis.	No later than one year after funding implementation of the irrigation controller program; Annually	07/01/13				In Progress
SOIL&WATER 15.2	OPS	2. Cause DWA to complete an evaluation of the effectiveness of the irrigation controller program using methods similar to those used by CVWD in their Final Report dated June 21, 2007 or other methods to be approved by the CPM.	See SOIL&WATER 15.1	No later than one year after funding implementation of the irrigation controller program; Annually	4/30/2013 and Annually				
SOIL&WATER 16.1	OPS	The project owner shall perform the following: 1. Provide annual reporting to assess whether the fresh water conservation benefits achieved by implementation of SOIL&WATER-14 and SOIL&WATER-15 have met the following requirements: A. Achieve 1,000 AFY in fresh water conservation benefits by the end of the first full calendar year following the project commercial operation date, increasing by 100 AFY annually over the subsequent 5 years to 1,500 AFY by the end of the 6th full calendar year following the commercial operation date. B. Achieve minimum cumulative water conservation benefits of 1,500 AFY for each year following the 6th full calendar year following the commercial operation date for the life of the project.	For each year following the commercial operation date, the project owner shall provide an Annual Compliance Report, an accounting of fresh water conservation benefits for the previous calendar year, and a summary of annual fresh water conservation quantities since inception. If the water conservation benefits are not in conformance with the fresh water performance measures included in this Condition, the project owner shall submit: 1. A revised Water Conservation Plan within 6 months of the annual report; 2. Obtain CPM approval of the revised plan; and 3. Implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1. A and B of this Condition.	within 6 months of the annual report	Annually				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
SOIL&WATER 16.2	OPS	2. If the fresh water conservation benefits of the water supply conversion of the PSNGC and the irrigation program projects identified in 1. A and B above cannot be sustained for any reason, the project owner shall submit a revised Water Conservation Plan within 6 months of the annual report, obtain CPM approval of the revised plan, and implement additional fresh water conservation projects on the schedule identified in the approved plan that will achieve fresh water conservation that will include the makeup of any deficits in meeting the water conservation requirements of 1. A and B of this condition.	See SOIL&WATER 16.2	within 6 months of the annual report	09/01/14				As Required
SOIL&WATER-2.3	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 30 days prior to project operation, the project owner will facilitate inspections and provide documentation to the County of Riverside and CPM demonstrating that all necessary grading and flooding improvements have been completed and are operational. The submittal must be reviewed by the County of Riverside and approved by the CPM.	No later than 30 days prior to project operation	05/01/13			5/6/2013	Complete

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
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: 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. 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. 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	07/21/12	6/26/2012	7/7/2012	6/29/2012	Open

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
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: 1. Submit copies to the CPM of any proposed well construction or operation changes. 2. Submit copies of any water well monitoring reports required by the County of Riverside to the CPM in the annual compliance report. 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	Annually				On-going
SOIL&WATER-4.1	CON	The project owner shall comply with the requirements of the general NPDES permit for discharges of storm water associated with industrial activity. The project owner shall develop, obtain CPM approval of, and implement an industrial SWPPP for the operation of the project.	At least 60 days prior to commercial operation, the project owner shall submit to the CPM a copy of the industrial SWPPP for operation of the project for review and approval prior to commercial operation. The project owner shall retain a copy on site.	At least 60 days prior to commercial operation	04/30/13	4/29/2013	5/8/2013	5/3/2013	Complete
SOIL&WATER-4.2	CON	The project owner shall comply with the requirements of the general NPDES permit for discharges of stormwater associated with industrial activity. The project owner shall develop and implement an industrial SWPPP for the operation of CPV Sentinel.	The project owner shall submit copies to the CPM of all correspondence between the project owner and the RWQCB regarding the general NPDES permit for discharge of storm water associated with industrial activity within 10 days of its receipt or submittal. Copies of correspondence shall include the Notice of Intent sent by the project owner to the SWRCB.	Within 10 days of its receipt or submittal	4/30/13 and As Required	4/29/2013	5/8/2013	5/3/2013	Complete

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
SOIL&WATER-5	CON	The project owner shall use potable water supplied by one of the following: (1) Mission Springs Water District (MSWD); or (2) onsite wells. The annual use of potable water shall not exceed 2-acre-feet per year. If MSWD or onsite wells are the source of potable water, the project owner shall monitor and record in gallons per day the total volume of potable water supplied to the CPV Sentinel Project. Prior to the use of potable water for commercial operation, the project owner shall either install and maintain metering devices as part of the water supply and distribution system or verify that the water supplier will provide metering allowing the project owner to document project water use as required. The metering devices shall be operational for the life of the project. Beginning with the commencement of commercial operation, the project owner shall prepare an annual summary of amount of water used for potable purposes. The summary shall include the monthly range and monthly average of daily water usage in cubic feet per month, and total water used on a monthly and annual basis in acre-feet. For years subsequent to the initial year of operation, the annual summary will also include the yearly range and yearly average water use. For calculating the total water use, the beginning of the one-year term will correspond to the date established for the annual compliance report submittal.	At least 60 days prior to commercial operation of CPV Sentinel project, the project owner shall submit to the CPM a copy of the water supply agreement, if applicable, and evidence that metering devices have been installed and are operational. Potable water use reporting may be based on metering from the supplier.	At least 60 days prior to commercial operation, submit copy of the water supply agreement. Annually, submit summary of amount of water used for potable purposes	4/1/2013 and Annually	3/6/2013	3/15/2013	3/18/2013	Open
SOIL&WATER-8	CON/OPS	The CPV Sentinel Project shall use groundwater produced by the on-site wells identified in SOIL&WATER-3 for all non-potable plant construction and process uses during operation including cooling and landscape irrigation.a. Prior to the use of groundwater for commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to document project process water use as required to monitor and record in hundreds of cubic feet per month the total volume(s) of water supplied to the CPV Sentinel Project from this water source. The metering devices shall be operational for the life of the project. Each well to be constructed will be metered separately or provisions will be made to ensure water use from each well can be identified and documented. b. The amount of groundwater that can be used for project process needs shall be limited as follows: 1. No more than 1,100 acre-feet may be consumed in any calendar year; and 2. In any given month, the amount of water that may be consumed is the total amount of water that has been recharged (pursuant to SOIL&WATER-10) 16 months or more prior to that month, minus the cumulative amount of water previously pumped for project process needs since the commercial operation date. c. The project owner shall submit to the CPM an annual summary of daily groundwater use for project process needs, including monthly subtotals and an accumulation of all project groundwater use since the commercial operation date, and the accumulation of groundwater recharged in accordance with SOIL&WATER-10.	The project owner shall prepare an annual summary, which will include identification of the well or wells used, daily groundwater usage in gallons per day, maximum and minimum daily usage in for each month, and annually, and total volume of groundwater used on a monthly and annual basis in acre-feet. For years subsequent to the initial year of operation, the annual summary will also include the yearly maximum and minimum and yearly average water use by source. Calculations shall be performed on a calendar year basis. At least sixty (60) days prior to commercial operation of the CPV Sentinel project, the project owner shall submit to the CPM evidence that metering devices have been installed and are operational for process water supply and distribution.	Annual - summary. At least sixty (60) days prior to commercial operation	4/30/2013 and Annually	4/26/2013	5/1/2013	5/3/2013	On-going (Annual Report)

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
TLSN-2	OPS	The project owner shall ensure that every reasonable effort is made to identify and correct, on a case-specific basis, any complaints of interference with radio or television signals from operation of the project-related lines and associated switchyards. The project owner shall maintain written records for a period of five years, of all complaints of radio or television interference attributable to line operation together with the corrective action taken in response to each complaint.	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.	Annual	Annually				Not Started
TLSN-3.2	OPS	The project owner shall use an individual experienced in measuring EMF according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/EEE) standard procedures to measure the strengths of the electric and magnetic fields from the line at the points of maximum intensity for which intensity estimates were provided by the project owner. The measurements shall be made before and after energization according to the American National Standard Institute/Institute of Electrical and Electronic Engineers (ANSI/IEEE) standard procedures. These measurements shall be completed not later than six months after the start of operations.	The project owner shall file copies of the post-energization measurements with the CPM. These measurements shall be completed not later than six months after the start of operations.	Within 60 days after completion of the measurements.	08/01/13				In Progress
TLSN-4	OPS	The project owner shall ensure that the rights-of-way of the proposed transmission line are kept free of combustible material.	During the first five years of plant operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of-way and provide such summaries in the Annual Compliance Report.	Annual	Annually				On-going
TLSN-5	CON	The project owner shall ensure that all permanent metallic objects within the right-of-way of the project-related lines are grounded according to industry standards regardless of ownership. In the event of refusal by any property owner to permit such grounding, the project owner shall so notify the CPM. Such notification shall include, when possible, the owner's written objection. Upon receipt of such notice, the CPM may waive the requirement for grounding the object involved.	The project owner shall transmit to the CPM a letter confirming compliance with this condition.	At least 30 days before the lines are energized	TBD			4/30/2013	Complete
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). 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	07/01/13				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
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	05/31/13	5/1/2013	5/6/2013	5/3/2013	Complete
VIS-1.4	OPS	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 provide a status report regarding surface treatment maintenance in the Annual Compliance Report. The report shall specify a): the conditionof the surfaces of all structures and buildings at the end of the reporting year; b)maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year.	Annual	Annually				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	04/30/13	4/30/2013	5/3/2013	5/1/2013	Complete
VIS-2.5	OPS	Project Owner shall resolve all lighting complaints	Within 48 hours of receiving a lighting complaint, the project owner shall provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions, including a proposal to resolve the complaint, and a schedule for implementation. The project owner shall notify the CPM within 48 hours after completing implementation of the proposal. A copy of the complaint resolution form report shall be submitted to the CPM within 30 days.	48 hours of receiving complaint	As Required				As Required
VIS-2.6	OPS	Project Owner shall resolve all lighting complaints	The project owner shall provide a status report regarding permanent exterior lighting in the Annual Compliance Report. The report shall specify a): the condition of the lighting that has been installed under the lighting plan at the end of the reporting year; b) any deviations in lighting from the plan that occurred during the reporting year; and c) any proposed deviations from the lighting plan for the next year.	Annual	Annually				Not Started
WASTE-10	OPS	At a minimum, the project owner shall conduct annual analyses of the solids residue from the ZLD process to determine if the solids are hazardous or non-hazardous and ensure appropriate disposal of the solids residue. The project owner shall also conduct analyses of the ZLD solids after any change in water supply to determine if the solids are hazardous or non-hazardous.	The project owner shall submit to the CPM a copy of documentation showing appropriate disposal of the ZLD solids	Within 10 days of the disposal	07/30/13				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
WASTE-11	OPS	The project owner shall submit annual compliance reports to the CPM documenting the annual volumes of wastes generated and the method used to manage the waste generated, such as recycling or disposal. If such waste are disposed of offsite, the disposal facility(s) name and address shall be included in the report.	The project owner shall also document in each annual compliance report the actual volume of wastes generated and the waste management methods used during the year. The annual compliance report shall include a comparison of the actual waste generation and management methods used as compared to those proposed in the original Operation Waste Management Plan. The Operation Waste Management Plan shall be updated as necessary to address current waste generation and management practices.	Annual	Annually				Not Started
WASTE-6	CON/OPS	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
WASTE-7	CON/OPS	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-2	CON	The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program	The project owner shall submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program. The project owner shall provide a **copy of a letter to the CPM from the Riverside County Fire Department** stating the Fire Department's comments on the Operations Fire Prevention Plan and Emergency Action Plan.	At least 30 days prior to the start of first fire or commissioning	11/21/12	11/21/2012	12/7/2012	4/30/2013	Complete
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			5/31/2013	Complete

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-1672-MM-E-One-Line Diagrams

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**April 10, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project 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**

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: As-Built

Mott MacDonald

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

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-E-101 OVERALL PLANT POWER ONE-LINE DIAGRAM REV 3	289497-E-101 OVERALL PLANT POWER ONE-LINE DIAGRAM REV 3	-	3	289497-E-101 OVERALL PLANT POWER ONE-LINE DIAGRAM REV 3	As-Built
289497-E-104 ONE-LINE DIAGRAM 5kV SWITCHGEAR AND MCC REV 3	289497-E-104 ONE-LINE DIAGRAM 5kV SWITCHGEAR AND MCC REV 3	-	3	289497-E-104 ONE-LINE DIAGRAM 5kV SWITCHGEAR AND MCC REV 3	As-Built
289497-E-107 ONE-LINE DIAGRAM 480V BOP SWGR Rev 4	289497-E-107 ONE-LINE DIAGRAM 480V BOP SWGR Rev 4	-	4	289497-E-107 ONE-LINE DIAGRAM 480V BOP SWGR Rev 4	As-Built

Mott MacDonald

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

Sentinel-1673-MM-CSA-As-Builts.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**April 16, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Civil As-Builts	

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: As-Builts

Mott MacDonald

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

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-001-Conc-General-Notes RECORD AS-BUILT R1	289497-C-001-Conc-General-Notes RECORD AS-BUILT R1		1	289497-C-001-Conc-General-Notes RECORD AS-BUILT R1	As Builts
289497-C-010-Fire Pumphouse FDN RECORD AS-BUILT R2	289497-C-010-Fire Pumphouse FDN RECORD AS-BUILT R2		2	289497-C-010-Fire Pumphouse FDN RECORD AS-BUILT R2	As Builts
289497-C-200 CTG Foundation Plan RECORD AS-BUILT R5	289497-C-200 CTG Foundation Plan RECORD AS-BUILT R5		5	289497-C-200 CTG Foundation Plan RECORD AS-BUILT R5	As Builts
289497-C-201 CTG Sections RECORD AS-BUILT R3	289497-C-201 CTG Sections RECORD AS-BUILT R3		3	289497-C-201 CTG Sections RECORD AS-BUILT R3	As Builts
289497-C-202 CTG Anchorage Plan RECORD AS-BUILT R4	289497-C-202 CTG Anchorage Plan RECORD AS-BUILT R4		4	289497-C-202 CTG Anchorage Plan RECORD AS-BUILT R4	As Builts
289497-C-203 CTG Intercooler area Plan RECORD AS-BUILT R2	289497-C-203 CTG Intercooler area Plan RECORD AS-BUILT R2		2	289497-C-203 CTG Intercooler area Plan RECORD AS-BUILT R2	As Builts
289497-C-204 CTG Intercooler area Sections RECORD AS-BUILT R4	289497-C-204 CTG Intercooler area Sections RECORD AS-BUILT R4		4	289497-C-204 CTG Intercooler area Sections RECORD AS-BUILT R4	As Builts
289497-C-205 CTG Intercooler Part Plan RECORD AS-BUILT R3	289497-C-205 CTG Intercooler Part Plan RECORD AS-BUILT R3		3	289497-C-205 CTG Intercooler Part Plan RECORD AS-BUILT R3	As Builts
289497-C-206 Final Fuel Filter Foundation Plan RECORD AS-BUILT R2	289497-C-206 Final Fuel Filter Foundation Plan RECORD AS-BUILT R2		2	289497-C-206 Final Fuel Filter Foundation Plan RECORD AS-BUILT R2	As Builts
289497-C-207 CTG PATIO SLAB RECORD AS-BUILT RC	289497-C-207 CTG PATIO SLAB RECORD AS-BUILT RC		1	289497-C-207 CTG PATIO SLAB RECORD AS-BUILT RC	As Builts
289497-C-208 Cable Tray Support at PCM Unit 5RECORD AS-BUILT R1	289497-C-208 Cable Tray Support at PCM Unit 5RECORD AS-BUILT R1		1	289497-C-208 Cable Tray Support at PCM Unit 5RECORD AS-BUILT R1	As Builts
289497-C-209 Line Side and Neutral Anchorage Plan RECORD AS-BUILT RC	289497-C-209 Line Side and Neutral Anchorage Plan RECORD AS-BUILT RC		C	289497-C-209 Line Side and Neutral Anchorage Plan RECORD AS-BUILT RC	As Builts
289497-C-300 SCR Foundation Plan RECORD AS-BUILT R3	289497-C-300 SCR Foundation Plan RECORD AS-BUILT R3		3	289497-C-300 SCR Foundation Plan RECORD AS-BUILT R3	As Builts

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

289497-C-301 Ammonia - Fan - CEMS Skid next to SCR RECORD AS-BUILT R2	289497-C-301 Ammonia - Fan - CEMS Skid next to SCR RECORD AS-BUILT R2		2	289497-C-301 Ammonia - Fan - CEMS Skid next to SCR RECORD AS-BUILT R2	**As Builts**
289497-C-400 Cooling Tower Foundation Plan RECORD AS-BUILT R4	289497-C-400 Cooling Tower Foundation Plan RECORD AS-BUILT R4		4	289497-C-400 Cooling Tower Foundation Plan RECORD AS-BUILT R4	**As Builts**
289497-C-410 Cooling Tower Chemical Feed System FoundationRECORD AS-BUILT R4	289497-C-410 Cooling Tower Chemical Feed System FoundationRECORD AS-BUILT R4		4	289497-C-410 Cooling Tower Chemical Feed System FoundationRECORD AS-BUILT R4	**As Builts**
289497-C-500 Raw Water Tank Foundation RECORD AS-BUILT R2	289497-C-500 Raw Water Tank Foundation RECORD AS-BUILT R2		2	289497-C-500 Raw Water Tank Foundation RECORD AS-BUILT R2	**As Builts**
289497-C-501 Demin Water Tank Foundation RECORD AS-BUILT R3	289497-C-501 Demin Water Tank Foundation RECORD AS-BUILT R3		3	289497-C-501 Demin Water Tank Foundation RECORD AS-BUILT R3	**As Builts**
289497-C-502 Waste Water Tank Foundation RECORD AS-BUILT R2	289497-C-502 Waste Water Tank Foundation RECORD AS-BUILT R2		2	289497-C-502 Waste Water Tank Foundation RECORD AS-BUILT R2	**As Builts**
289497-C-503 Demin Water Forwarding Pump Foundation Plan RECORD AS-BUILT R2	289497-C-503 Demin Water Forwarding Pump Foundation Plan RECORD AS-BUILT R2		2	289497-C-503 Demin Water Forwarding Pump Foundation Plan RECORD AS-BUILT R2	**As Builts**
289497-C-504 Waste Water Forwrding Pump Foundation Plan RECORD AS-BUILT R2	289497-C-504 Waste Water Forwrding Pump Foundation Plan RECORD AS-BUILT R2		2	289497-C-504 Waste Water Forwrding Pump Foundation Plan RECORD AS-BUILT R2	**As Builts**
289497-C-505 Gas Compressor Foundation Plan RECORD AS-BUILTS R4	289497-C-505 Gas Compressor Foundation Plan RECORD AS-BUILTS R4		4	289497-C-505 Gas Compressor Foundation Plan RECORD AS-BUILTS R4	**As Builts**
289497-C-506 Air Cooled Foundations Plan RECORD AS-BUILT R2	289497-C-506 Air Cooled Foundations Plan RECORD AS-BUILT R2		2	289497-C-506 Air Cooled Foundations Plan RECORD AS-BUILT R2	**As Builts**
289497-C-507 Fuel Gas Filter Foundation Plan RECORD AS-BUILT R5	289497-C-507 Fuel Gas Filter Foundation Plan RECORD AS-BUILT R5		5	289497-C-507 Fuel Gas Filter Foundation Plan RECORD AS-BUILT R5	**As Builts**
289497-C-508 Raw Water Forwarding Pump Foundation Plan RECORD AS-BUILT R4	289497-C-508 Raw Water Forwarding Pump Foundation Plan RECORD AS-BUILT R4		4	289497-C-508 Raw Water Forwarding Pump Foundation Plan RECORD AS-BUILT R4	**As Builts**
289497-C-509 Raw Water Storage Chemical Treatment Foundation PlanRECORD AS-BUILT RD	289497-C-509 Raw Water Storage Chemical Treatment Foundation		D	289497-C-509 Raw Water Storage Chemical Treatment Foundation PlanRECORD AS-BUILT RD	**As Builts**

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

	PlanRECORD AS-BUILT RD				
289497-C-510 Oil Water Separator Foundation Plan RECORD AS-BUILT R1	289497-C-510 Oil Water Separator Foundation Plan RECORD AS-BUILT R1		1	289497-C-510 Oil Water Separator Foundation Plan RECORD AS-BUILT R1	**As Builts**
289497-C-511 Gas Compressor PatioSlab RECORD AS-BUILT RB	289497-C-511 Gas Compressor PatioSlab RECORD AS-BUILT RB		B	289497-C-511 Gas Compressor PatioSlab RECORD AS-BUILT RB	**As Builts**
289497-C-512 Gas Compressor Cable Tray FDN RECORD AS-BUILT RD	289497-C-512 Gas Compressor Cable Tray FDN RECORD AS-BUILT RD		D	289497-C-512 Gas Compressor Cable Tray FDN RECORD AS-BUILT RD	**As Builts**
289497-C-600 Transformer Foundation Plan RECORD AS-BUILT R6	289497-C-600 Transformer Foundation Plan RECORD AS-BUILT R6		6	289497-C-600 Transformer Foundation Plan RECORD AS-BUILT R6	**As Builts**
289497-C-601 Transformer UNIT 4 AND 5 Foundation Plan - HIGH WALL RECORD AS-BUILT R5	289497-C-601 Transformer UNIT 4 AND 5 Foundation Plan - HIGH WALL RECORD AS-BUILT R5		5	289497-C-601 Transformer UNIT 4 AND 5 Foundation Plan - HIGH WALL RECORD AS-BUILT R5	**As Builts**
289497-C-602 Staion Service Transformer Foundation Plan BOTH RECORD AS-BUILT R8	289497-C-602 Staion Service Transformer Foundation Plan BOTH RECORD AS-BUILT R8		8	289497-C-602 Staion Service Transformer Foundation Plan BOTH RECORD AS-BUILT R8	**As Builts**
289497-C-604 Transformer Foundation Plan RECORS AS-BUILT R1	289497-C-604 Transformer Foundation Plan RECORS AS-BUILT R1		1	289497-C-604 Transformer Foundation Plan RECORS AS-BUILT R1	**As Builts**
289497-C-605 Bus Support Foundations RECORD AS-BUILT R1	289497-C-605 Bus Support Foundations RECORD AS-BUILT R1		1	289497-C-605 Bus Support Foundations RECORD AS-BUILT R1	**As Builts**
289497-C-606 Site Lightning Mast Foundation RECORD AS-BUILT R2	289497-C-606 Site Lightning Mast Foundation RECORD AS-BUILT R2		2	289497-C-606 Site Lightning Mast Foundation RECORD AS-BUILT R2	**As Builts**
289497-C-607 Site Lighting Pole Foundation RECORD AS-BUILT R1	289497-C-607 Site Lighting Pole Foundation RECORD AS-BUILT R1		1	289497-C-607 Site Lighting Pole Foundation RECORD AS-BUILT R1	**As Builts**
289497-C-700 FFE Foundation Plan RECORD AS-BUILT R2	289497-C-700 FFE Foundation Plan RECORD AS-BUILT R2		2	289497-C-700 FFE Foundation Plan RECORD AS-BUILT R2	**As Builts**
289497-C-701 - ZLD Location Plan RECORD AS-BUILT R4	289497-C-701 - ZLD Location Plan RECORD AS-BUILT R4		4	289497-C-701 - ZLD Location Plan RECORD AS-BUILT R4	**As Builts**
289497-C-702-Chem Feed and Sump RECORD AS-BUILT R5	289497-C-702-Chem Feed and Sump RECORD AS-BUILT R5		5	289497-C-702-Chem Feed and Sump RECORD AS-BUILT R5	**As Builts**
289497-C-703-Vapor Compr Fdn RECORD AS-BUILT R4	289497-C-703-Vapor Compr Fdn RECORD AS-BUILT R4		4	289497-C-703-Vapor Compr Fdn RECORD AS-BUILT R4	**As Builts**

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

289497-C-704-Compr Fdn and Mod Pad RECORD AS-BUILT R4	289497-C-704-Compr Fdn and Mod Pad RECORD AS-BUILT R4		4	289497-C-704-Compr Fdn and Mod Pad RECORD AS-BUILT R4	**As Builts**
289497-C-705 ZLD Piers and Anchors RECORD AS-BUILT R8	289497-C-705 ZLD Piers and Anchors RECORD AS-BUILT R8		8	289497-C-705 ZLD Piers and Anchors RECORD AS-BUILT R8	**As Builts**
289497-C-706 ZLD Details RECORD AS-BUILT R4	289497-C-706 ZLD Details RECORD AS-BUILT R4		4	289497-C-706 ZLD Details RECORD AS-BUILT R4	**As Builts**
289497-C-707 - ZLD PATIO SLAB PLAN RECORD AS-BUILT RE	289497-C-707 - ZLD PATIO SLAB PLAN RECORD AS-BUILT RE		E	289497-C-707 - ZLD PATIO SLAB PLAN RECORD AS-BUILT RE	**As Builts**
289497-C-810 PCM Foundation Plan RECORD AS-BUILT R4	289497-C-810 PCM Foundation Plan RECORD AS-BUILT R4		4	289497-C-810 PCM Foundation Plan RECORD AS-BUILT R4	**As Builts**
289497-C-820 PEC @ SST Foundation Plan RECORD AS-BUILT RD	289497-C-820 PEC @ SST Foundation Plan RECORD AS-BUILT RD		D	289497-C-820 PEC @ SST Foundation Plan RECORD AS-BUILT RD	**As Builts**
289497-C-840 PCM STAIR Foundation Plan RECORD AS-BUILT R2	289497-C-840 PCM STAIR Foundation Plan RECORD AS-BUILT R2		2	289497-C-840 PCM STAIR Foundation Plan RECORD AS-BUILT R2	**As Builts**
289497-C-841 PEC STAIR Foundation Plan RECORD AS-BUILT RC	289497-C-841 PEC STAIR Foundation Plan RECORD AS-BUILT RC		C	289497-C-841 PEC STAIR Foundation Plan RECORD AS-BUILT RC	**As Builts**
289497-C-843 - Eye Wash and Shower Foundation RECORD AS-BUILT R1	289497-C-843 - Eye Wash and Shower Foundation RECORD AS-BUILT R1		1	289497-C-843 - Eye Wash and Shower Foundation RECORD AS-BUILT R1	**As Builts**
289497-C-850 Demin Trailer Pad Foundation RECORD AS-BUILT R2	289497-C-850 Demin Trailer Pad Foundation RECORD AS-BUILT R2		2	289497-C-850 Demin Trailer Pad Foundation RECORD AS-BUILT R2	**As Builts**
289497-C-870 Gas Pipeline Support foundations RECORD AS-BUILT R1	289497-C-870 Gas Pipeline Support foundations RECORD AS-BUILT R1		1	289497-C-870 Gas Pipeline Support foundations RECORD AS-BUILT R1	**As Builts**
289497-C-871 Gas Pipeline Support foundations CHART RECORD AS-BUILT R2	289497-C-871 Gas Pipeline Support foundations CHART RECORD AS-BUILT R2		2	289497-C-871 Gas Pipeline Support foundations CHART RECORD AS-BUILT R2	**As Builts**
289497-C-900 Ammonia Tank Foundation RECORD AS-BUILT R2	289497-C-900 Ammonia Tank Foundation RECORD AS-BUILT R2		2	289497-C-900 Ammonia Tank Foundation RECORD AS-BUILT R2	**As Builts**
289497-C-901 Ammonia Tank Foundation RECORD AS-BUILT R2	289497-C-901 Ammonia Tank Foundation RECORD AS-BUILT R2		2	289497-C-901 Ammonia Tank Foundation RECORD AS-BUILT R2	**As Builts**
289497-C-902 Ammonia Tank Foundation RECORD AS-BUILT R2	289497-C-902 Ammonia Tank Foundation RECORD AS-BUILT R2		2	289497-C-902 Ammonia Tank Foundation RECORD AS-BUILT R2	**As Builts**
289497-S-001-Steel-General-Notes RECORD AS-BUILT R1	289497-S-001-Steel-General-Notes		1	289497-S-001-Steel-General-Notes RECORD AS-	**As Builts**

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

	RECORD AS-BUILT R1			BUILT R1	
289497-S-100 PCM STAIRS SHEET 1 & 2 EAST STAIR SHEET 1 RECORD AS-BUILT R1	289497-S-100 PCM STAIRS SHEET 1 & 2 EAST STAIR SHEET 1 RECORD AS-BUILT R1		1	289497-S-100 PCM STAIRS SHEET 1 & 2 EAST STAIR SHEET 1 RECORD AS-BUILT R1	**As Builts**
289497-S-100 PCM STAIRS SHEET 1 & 2 WEST STAIR SHEET 2 RECORD AS-BUILT R1	289497-S-100 PCM STAIRS SHEET 1 & 2 WEST STAIR SHEET 2 RECORD AS-BUILT R1		1	289497-S-100 PCM STAIRS SHEET 1 & 2 WEST STAIR SHEET 2 RECORD AS-BUILT R1	**As Builts**
289497-S-110 PEC NORTH STAIRS NORTH STAIR RECORD AS-BUILT RC	289497-S-110 PEC NORTH STAIRS NORTH STAIR RECORD AS-BUILT RC		C	289497-S-110 PEC NORTH STAIRS NORTH STAIR RECORD AS-BUILT RC	**As Builts**
289497-S-111 PEC SOUTH STAIRS SOUTH STAIR SHEET 2 RECORD AS-BUILT RC	289497-S-111 PEC SOUTH STAIRS SOUTH STAIR SHEET 2 RECORD AS-BUILT RC		C	289497-S-111 PEC SOUTH STAIRS SOUTH STAIR SHEET 2 RECORD AS-BUILT RC	**As Builts**
289497-S-130 - CABLE TRAY STEEL LOCATION PLAN A RECORD AS-BUILT RC	289497-S-130 - CABLE TRAY STEEL LOCATION PLAN A RECORD AS-BUILT RC		C	289497-S-130 - CABLE TRAY STEEL LOCATION PLAN A RECORD AS-BUILT RC	**As Builts**
289497-S-131 - CABLE TRAY STEEL DETAILS A RECORD AS-BUILT R1	289497-S-131 - CABLE TRAY STEEL DETAILS A RECORD AS-BUILT R1		1	289497-S-131 - CABLE TRAY STEEL DETAILS A RECORD AS-BUILT R1	**As Builts**
289497-S-132 - CABLE TRAY STEEL LOCATION PLAN B RECORD AS-BUILT R1	289497-S-132 - CABLE TRAY STEEL LOCATION PLAN B RECORD AS-BUILT R1		1	289497-S-132 - CABLE TRAY STEEL LOCATION PLAN B RECORD AS-BUILT R1	**As Builts**
289497-S-133 - CABLE TRAY STEEL DETAILS - B RECORD AS-BUILT R1	289497-S-133 - CABLE TRAY STEEL DETAILS - B RECORD AS-BUILT R1		1	289497-S-133 - CABLE TRAY STEEL DETAILS - B RECORD AS-BUILT R1	**As Builts**
289497-S-134 - CABLE TRAY STEEL LOCATION PLAN GAS COMPRESSOR RECORD AS-BUILT R1	289497-S-134 - CABLE TRAY STEEL LOCATION PLAN GAS COMPRESSOR RECORD AS-BUILT R1		1	289497-S-134 - CABLE TRAY STEEL LOCATION PLAN GAS COMPRESSOR RECORD AS-BUILT R1	**As Builts**
289497-S-135 - CABLE TRAY STEEL DETAILS -GAS COMPRESSOR AREA RECORD AS-BUILT RD	289497-S-135 - CABLE TRAY STEEL DETAILS - GAS COMPRESSOR AREA RECORD AS-BUILT RD		D	289497-S-135 - CABLE TRAY STEEL DETAILS -GAS COMPRESSOR AREA RECORD AS-BUILT RD	**As Builts**
289497-S-136 - CABLE TRAY STEEL LOCATION PLAN ZLD AREA RECORD AS-BUILT R1	289497-S-136 - CABLE TRAY STEEL LOCATION PLAN ZLD AREA RECORD AS-BUILT R1		1	289497-S-136 - CABLE TRAY STEEL LOCATION PLAN ZLD AREA RECORD AS-BUILT R1	**As Builts**
289497-S-137 - CABLE TRAY STEEL DETAILS - ZLD AREA RECORD AS-BUILT RF	289497-S-137 - CABLE TRAY STEEL DETAILS - ZLD AREA RECORD AS-BUILT RF		F	289497-S-137 - CABLE TRAY STEEL DETAILS - ZLD AREA RECORD AS-BUILT RF	**As Builts**
289497-S-140 - Cable Tray Supports under PCM RECORD AS-BUILT R1	289497-S-140 - Cable Tray Supports under PCM RECORD AS-		1	289497-S-140 - Cable Tray Supports under PCM RECORD AS-BUILT R1	**As Builts**

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

	BUILT R1				
289497-S-141 - Cable Tray Supports for O&M BLDG RECORD AS-BUILT RC	289497-S-141 - Cable Tray Supports for O&M BLDG RECORD AS-BUILT RC		C	289497-S-141 - Cable Tray Supports for O&M BLDG RECORD AS-BUILT RC	**As Builts**
289497-S-150 - CTG Steel Platforms RECORD AS-BUILT R2	289497-S-150 - CTG Steel Platforms RECORD AS-BUILT R2		2	289497-S-150 - CTG Steel Platforms RECORD AS-BUILT R2	**As Builts**
289497-S-151 - CTG Steel Platform Ladder and details RECORD AS-BUILT R1	289497-S-151 - CTG Steel Platform Ladder and details RECORD AS-BUILT R1		1	289497-S-151 - CTG Steel Platform Ladder and details RECORD AS-BUILT R1	**As Builts**
289497-S-152 Crossover Platforms RECORD AS-BUILT R1	289497-S-152 Crossover Platforms RECORD AS-BUILT R1		1	289497-S-152 Crossover Platforms RECORD AS-BUILT R1	**As Builts**

Mott MacDonald

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

Sentinel-1675-MM-CSA-As-Builts.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**April 19, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Civil As-Builts	

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: As-Builts

Mott MacDonald

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

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-Y-142-Grading Plan South-R5	289497-Y-142-Grading Plan South-R5		5	289497-Y-142-Grading Plan South-R5	As Builts
289497-Y-143-Grading Plan Center-R6	289497-Y-143-Grading Plan Center-R6		6	289497-Y-143-Grading Plan Center-R6	As Builts
289497-Y-144-Grading Plan Parcel 3 South East-R3	289497-Y-144-Grading Plan Parcel 3 South East-R3		3	289497-Y-144-Grading Plan Parcel 3 South East-R3	As Builts
289497-Y-145-Grading Plan North-R6.pdf	289497-Y-145-Grading Plan North-R6.pdf		6	289497-Y-145-Grading Plan North-R6.pdf	As Builts

Mott MacDonald

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

Sentinel-1675-MM-Mechanical-As-Builts.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**April 24, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Mechanical As-Builts	

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: As-Builts

Mott MacDonald

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

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-G-101-R2 General Arrangement Plan & Legend	289497-G-101-R2 General Arrangement Plan & Legend		2	289497-G-101-R2 General Arrangement Plan & Legend	As Builts
289497-G-152-R1 Eq Loc Part Plan Area CTG 01	289497-G-152-R1 Eq Loc Part Plan Area CTG 01		1	289497-G-152-R1 Eq Loc Part Plan Area CTG 01	As Builts
289497-G-153-R1 Eq Loc Part Plan Area CTG 02	289497-G-153-R1 Eq Loc Part Plan Area CTG 02		1	289497-G-153-R1 Eq Loc Part Plan Area CTG 02	As Builts
289497-G-154-R1 Eq Loc Part Plan Area CTG 03	289497-G-154-R1 Eq Loc Part Plan Area CTG 03		1	289497-G-154-R1 Eq Loc Part Plan Area CTG 03	As Builts
289497-G-155-R1 Eq Loc Part Plan Area CTG 04	289497-G-155-R1 Eq Loc Part Plan Area CTG 04		1	289497-G-155-R1 Eq Loc Part Plan Area CTG 04	As Builts
289497-G-156-R1 Eq Loc Part Plan Area CTG 05	289497-G-156-R1 Eq Loc Part Plan Area CTG 05		1	289497-G-156-R1 Eq Loc Part Plan Area CTG 05	As Builts
289497-G-157-R1 Eq Loc Part Plan Area CTG 06	289497-G-157-R1 Eq Loc Part Plan Area CTG 06		1	289497-G-157-R1 Eq Loc Part Plan Area CTG 06	As Builts
289497-G-158-R1 Eq Loc Part Plan Area CTG 07	289497-G-158-R1 Eq Loc Part Plan Area CTG 07		1	289497-G-158-R1 Eq Loc Part Plan Area CTG 07	As Builts
289497-G-159-R1 Eq Loc Part Plan Area CTG 08	289497-G-159-R1 Eq Loc Part Plan Area CTG 08		1	289497-G-159-R1 Eq Loc Part Plan Area CTG 08	As Builts
289497-G-160-R1 Eq Loc Part Plan Area Ammonia Tank	289497-G-160-R1 Eq Loc Part Plan Area Ammonia Tank		1	289497-G-160-R1 Eq Loc Part Plan Area Ammonia Tank	As Builts
289497-G-161-R1 Eq Loc Part Plan Area Fuel Gas Compressors 1	289497-G-161-R1 Eq Loc Part Plan Area Fuel Gas Compressors 1		1	289497-G-161-R1 Eq Loc Part Plan Area Fuel Gas Compressors 1	As Builts
289497-G-163-R1 Eq Loc Part Plan Area Admin Warehouse	289497-G-163-R1 Eq Loc Part Plan Area Admin Warehouse		1	289497-G-163-R1 Eq Loc Part Plan Area Admin Warehouse	As Builts
289497-G-164-R1 Eq Loc Part Plan Area Zero Discharge System	289497-G-164-R1 Eq Loc Part Plan Area Zero Discharge System		1	289497-G-164-R1 Eq Loc Part Plan Area Zero Discharge System	As Builts
289497-G-166-R1 Eq Loc Part Plan Area Demineralized Water Tanks	289497-G-166-R1 Eq Loc Part Plan Area Demineralized Water		1	289497-G-166-R1 Eq Loc Part Plan Area Demineralized Water Tanks	As Builts

Mott MacDonald

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

	Tanks				
289497-G-168-R1 Eq Loc Part Plan Area Raw Water Storage	289497-G-168-R1 Eq Loc Part Plan Area Raw Water Storage		1	289497-G-168-R1 Eq Loc Part Plan Area Raw Water Storage	**As Builts**
289497-P-101-R2 Aboveground Piping Plan - Area CTG 01	289497-P-101-R2 Aboveground Piping Plan - Area CTG 01		2	289497-P-101-R2 Aboveground Piping Plan - Area CTG 01	**As Builts**
289497-P-102-R2 Aboveground Piping Plan - Area CTG 02	289497-P-102-R2 Aboveground Piping Plan - Area CTG 02		2	289497-P-102-R2 Aboveground Piping Plan - Area CTG 02	**As Builts**
289497-P-103-R2 Aboveground Piping Plan - Area CTG 03	289497-P-103-R2 Aboveground Piping Plan - Area CTG 03		2	289497-P-103-R2 Aboveground Piping Plan - Area CTG 03	**As Builts**
289497-P-104-R2 Aboveground Piping Plan - Area CTG 04	289497-P-104-R2 Aboveground Piping Plan - Area CTG 04		2	289497-P-104-R2 Aboveground Piping Plan - Area CTG 04	**As Builts**
289497-P-105-R2 Aboveground Piping Plan - Area CTG 05	289497-P-105-R2 Aboveground Piping Plan - Area CTG 05		2	289497-P-105-R2 Aboveground Piping Plan - Area CTG 05	**As Builts**
289497-P-106-R2 Aboveground Piping Plan - Area CTG 06	289497-P-106-R2 Aboveground Piping Plan - Area CTG 06		2	289497-P-106-R2 Aboveground Piping Plan - Area CTG 06	**As Builts**
289497-P-107-R2 Aboveground Piping Plan - Area CTG 07	289497-P-107-R2 Aboveground Piping Plan - Area CTG 07		2	289497-P-107-R2 Aboveground Piping Plan - Area CTG 07	**As Builts**
289497-P-108-R2 Aboveground Piping Plan - Area CTG 08	289497-P-108-R2 Aboveground Piping Plan - Area CTG 08		2	289497-P-108-R2 Aboveground Piping Plan - Area CTG 08	**As Builts**
289497-P-109-R2 Aboveground Piping Plan - Area Ammonia Tank	289497-P-109-R2 Aboveground Piping Plan - Area Ammonia Tank		2	289497-P-109-R2 Aboveground Piping Plan - Area Ammonia Tank	**As Builts**
289497-P-110-R4 Aboveground Piping Plan - Area Fuel Gas Compressor 1	289497-P-110-R4 Aboveground Piping Plan - Area Fuel Gas Compressor 1		4	289497-P-110-R4 Aboveground Piping Plan - Area Fuel Gas Compressor 1	**As Builts**
289497-P-111-R4 Aboveground Piping Plan - Area Fuel Gas Compressor 2	289497-P-111-R4 Aboveground Piping Plan - Area Fuel Gas Compressor 2		4	289497-P-111-R4 Aboveground Piping Plan - Area Fuel Gas Compressor 2	**As Builts**
289497-P-112-R2 Aboveground Piping Plan - Area Admin - Warehouse	289497-P-112-R2 Aboveground Piping Plan - Area Admin - Warehouse		2	289497-P-112-R2 Aboveground Piping Plan - Area Admin - Warehouse	**As Builts**
289497-P-113-R3 Aboveground Piping Plan - Area Zero Discharge System	289497-P-113-R3 Aboveground Piping Plan - Area Zero Discharge System		3	289497-P-113-R3 Aboveground Piping Plan - Area Zero Discharge System	**As Builts**
289497-P-114-R2 Aboveground Piping Plan - Area Wastewater Storage Tank	289497-P-114-R2 Aboveground Piping Plan - Area Wastewater Storage Tank		2	289497-P-114-R2 Aboveground Piping Plan - Area Wastewater Storage Tank	**As Builts**

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

289497-P-115-R2 Aboveground Piping Plan - Area Demineralized Water Tanks	289497-P-115-R2 Aboveground Piping Plan - Area Demineralized Water Tanks		2	289497-P-115-R2 Aboveground Piping Plan - Area Demineralized Water Tanks	As Builts
289497-P-116-R3 Aboveground Piping Plan - Area Demineralizer Trailers	289497-P-116-R3 Aboveground Piping Plan - Area Demineralizer Trailers		3	289497-P-116-R3 Aboveground Piping Plan - Area Demineralizer Trailers	As Builts
289497-P-117-R2 Aboveground Piping Plan - Area Raw Water Tank	289497-P-117-R2 Aboveground Piping Plan - Area Raw Water Tank		2	289497-P-117-R2 Aboveground Piping Plan - Area Raw Water Tank	As Builts
289497-P-201-R6 Underground Piping Plan - Area CTG 01	289497-P-201-R6 Underground Piping Plan - Area CTG 01		6	289497-P-201-R6 Underground Piping Plan - Area CTG 01	As Builts
289497-P-202-R5 Underground Piping Plan - Area CTG 02	289497-P-202-R5 Underground Piping Plan - Area CTG 02		5	289497-P-202-R5 Underground Piping Plan - Area CTG 02	As Builts
289497-P-203-R5 Underground Piping Plan - Area CTG 03	289497-P-203-R5 Underground Piping Plan - Area CTG 03		5	289497-P-203-R5 Underground Piping Plan - Area CTG 03	As Builts
289497-P-204-R6 Underground Piping Plan - Area CTG 04	289497-P-204-R6 Underground Piping Plan - Area CTG 04		6	289497-P-204-R6 Underground Piping Plan - Area CTG 04	As Builts
289497-P-205-R6 Underground Piping Plan - Area CTG 05	289497-P-205-R6 Underground Piping Plan - Area CTG 05		6	289497-P-205-R6 Underground Piping Plan - Area CTG 05	As Builts
289497-P-206-R5 Underground Piping Plan - Area CTG 06	289497-P-206-R5 Underground Piping Plan - Area CTG 06		5	289497-P-206-R5 Underground Piping Plan - Area CTG 06	As Builts
289497-P-207-R5 Underground Piping Plan - Area CTG 07	289497-P-207-R5 Underground Piping Plan - Area CTG 07		5	289497-P-207-R5 Underground Piping Plan - Area CTG 07	As Builts
289497-P-208-R6 Underground Piping Plan - Area CTG 08	289497-P-208-R6 Underground Piping Plan - Area CTG 08		6	289497-P-208-R6 Underground Piping Plan - Area CTG 08	As Builts
289497-P-209-R4 Underground Piping Plan - Area Ammonia Tank	289497-P-209-R4 Underground Piping Plan - Area Ammonia Tank		4	289497-P-209-R4 Underground Piping Plan - Area Ammonia Tank	As Builts
289497-P-210-R6 Underground Piping Plan - Area Fuel Gas Compressors 1	289497-P-210-R6 Underground Piping Plan - Area Fuel Gas Compressors 1		6	289497-P-210-R6 Underground Piping Plan - Area Fuel Gas Compressors 1	As Builts
289497-P-212-R8 Underground Piping Plan - Area Admin - Warehouse	289497-P-212-R8 Underground Piping Plan - Area Admin - Warehouse		8	289497-P-212-R8 Underground Piping Plan - Area Admin - Warehouse	As Builts
289497-P-213-R7 Underground Piping Plan - Area Zero Discharge System	289497-P-213-R7 Underground Piping Plan - Area Zero Discharge System		7	289497-P-213-R7 Underground Piping Plan - Area Zero Discharge System	As Builts

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

289497-P-215-R6 Underground Piping Plan - Area Demineralized Water Tanks	289497-P-215-R6 Underground Piping Plan - Area Demineralized Water Tanks		6	289497-P-215-R6 Underground Piping Plan - Area Demineralized Water Tanks	As Builts
289497-P-216-R8 Underground Piping Plan - Area Demineralizer Trailers	289497-P-216-R8 Underground Piping Plan - Area Demineralizer Trailers		8	289497-P-216-R8 Underground Piping Plan - Area Demineralizer Trailers	As Builts
289497-P-218-R8 Underground Piping Plan - Area Fuel Gas Metering Station	289497-P-218-R8 Underground Piping Plan - Area Fuel Gas Metering Station		8	289497-P-218-R8 Underground Piping Plan - Area Fuel Gas Metering Station	As Builts
289497-P-219-R4 Underground Piping Plan - Area Potable Water Pump	289497-P-219-R4 Underground Piping Plan - Area Potable Water Pump		4	289497-P-219-R4 Underground Piping Plan - Area Potable Water Pump	As Builts
289497-P-220-R2 Underground Piping Plan - Area Potable Water Pump	289497-P-220-R2 Underground Piping Plan - Area Potable Water Pump		2	289497-P-220-R2 Underground Piping Plan - Area Potable Water Pump	As Builts
289497-P-221-R3 Underground Piping Plan - Area Potable Water Pump	289497-P-221-R3 Underground Piping Plan - Area Potable Water Pump		3	289497-P-221-R3 Underground Piping Plan - Area Potable Water Pump	As Builts
289497-P-222-R4 Underground Piping Plan - Fire Protection Area CTG Units 1, 2, & 3	289497-P-222-R4 Underground Piping Plan - Fire Protection Area CTG Units 1, 2, & 3		4	289497-P-222-R4 Underground Piping Plan - Fire Protection Area CTG Units 1, 2, & 3	As Builts
289497-P-223-R2 Underground Piping Plan - Fire Protection Area CTG Units 4, 5, & 6	289497-P-223-R2 Underground Piping Plan - Fire Protection Area CTG Units 4, 5, & 6		2	289497-P-223-R2 Underground Piping Plan - Fire Protection Area CTG Units 4, 5, & 6	As Builts
289497-P-224-R2 Underground Piping Plan - Fire Protection Area CTG Units 7 & 8	289497-P-224-R2 Underground Piping Plan - Fire Protection Area CTG Units 7 & 8		2	289497-P-224-R2 Underground Piping Plan - Fire Protection Area CTG Units 7 & 8	As Builts
289497-P-225-R4 Underground Piping Plan - Area Raw Water Wells	289497-P-225-R4 Underground Piping Plan - Area Raw Water Wells		4	289497-P-225-R4 Underground Piping Plan - Area Raw Water Wells	As Builts
289497-P-226-R2 Underground Piping Sections	289497-P-226-R2 Underground Piping Sections		2	289497-P-226-R2 Underground Piping Sections	As Builts
289497-P-227-R3 Underground Piping Sections	289497-P-227-R3 Underground Piping Sections		3	289497-P-227-R3 Underground Piping Sections	As Builts
289497-P-228-R2 Underground Piping Sections	289497-P-228-R2 Underground Piping Sections		2	289497-P-228-R2 Underground Piping Sections	As Builts
289497-P-229-R2 Underground Piping	289497-P-229-R2		2	289497-P-229-R2	As Builts

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

Sections	Underground Piping Sections			Underground Piping Sections	
289497-P-230-R2 Underground Piping Sections	289497-P-230-R2 Underground Piping Sections		2	289497-P-230-R2 Underground Piping Sections	**As Builts**
289497-P-231-R2 Underground Piping Sections	289497-P-231-R2 Underground Piping Sections		2	289497-P-231-R2 Underground Piping Sections	**As Builts**
289497-P-232-R2 Underground Piping Sections	289497-P-232-R2 Underground Piping Sections		2	289497-P-232-R2 Underground Piping Sections	**As Builts**
289497-P-233-R2 Underground Piping Sections	289497-P-233-R2 Underground Piping Sections		2	289497-P-233-R2 Underground Piping Sections	**As Builts**
289497-P-234-R2 Underground Piping Sections	289497-P-234-R2 Underground Piping Sections		2	289497-P-234-R2 Underground Piping Sections	**As Builts**
289497-P-235-R1 Underground Piping Sections	289497-P-235-R1 Underground Piping Sections		1	289497-P-235-R1 Underground Piping Sections	**As Builts**

Mott MacDonald

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

Sentinel-1677-MM-Electrical-As-Builts

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**April 25, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Electrical As-Builts	

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**

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: **As-Builts**

Mott MacDonald

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

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-E-100 Elec Symbols and Legend RECORD AS-BUILT R4	289497-E-100 Elec Symbols and Legend RECORD AS-BUILT R4		4	289497-E-100 Elec Symbols and Legend RECORD AS-BUILT R4	As Builts
289497-E-101 Overall Plant Power One Line RECORD AS-BUILT R4	289497-E-101 Overall Plant Power One Line RECORD AS-BUILT R4		4	289497-E-101 Overall Plant Power One Line RECORD AS-BUILT R4	As Builts
289497-E-103 Relay and Metering One Line SH 1 of 2 RECORD AS-BUILT R1	289497-E-103 Relay and Metering One Line SH 1 of 2 RECORD AS-BUILT R1		1	289497-E-103 Relay and Metering One Line SH 1 of 2 RECORD AS-BUILT R1	As Builts
289497-E-103 Relay and Metering One Line SH 2 of 2 RECORD AS-BUILT R1	289497-E-103 Relay and Metering One Line SH 2 of 2 RECORD AS-BUILT R1		1	289497-E-103 Relay and Metering One Line SH 2 of 2 RECORD AS-BUILT R1	As Builts
289497-E-104 One Line 5kV Switchgear and MCC RECORD AS-BUILT R3	289497-E-104 One Line 5kV Switchgear and MCC RECORD AS-BUILT R3		3	289497-E-104 One Line 5kV Switchgear and MCC RECORD AS-BUILT R3	As Builts
289497-E-106 One Line 480V Load Center Unit 1 SH 1 of 8 RECORD AS-BUILT R1	289497-E-106 One Line 480V Load Center Unit 1 SH 1 of 8 RECORD AS-BUILT R1		1	289497-E-106 One Line 480V Load Center Unit 1 SH 1 of 8 RECORD AS-BUILT R1	As Builts
289497-E-106 One Line 480V Load Center Unit 2 SH 2 of 8 RECORD AS-BUILT R1	289497-E-106 One Line 480V Load Center Unit 2 SH 2 of 8 RECORD AS-BUILT R1		1	289497-E-106 One Line 480V Load Center Unit 2 SH 2 of 8 RECORD AS-BUILT R1	As Builts
289497-E-106 One Line 480V Load Center Unit 3 SH 3 of 8 RECORD AS-BUILT R1	289497-E-106 One Line 480V Load Center Unit 3 SH 3 of 8 RECORD AS-BUILT R1		1	289497-E-106 One Line 480V Load Center Unit 3 SH 3 of 8 RECORD AS-BUILT R1	As Builts
289497-E-106 One Line 480V Load Center Unit 4 SH 4 of 8 RECORD AS-BUILT R1.pdf	289497-E-106 One Line 480V Load Center Unit 4 SH 4 of 8 RECORD AS-BUILT R1.pdf		1	289497-E-106 One Line 480V Load Center Unit 4 SH 4 of 8 RECORD AS-BUILT R1.pdf	As Builts
289497-E-106 One Line 480V Load Center Unit 5 SH 5 of 8 RECORD AS-BUILT R1	289497-E-106 One Line 480V Load Center Unit 5 SH 5 of 8 RECORD AS-BUILT R1		1	289497-E-106 One Line 480V Load Center Unit 5 SH 5 of 8 RECORD AS-BUILT R1	As Builts
289497-E-106 One Line 480V Load Center Unit 6 SH 6 of 8 RECORD AS-BUILT R1	289497-E-106 One Line 480V Load Center Unit 6 SH 6 of 8 RECORD AS-BUILT R1		1	289497-E-106 One Line 480V Load Center Unit 6 SH 6 of 8 RECORD AS-BUILT R1	As Builts

Mott MacDonald

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

289497-E-106 One Line 480V Load Center Unit 7 SH 7 of 8 RECORD AS-BUILT R1	289497-E-106 One Line 480V Load Center Unit 7 SH 7 of 8 RECORD AS-BUILT R1		1	289497-E-106 One Line 480V Load Center Unit 7 SH 7 of 8 RECORD AS-BUILT R1	**As Builts**
289497-E-106 One Line 480V Load Center Unit 8 SH 8 of 8 RECORD AS-BUILT R1	289497-E-106 One Line 480V Load Center Unit 8 SH 8 of 8 RECORD AS-BUILT R1		1	289497-E-106 One Line 480V Load Center Unit 8 SH 8 of 8 RECORD AS-BUILT R1	**As Builts**
289497-E-107 One Line 480V BOP SWGR RECORD AS-BUILT R4	289497-E-107 One Line 480V BOP SWGR RECORD AS-BUILT R4		4	289497-E-107 One Line 480V BOP SWGR RECORD AS-BUILT R4	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 1 SH 1 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 1 SH 1 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 1 SH 1 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 2 SH 2 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 2 SH 2 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 2 SH 2 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 3 SH 3 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 3 SH 3 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 3 SH 3 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 4 SH 4 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 4 SH 4 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 4 SH 4 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 5 SH 5 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 5 SH 5 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 5 SH 5 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 6 SH 6 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 6 SH 6 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 6 SH 6 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 7 SH 7 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 7 SH 7 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 7 SH 7 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-108 UA One Line 480V MCC Unit 8 SH 8 of 8 RECORD AS-BUILT R3	289497-E-108 UA One Line 480V MCC Unit 8 SH 8 of 8 RECORD AS-BUILT R3		3	289497-E-108 UA One Line 480V MCC Unit 8 SH 8 of 8 RECORD AS-BUILT R3	**As Builts**
289497-E-109 One Line 480V BOP MCC 1 SH 1 of 2 RECORD AS-BUILT R4	289497-E-109 One Line 480V BOP MCC 1 SH 1 of 2 RECORD AS-BUILT R4		4	289497-E-109 One Line 480V BOP MCC 1 SH 1 of 2 RECORD AS-BUILT R4	**As Builts**
289497-E-109 One Line 480V BOP MCC 2 SH 2 of 2 RECORD AS-BUILT R4	289497-E-109 One Line 480V BOP MCC 2 SH 2 of 2 RECORD AS-BUILT R4		4	289497-E-109 One Line 480V BOP MCC 2 SH 2 of 2 RECORD AS-BUILT R4	**As Builts**
289497-E-170 Relay and Metering One Line RECORD AS-BUILT RF SUPERSEDED	289497-E-170 Relay and Metering One		F	289497-E-170 Relay and Metering One Line RECORD	**As Builts**

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

	Line RECORD AS-BUILT RF SUPERSEDED			AS-BUILT RF SUPERSEDED	
289497-E-171 DC One Line RECORD AS-BUILT RB SUPERSEDED	289497-E-171 DC One Line RECORD AS-BUILT RB SUPERSEDED		B	289497-E-171 DC One Line RECORD AS-BUILT RB SUPERSEDED	As Builts
289497-E-173 AC One Line RECORD AS-BUILT RA SUPERSEDED	289497-E-173 AC One Line RECORD AS-BUILT RA SUPERSEDED		A	289497-E-173 AC One Line RECORD AS-BUILT RA SUPERSEDED	As Builts
289497-E-190 Construction Power One Line RECORD AS-BUILT R1 SUPERSEDED	289497-E-190 Construction Power One Line RECORD AS-BUILT R1 SUPERSEDED		1	289497-E-190 Construction Power One Line RECORD AS-BUILT R1 SUPERSEDED	As Builts
289497-E-191 Temp Construct Power One Line RECORD AS-BUILT R1	289497-E-191 Temp Construct Power One Line RECORD AS-BUILT R1		1	289497-E-191 Temp Construct Power One Line RECORD AS-BUILT R1	As Builts
289497-E-200 Elec Grounding Details RECORD AS-BUILT R4	289497-E-200 Elec Grounding Details RECORD AS-BUILT R4		4	289497-E-200 Elec Grounding Details RECORD AS-BUILT R4	As Builts
289497-E-201 Overall Grounding Plan RECORD AS-BUILT R3	289497-E-201 Overall Grounding Plan RECORD AS-BUILT R3		3	289497-E-201 Overall Grounding Plan RECORD AS-BUILT R3	As Builts
289497-E-202 CTG 1 Grounding Plan RECORD AS-BUILT R3	289497-E-202 CTG 1 Grounding Plan RECORD AS-BUILT R3		3	289497-E-202 CTG 1 Grounding Plan RECORD AS-BUILT R3	As Builts
289497-E-203 GSU 1 Grounding Plan SH 1 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 1 Grounding Plan SH 1 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 1 Grounding Plan SH 1 of 10 RECORD AS-BUILT R3	As Builts
289497-E-203 GSU 1 Thru 8 Sections and Details SH 9 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 1 Thru 8 Sections and Details SH 9 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 1 Thru 8 Sections and Details SH 9 of 10 RECORD AS-BUILT R3	As Builts
289497-E-203 GSU 2 Grounding Plan SH 2 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 2 Grounding Plan SH 2 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 2 Grounding Plan SH 2 of 10 RECORD AS-BUILT R3	As Builts
289497-E-203 GSU 3 Grounding Plan SH 3 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 3 Grounding Plan SH 3 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 3 Grounding Plan SH 3 of 10 RECORD AS-BUILT R3	As Builts
289497-E-203 GSU 4 Grounding Plan SH 4 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 4 Grounding Plan SH 4 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 4 Grounding Plan SH 4 of 10 RECORD AS-BUILT R3	As Builts
289497-E-203 GSU 5 & Station Service XFMR Grounding Plan SH 5 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 5 & Station Service XFMR Grounding Plan SH 5 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 5 & Station Service XFMR Grounding Plan SH 5 of 10 RECORD AS-BUILT R3	As Builts
289497-E-203 GSU 6 Grounding Plan SH 6 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 6 Grounding Plan SH 6 of 10 RECORD AS-		3	289497-E-203 GSU 6 Grounding Plan SH 6 of 10 RECORD AS-BUILT R3	As Builts

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

	BUILT R3				
289497-E-203 GSU 7 Grounding Plan SH 7 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 7 Grounding Plan SH 7 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 7 Grounding Plan SH 7 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-203 GSU 8 Grounding Plan SH 8 of 10 RECORD AS-BUILT R3	289497-E-203 GSU 8 Grounding Plan SH 8 of 10 RECORD AS-BUILT R3		3	289497-E-203 GSU 8 Grounding Plan SH 8 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-203 Station Service Transformer Section Detail SH 10 of 10 RECORD AS-BUILT R3	289497-E-203 Station Service Transformer Section Detail SH 10 of 10 RECORD AS-BUILT R3		3	289497-E-203 Station Service Transformer Section Detail SH 10 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-204 CTG No. 1 Ground Plan SH 1 (1) R5	289497-E-204 CTG No. 1 Ground Plan SH 1 (1) R5		5	289497-E-204 CTG No. 1 Ground Plan SH 1 (1) R5	**As Builts**
289497-E-205 Ammonia Storage Area Grounding Plan SH 6 of 8 RECORD AS-BUILT R5	289497-E-205 Ammonia Storage Area Grounding Plan SH 6 of 8 RECORD AS-BUILT R5		5	289497-E-205 Ammonia Storage Area Grounding Plan SH 6 of 8 RECORD AS-BUILT R5	**As Builts**
289497-E-205 Demineralized Water Storage Tank Area Grounding Plan SH 2 of 8 RECORD AS-BUILT R5	289497-E-205 Demineralized Water Storage Tank Area Grounding Plan SH 2 of 8 RECORD AS-BUILT R5		5	289497-E-205 Demineralized Water Storage Tank Area Grounding Plan SH 2 of 8 RECORD AS-BUILT R5	**As Builts**
289497-E-205 Gas Compressor Area Grounding Plan SH 5 of 8 RECORD AS-BUILT R4	289497-E-205 Gas Compressor Area Grounding Plan SH 5 of 8 RECORD AS-BUILT R4		4	289497-E-205 Gas Compressor Area Grounding Plan SH 5 of 8 RECORD AS-BUILT R4	**As Builts**
289497-E-205 Raw Water Storage Tank Area Grounding Plan SH 1 of 8 R5	289497-E-205 Raw Water Storage Tank Area Grounding Plan SH 1 of 8 R5		5	289497-E-205 Raw Water Storage Tank Area Grounding Plan SH 1 of 8 R5	**As Builts**
289497-E-205 Warehouse & Operations Building Area Grounding Plan SH 4 of 8 RECORD AS-BUILT R5	289497-E-205 Warehouse & Operations Building Area Grounding Plan SH 4 of 8 RECORD AS-BUILT R5		5	289497-E-205 Warehouse & Operations Building Area Grounding Plan SH 4 of 8 RECORD AS-BUILT R5	**As Builts**
289497-E-205 Waste Water Treatment Area Grounding Plan SH 3 of 8 RECORD AS-BUILT R5	289497-E-205 Waste Water Treatment Area Grounding Plan SH 3 of 8 RECORD AS-BUILT R5		5	289497-E-205 Waste Water Treatment Area Grounding Plan SH 3 of 8 RECORD AS-BUILT R5	**As Builts**
289497-E-205 Well Water Pump 1 Area Grounding Plan SH 7 of 8 RECORD AS BUILT R3	289497-E-205 Well Water Pump 1 Area Grounding Plan SH 7 of 8 RECORD AS BUILT R3		3	289497-E-205 Well Water Pump 1 Area Grounding Plan SH 7 of 8 RECORD AS BUILT R3	**As Builts**

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

289497-E-205 Zero Level Discharge Grounding Elevation SH 8 of 8 RECORD AS-BUILT R1	289497-E-205 Zero Level Discharge Grounding Elevation SH 8 of 8 RECORD AS-BUILT R1		1	289497-E-205 Zero Level Discharge Grounding Elevation SH 8 of 8 RECORD AS-BUILT R1	**As Builts**
289497-E-303 Switchyard Control Shelter Mods RECORD AS-BUILT R2	289497-E-303 Switchyard Control Shelter Mods RECORD AS-BUILT R2		2	289497-E-303 Switchyard Control Shelter Mods RECORD AS-BUILT R2	**As Builts**
289497-E-305 Elec Equip Location Plan RECORD AS-BUILT R2	289497-E-305 Elec Equip Location Plan RECORD AS-BUILT R2		2	289497-E-305 Elec Equip Location Plan RECORD AS-BUILT R2	**As Builts**
289497-E-310 Generator Leads Open Aluminum Bus Elevations SH 3 of 4 RECORD AS-BUILT R1	289497-E-310 Generator Leads Open Aluminum Bus Elevations SH 3 of 4 RECORD AS-BUILT R1		1	289497-E-310 Generator Leads Open Aluminum Bus Elevations SH 3 of 4 RECORD AS-BUILT R1	**As Builts**
289497-E-310 Generator Leads Open Aluminum Bus Plan SH 1 of 4 RECORD AS-BUILT R1	289497-E-310 Generator Leads Open Aluminum Bus Plan SH 1 of 4 RECORD AS-BUILT R1		1	289497-E-310 Generator Leads Open Aluminum Bus Plan SH 1 of 4 RECORD AS-BUILT R1	**As Builts**
289497-E-310 Generator Leads Open Aluminum Bus Section A SH 2 of 4 RECORD AS-BUILT R1	289497-E-310 Generator Leads Open Aluminum Bus Section A SH 2 of 4 RECORD AS-BUILT R1		1	289497-E-310 Generator Leads Open Aluminum Bus Section A SH 2 of 4 RECORD AS-BUILT R1	**As Builts**
289497-E-310 Generator Leads Open Aluminum Bus Section B SH 4 of 4 RECORD AS-BUILT R1	289497-E-310 Generator Leads Open Aluminum Bus Section B SH 4 of 4 RECORD AS-BUILT R1		1	289497-E-310 Generator Leads Open Aluminum Bus Section B SH 4 of 4 RECORD AS-BUILT R1	**As Builts**
289497-E-311 Non-Seg Bus & 5kV SWGR Detail SH2 of 2 RECORD AS-BUILT R1	289497-E-311 Non-Seg Bus & 5kV SWGR Detail SH2 of 2 RECORD AS-BUILT R1		1	289497-E-311 Non-Seg Bus & 5kV SWGR Detail SH2 of 2 RECORD AS-BUILT R1	**As Builts**
289497-E-311 Non-Seg Bus & 5kV SWGR Plan As Noted RECORD AS-BUILT R1	289497-E-311 Non-Seg Bus & 5kV SWGR Plan As Noted RECORD AS-BUILT R1		1	289497-E-311 Non-Seg Bus & 5kV SWGR Plan As Noted RECORD AS-BUILT R1	**As Builts**
289497-E-312 Electrical Overall Underground Raceway Plans RECORD AS-BUILT R0	289497-E-312 Electrical Overall Underground Raceway Plans RECORD AS-BUILT R0		0	289497-E-312 Electrical Overall Underground Raceway Plans RECORD AS-BUILT R0	**As Builts**
289497-E-370 Switchyard Layout RECORD AS-BUILT R0	289497-E-370 Switchyard Layout RECORD AS-BUILT R0		0	289497-E-370 Switchyard Layout RECORD AS-BUILT R0	**As Builts**
289497-E-401 Elec Overall UG Raceway PlansRECORD AS-BUILT R3	289497-E-401 Elec Overall UG Raceway PlansRECORD AS-BUILT R3		3	289497-E-401 Elec Overall UG Raceway PlansRECORD AS-BUILT R3	**As Builts**
289497-E-404 Elec Unit 1 UG Raceway	289497-E-404 Elec		5	289497-E-404 Elec Unit 1	**As Builts**

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

Plan SH 1 of 13 RECORD AS-BUILT R5	Unit 1 UG Raceway Plan SH 1 of 13 RECORD AS-BUILT R5			UG Raceway Plan SH 1 of 13 RECORD AS-BUILT R5	
289497-E-404 Elec Unit 2 UG Raceway Plan SH 2 of 13 RECORD AS-BUILT R5	289497-E-404 Elec Unit 2 UG Raceway Plan SH 2 of 13 RECORD AS-BUILT R5		5	289497-E-404 Elec Unit 2 UG Raceway Plan SH 2 of 13 RECORD AS-BUILT R5	As Builts
289497-E-404 Elec Unit 3 UG Raceway Plan SH 3 of 13 RECORD AS-BUILT R5	289497-E-404 Elec Unit 3 UG Raceway Plan SH 3 of 13 RECORD AS-BUILT R5		5	289497-E-404 Elec Unit 3 UG Raceway Plan SH 3 of 13 RECORD AS-BUILT R5	As Builts
289497-E-404 Elec Unit 4 UG Raceway Plan SH 4 of 13 RECORD AS-BUILT R6	289497-E-404 Elec Unit 4 UG Raceway Plan SH 4 of 13 RECORD AS-BUILT R6		6	289497-E-404 Elec Unit 4 UG Raceway Plan SH 4 of 13 RECORD AS-BUILT R6	As Builts
289497-E-404 Elec Unit 5 UG Raceway Plan SH 5 of 13 RECORD AS-BUILT R6	289497-E-404 Elec Unit 5 UG Raceway Plan SH 5 of 13 RECORD AS-BUILT R6		6	289497-E-404 Elec Unit 5 UG Raceway Plan SH 5 of 13 RECORD AS-BUILT R6	As Builts
289497-E-404 Elec Unit 6 UG Raceway Plan SH 6 of 13 RECORD AS-BUILT R5	289497-E-404 Elec Unit 6 UG Raceway Plan SH 6 of 13 RECORD AS-BUILT R5		5	289497-E-404 Elec Unit 6 UG Raceway Plan SH 6 of 13 RECORD AS-BUILT R5	As Builts
289497-E-404 Elec Unit 7 UG Raceway Plan SH 7 of 13 RECORD AS-BUILT R5	289497-E-404 Elec Unit 7 UG Raceway Plan SH 7 of 13 RECORD AS-BUILT R5		5	289497-E-404 Elec Unit 7 UG Raceway Plan SH 7 of 13 RECORD AS-BUILT R5	As Builts
289497-E-404 Elec Unit 8 UG Raceway Plan SH 8 of 13 RECORD AS-BUILT R5	289497-E-404 Elec Unit 8 UG Raceway Plan SH 8 of 13 RECORD AS-BUILT R5		5	289497-E-404 Elec Unit 8 UG Raceway Plan SH 8 of 13 RECORD AS-BUILT R5	As Builts
289497-E-404 UG Conduit Sect and Det SH 9 of 13 RECORD AS-BUILT R6	289497-E-404 UG Conduit Sect and Det SH 9 of 13 RECORD AS-BUILT R6		6	289497-E-404 UG Conduit Sect and Det SH 9 of 13 RECORD AS-BUILT R6	As Builts
289497-E-404 UG Conduit Sect and Det SH 11 of 13 RECORD AS-BUILT R4	289497-E-404 UG Conduit Sect and Det SH 11 of 13 RECORD AS-BUILT R4		4	289497-E-404 UG Conduit Sect and Det SH 11 of 13 RECORD AS-BUILT R4	As Builts
289497-E-404 UG Conduit Sect and Det SH 12 of 13 RECORD AS-BUILT R3	289497-E-404 UG Conduit Sect and Det SH 12 of 13 RECORD AS-BUILT R3		3	289497-E-404 UG Conduit Sect and Det SH 12 of 13 RECORD AS-BUILT R3	As Builts
289497-E-404 UGConduit Sect and Det SH 10 of 13 RECORD AS-BUILT R6	289497-E-404 UGConduit Sect and Det SH 10 of 13 RECORD AS-BUILT R6		6	289497-E-404 UGConduit Sect and Det SH 10 of 13 RECORD AS-BUILT R6	As Builts
289497-E-404 Well Water Pump 2 UG RW Plan SH 13 of 13 RECORD AS-BUILT R5	289497-E-404 Well Water Pump 2 UG RW Plan SH 13 of 13 RECORD AS-BUILT R5		5	289497-E-404 Well Water Pump 2 UG RW Plan SH 13 of 13 RECORD AS-BUILT R5	As Builts
289497-E-405 BOP Area Underground Raceway Sections SH 7 of 11 RECORD	289497-E-405 BOP Area Underground		7	289497-E-405 BOP Area Underground Raceway	As Builts

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

AS-BUILT R7	Raceway Sections SH 7 of 11 RECORD AS-BUILT R7			Sections SH 7 of 11 RECORD AS-BUILT R7	
289497-E-405 BOP Area Underground Raceway Sections SH 8 of 11 RECORD AS-BUILT R5	289497-E-405 BOP Area Underground Raceway Sections SH 8 of 11 RECORD AS-BUILT R5		5	289497-E-405 BOP Area Underground Raceway Sections SH 8 of 11 RECORD AS-BUILT R5	**As Builts**
289497-E-405 BOP Area Underground Raceway Sections SH 9 of 11 RECORD AS-BUILT R7	289497-E-405 BOP Area Underground Raceway Sections SH 9 of 11 RECORD AS-BUILT R7		7	289497-E-405 BOP Area Underground Raceway Sections SH 9 of 11 RECORD AS-BUILT R7	**As Builts**
289497-E-405 Demin Water Storage Tank Underground Raceway Plan SH 2 of 11 RECORD AS-BUILT R6	289497-E-405 Demin Water Storage Tank Underground Raceway Plan SH 2 of 11 RECORD AS-BUILT R6		6	289497-E-405 Demin Water Storage Tank Underground Raceway Plan SH 2 of 11 RECORD AS-BUILT R6	**As Builts**
289497-E-405 Electrical Ammonia Storage Area Underground Raceway Plan SH 6 of 11 RECORD AS-BUILT R5	289497-E-405 Electrical Ammonia Storage Area Underground Raceway Plan SH 6 of 11 RECORD AS-BUILT R5		5	289497-E-405 Electrical Ammonia Storage Area Underground Raceway Plan SH 6 of 11 RECORD AS-BUILT R5	**As Builts**
289497-E-405 Electrical Gas Compressor Area Underground Raceway Plan SH 5 of 11 RECORD AS-BUILT R5	289497-E-405 Electrical Gas Compressor Area Underground Raceway Plan SH 5 of 11 RECORD AS-BUILT R5		5	289497-E-405 Electrical Gas Compressor Area Underground Raceway Plan SH 5 of 11 RECORD AS-BUILT R5	**As Builts**
289497-E-405 Electrical Raw Water Storage Tank Area Underground Raceway Plan SH 1 of 11 RECORD AS-BUILT R6	289497-E-405 Electrical Raw Water Storage Tank Area Underground Raceway Plan SH 1 of 11 RECORD AS-BUILT R6		6	289497-E-405 Electrical Raw Water Storage Tank Area Underground Raceway Plan SH 1 of 11 RECORD AS-BUILT R6	**As Builts**
289497-E-405 Electrical Warehouse Area Underground Raceway Plan SH 4of 11 RECORD AS-BUILT R9	289497-E-405 Electrical Warehouse Area Underground Raceway Plan SH 4of 11 RECORD AS-BUILT R9		9	289497-E-405 Electrical Warehouse Area Underground Raceway Plan SH 4of 11 RECORD AS-BUILT R9	**As Builts**
289497-E-405 Electrical Waste Water Treatment Area Underground Raceway Plan SH 3 of 11 RECORD AS-BUILT R6	289497-E-405 Electrical Waste Water Treatment Area Underground Raceway Plan SH 3 of 11 RECORD AS-BUILT R6		6	289497-E-405 Electrical Waste Water Treatment Area Underground Raceway Plan SH 3 of 11 RECORD AS-BUILT R6	**As Builts**

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

289497-E-405 Well Water Pump 1 BOP Area Underground Raceway SH 10 of 11 RECORD AS-BUILT R6	289497-E-405 Well Water Pump 1 BOP Area Underground Raceway SH 10 of 11 RECORD AS-BUILT R6		6	289497-E-405 Well Water Pump 1 BOP Area Underground Raceway SH 10 of 11 RECORD AS-BUILT R6	**As Builts**
289497-E-711 Schematic Wiring Diagram 5kV Contactor SH 1 of 3 RECORD AS-BUILT R3	289497-E-711 Schematic Wiring Diagram 5kV Contactor SH 1 of 3 RECORD AS-BUILT R3		3	289497-E-711 Schematic Wiring Diagram 5kV Contactor SH 1 of 3 RECORD AS-BUILT R3	**As Builts**
289497-E-711 Schematic Wiring Diagram Air Compressor Motor Starter SH 3 of 3 RECORD AS-BUILT R2	289497-E-711 Schematic Wiring Diagram Air Compressor Motor Starter SH 3 of 3 RECORD AS-BUILT R2		2	289497-E-711 Schematic Wiring Diagram Air Compressor Motor Starter SH 3 of 3 RECORD AS-BUILT R2	**As Builts**
289497-E-711 Schematic Wiring Diagram Typical Motor Starter SH 2 of 3 RECORD AS-BUILT R2	289497-E-711 Schematic Wiring Diagram Typical Motor Starter SH 2 of 3 RECORD AS-BUILT R2		2	289497-E-711 Schematic Wiring Diagram Typical Motor Starter SH 2 of 3 RECORD AS-BUILT R2	**As Builts**
289497-E-712 5kV SWGR Schematic Wiring Diagram Feeder Breaker (Typ.) SH 4 of 4 RECORD AS-BUILT R1	289497-E-712 5kV SWGR Schematic Wiring Diagram Feeder Breaker (Typ.) SH 4 of 4 RECORD AS-BUILT R1		1	289497-E-712 5kV SWGR Schematic Wiring Diagram Feeder Breaker (Typ.) SH 4 of 4 RECORD AS-BUILT R1	**As Builts**
289497-E-712 5kV SWGR Schematic Wiring Diagram Main Breaker A SH 1 of 4 RECORD AS-BUILT R2	289497-E-712 5kV SWGR Schematic Wiring Diagram Main Breaker A SH 1 of 4 RECORD AS-BUILT R2		2	289497-E-712 5kV SWGR Schematic Wiring Diagram Main Breaker A SH 1 of 4 RECORD AS-BUILT R2	**As Builts**
289497-E-712 5kV SWGR Schematic Wiring Diagram Main Breaker B SH 2 of 4 RECORD AS-BUILT R2	289497-E-712 5kV SWGR Schematic Wiring Diagram Main Breaker B SH 2 of 4 RECORD AS-BUILT R2		2	289497-E-712 5kV SWGR Schematic Wiring Diagram Main Breaker B SH 2 of 4 RECORD AS-BUILT R2	**As Builts**
289497-E-712 5kV SWGR Schematic Wiring Diagram Tie Breaker SH 3 of 4 RECORD AS-BUILT R1	289497-E-712 5kV SWGR Schematic Wiring Diagram Tie Breaker SH 3 of 4 RECORD AS-BUILT R1		1	289497-E-712 5kV SWGR Schematic Wiring Diagram Tie Breaker SH 3 of 4 RECORD AS-BUILT R1	**As Builts**

Mott MacDonald

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

Sentinel-1678-MM-Electrical-As-Builts

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**April 26, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Electrical As-Builts	

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**

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: **As-Builts**

Mott MacDonald

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

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-E-371 A Frame Structure SH 5 of 5 RECORD AS-BUILT R0	289497-E-371 A Frame Structure SH 5 of 5 RECORD AS-BUILT R0		0	289497-E-371 A Frame Structure SH 5 of 5 RECORD AS-BUILT R0	As Builts
289497-E-371 Deadend Structure SH 3 of 5 RECORD AS-BUILT R0	289497-E-371 Deadend Structure SH 3 of 5 RECORD AS-BUILT R0		0	289497-E-371 Deadend Structure SH 3 of 5 RECORD AS-BUILT R0	As Builts
289497-E-371 Suspension Structure SH 4 of 5 RECORD AS-BUILT R0	289497-E-371 Suspension Structure SH 4 of 5 RECORD AS-BUILT R0		0	289497-E-371 Suspension Structure SH 4 of 5 RECORD AS-BUILT R0	As Builts
289497-E-371 Switchyard Section SH 1 of 5 RECORD AS-BUILT R0	289497-E-371 Switchyard Section SH 1 of 5 RECORD AS-BUILT R0		0	289497-E-371 Switchyard Section SH 1 of 5 RECORD AS-BUILT R0	As Builts
289497-E-371 Switchyard Section SH 2 of 5 RECORD AS-BUILT R0	289497-E-371 Switchyard Section SH 2 of 5 RECORD AS-BUILT R0		0	289497-E-371 Switchyard Section SH 2 of 5 RECORD AS-BUILT R0	As Builts
289497-E-373 Switchyard Control Building Plans RECORD AS-BUILT R0	289497-E-373 Switchyard Control Building Plans RECORD AS-BUILT R0		0	289497-E-373 Switchyard Control Building Plans RECORD AS-BUILT R0	As Builts
289497-E-403 Electrical GSU 1 Underground Raceway Plan SH 1 of 10 RECORD AS-BUILT R4	289497-E-403 Electrical GSU 1 Underground Raceway Plan SH 1 of 10 RECORD AS-BUILT R4		4	289497-E-403 Electrical GSU 1 Underground Raceway Plan SH 1 of 10 RECORD AS-BUILT R4	As Builts
289497-E-403 Electrical GSU 1-8 Underground Raceway Sections SH 9 of 10 RECORD AS-BUILT R3	289497-E-403 Electrical GSU 1-8 Underground Raceway Sections SH 9 of 10 RECORD AS-BUILT R3		3	289497-E-403 Electrical GSU 1-8 Underground Raceway Sections SH 9 of 10 RECORD AS-BUILT R3	As Builts
289497-E-403 Electrical GSU 2 Underground Raceway Plan SH 2 of 10 RECORD AS-BUILT R4	289497-E-403 Electrical GSU 2 Underground Raceway Plan SH 2 of 10 RECORD AS-BUILT R4		4	289497-E-403 Electrical GSU 2 Underground Raceway Plan SH 2 of 10 RECORD AS-BUILT R4	As Builts
289497-E-403 Electrical GSU 3	289497-E-403		4	289497-E-403 Electrical	As Builts

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

Underground Raceway Plan SH 3 of 10 RECORD AS-BUILT R4	Electrical GSU 3 Underground Raceway Plan SH 3 of 10 RECORD AS-BUILT R4			GSU 3 Underground Raceway Plan SH 3 of 10 RECORD AS-BUILT R4	
289497-E-403 Electrical GSU 4 Underground Raceway Plan SH 4 of 10 RECORD AS-BUILT R4	289497-E-403 Electrical GSU 4 Underground Raceway Plan SH 4 of 10 RECORD AS-BUILT R4		4	289497-E-403 Electrical GSU 4 Underground Raceway Plan SH 4 of 10 RECORD AS-BUILT R4	**As Builts**
289497-E-403 Electrical GSU 5 Station Service XFMR Underground Raceway Plan SH 5 of 10 RECORD AS-BUILT R5	289497-E-403 Electrical GSU 5 Station Service XFMR Underground Raceway Plan SH 5 of 10 RECORD AS-BUILT R5		5	289497-E-403 Electrical GSU 5 Station Service XFMR Underground Raceway Plan SH 5 of 10 RECORD AS-BUILT R5	**As Builts**
289497-E-403 Electrical GSU 6 Underground Raceway Plan SH 6 of 10 RECORD AS-BUILT R4	289497-E-403 Electrical GSU 6 Underground Raceway Plan SH 6 of 10 RECORD AS-BUILT R4		4	289497-E-403 Electrical GSU 6 Underground Raceway Plan SH 6 of 10 RECORD AS-BUILT R4	**As Builts**
289497-E-403 Electrical GSU 7 Underground Raceway Plan SH 7 of 10 RECORD AS-BUILT R4	289497-E-403 Electrical GSU 7 Underground Raceway Plan SH 7 of 10 RECORD AS-BUILT R4		4	289497-E-403 Electrical GSU 7 Underground Raceway Plan SH 7 of 10 RECORD AS-BUILT R4	**As Builts**
289497-E-403 Electrical GSU 8 Underground Raceway Plan SH 8 of 10 RECORD AS-BUILT R4	289497-E-403 Electrical GSU 8 Underground Raceway Plan SH 8 of 10 RECORD AS-BUILT R4		4	289497-E-403 Electrical GSU 8 Underground Raceway Plan SH 8 of 10 RECORD AS-BUILT R4	**As Builts**
289497-E-403 Electrical Station Service XFMR Sections SH 10 of 10 RECORD AS-BUILT R4	289497-E-403 Electrical Station Service XFMR Sections SH 10 of 10 RECORD AS-BUILT R4		4	289497-E-403 Electrical Station Service XFMR Sections SH 10 of 10 RECORD AS-BUILT R4	**As Builts**
289497-E-500 Electrical Overall Aboveground Raceway Details RECORD AS-BUILT R1	289497-E-500 Electrical Overall Aboveground Raceway Details RECORD AS-BUILT R1		1	289497-E-500 Electrical Overall Aboveground Raceway Details RECORD AS-BUILT R1	**As Builts**
289497-E-501 Electrical Overall Aboveground Raceway Plans RECORD AS-BUILT R0	289497-E-501 Electrical Overall Aboveground Raceway Plans RECORD AS-BUILT R0		0	289497-E-501 Electrical Overall Aboveground Raceway Plans RECORD AS-BUILT R0	**As Builts**
289497-E-503 Electrical Aboveground Raceway 5 kV Switchgear Area RECORD	289497-E-503 Electrical		1	289497-E-503 Electrical Aboveground Raceway 5 kV	**As Builts**

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

AS-BUILT R1	Aboveground Raceway 5 kV Switchgear Area RECORD AS-BUILT R1			Switchgear Area RECORD AS-BUILT R1	
289497-E-504 Electrical Unit 1 Aboveground Raceway SH 1 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 1 Aboveground Raceway SH 1 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 1 Aboveground Raceway SH 1 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 2 Aboveground Raceway SH 2 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 2 Aboveground Raceway SH 2 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 2 Aboveground Raceway SH 2 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 3 Aboveground Raceway SH 3 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 3 Aboveground Raceway SH 3 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 3 Aboveground Raceway SH 3 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 4 Aboveground Raceway SH 4 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 4 Aboveground Raceway SH 4 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 4 Aboveground Raceway SH 4 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 5 Aboveground Raceway SH 5 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 5 Aboveground Raceway SH 5 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 5 Aboveground Raceway SH 5 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 6 Aboveground Raceway SH 6 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 6 Aboveground Raceway SH 6 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 6 Aboveground Raceway SH 6 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 7 Aboveground Raceway SH 7 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 7 Aboveground Raceway SH 7 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 7 Aboveground Raceway SH 7 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 8 Aboveground Raceway SH 8 to 9 RECORD AS-BUILT R2	289497-E-504 Electrical Unit 8 Aboveground Raceway SH 8 to 9 RECORD AS-BUILT R2		2	289497-E-504 Electrical Unit 8 Aboveground Raceway SH 8 to 9 RECORD AS-BUILT R2	**As Builts**
289497-E-504 Electrical Unit 9 Aboveground Raceway SH 9 to 9 RECORD AS-BUILT R3	289497-E-504 Electrical Unit 9 Aboveground Raceway SH 9 to 9 RECORD AS-BUILT R3		3	289497-E-504 Electrical Unit 9 Aboveground Raceway SH 9 to 9 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Aux-Skid Part Plant Power Elevation SH 9 of 10 RECORD AS-BUILT R1	289497-E-505 Electrical Aux-Skid Part Plant Power Elevation SH 9 of 10		1	289497-E-505 Electrical Aux-Skid Part Plant Power Elevation SH 9 of 10 RECORD AS-BUILT R1	**As Builts**

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

	RECORD AS-BUILT R1				
289497-E-505 Electrical Aux-Skid Part Plant Power Elevation SH 10 of 10 RECORD AS-BUILT R1	289497-E-505 Electrical Aux-Skid Part Plant Power Elevation SH 10 of 10 RECORD AS-BUILT R1		1	289497-E-505 Electrical Aux-Skid Part Plant Power Elevation SH 10 of 10 RECORD AS-BUILT R1	**As Builts**
289497-E-505 Electrical Unit 1 Aboveground Power Conduit Plan SH 1 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 1 Aboveground Power Conduit Plan SH 1 of 10 RECORD AS-BUILT R3		3	289497-E-505 Electrical Unit 1 Aboveground Power Conduit Plan SH 1 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Unit 2 Aboveground Power Conduit Plan SH 2 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 2 Aboveground Power Conduit Plan SH 2 of 10 RECORD AS-BUILT R3		3	289497-E-505 Electrical Unit 2 Aboveground Power Conduit Plan SH 2 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Unit 3 Aboveground Power Conduit Plan SH 3 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 3 Aboveground Power Conduit Plan SH 3 of 10 RECORD AS-BUILT R3		3	289497-E-505 Electrical Unit 3 Aboveground Power Conduit Plan SH 3 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Unit 4 Aboveground Power Conduit Plan SH 4 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 4 Aboveground Power Conduit Plan SH 4 of 10 RECORD AS-BUILT R3		3	289497-E-505 Electrical Unit 4 Aboveground Power Conduit Plan SH 4 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Unit 5 Aboveground Power Conduit Plan SH 5 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 5 Aboveground Power Conduit Plan SH 5 of 10 RECORD AS-BUILT R3		3	289497-E-505 Electrical Unit 5 Aboveground Power Conduit Plan SH 5 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Unit 6 Aboveground Power Conduit Plan SH 6 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 6 Aboveground Power Conduit Plan SH 6 of 10 RECORD AS-BUILT R3		3	289497-E-505 Electrical Unit 6 Aboveground Power Conduit Plan SH 6 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Unit 7 Aboveground Power Conduit Plan SH 7 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 7 Aboveground Power Conduit Plan SH 7 of 10 RECORD AS-BUILT R3		3	289497-E-505 Electrical Unit 7 Aboveground Power Conduit Plan SH 7 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-505 Electrical Unit 8 Aboveground Power Conduit Plan SH 8 of 10 RECORD AS-BUILT R3	289497-E-505 Electrical Unit 8 Aboveground Power Conduit Plan SH 8 of 10 RECORD AS-BUILT		3	289497-E-505 Electrical Unit 8 Aboveground Power Conduit Plan SH 8 of 10 RECORD AS-BUILT R3	**As Builts**

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

	R3				
289497-E-506 Electrical Aux-Skid Part Plan Control Elevation SH 9 of 10 RECORD AS-BUILT R1	289497-E-506 Electrical Aux-Skid Part Plan Control Elevation SH 9 of 10 RECORD AS-BUILT R1		1	289497-E-506 Electrical Aux-Skid Part Plan Control Elevation SH 9 of 10 RECORD AS-BUILT R1	**As Builts**
289497-E-506 Electrical Aux-Skid Part Plan Control Elevation SH 10 of 10 RECORD AS-BUILT R1	289497-E-506 Electrical Aux-Skid Part Plan Control Elevation SH 10 of 10 RECORD AS-BUILT R1		1	289497-E-506 Electrical Aux-Skid Part Plan Control Elevation SH 10 of 10 RECORD AS-BUILT R1	**As Builts**
289497-E-506 Electrical Unit 1 Aboveground Control Conduit Plan SH 1 of 10 RECORD AS-BUILT R3	289497-E-506 Electrical Unit 1 Aboveground Control Conduit Plan SH 1 of 10 RECORD AS-BUILT R3		3	289497-E-506 Electrical Unit 1 Aboveground Control Conduit Plan SH 1 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-506 Electrical Unit 2 Aboveground Control Conduit Plan SH 2 of 10 RECORD AS-BUILT R3	289497-E-506 Electrical Unit 2 Aboveground Control Conduit Plan SH 2 of 10 RECORD AS-BUILT R3		3	289497-E-506 Electrical Unit 2 Aboveground Control Conduit Plan SH 2 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-506 Electrical Unit 3 Aboveground Control Conduit Plan SH 3 of 10 RECORD AS-BUILT R3	289497-E-506 Electrical Unit 3 Aboveground Control Conduit Plan SH 3 of 10 RECORD AS-BUILT R3		3	289497-E-506 Electrical Unit 3 Aboveground Control Conduit Plan SH 3 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-506 Electrical Unit 4 Aboveground Control Conduit Plan SH 4 of 10 RECORD AS-BUILT R3	289497-E-506 Electrical Unit 4 Aboveground Control Conduit Plan SH 4 of 10 RECORD AS-BUILT R3		3	289497-E-506 Electrical Unit 4 Aboveground Control Conduit Plan SH 4 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-506 Electrical Unit 5 Aboveground Control Conduit Plan SH 5 of 10 RECORD AS-BUILT R3.pdf	289497-E-506 Electrical Unit 5 Aboveground Control Conduit Plan SH 5 of 10 RECORD AS-BUILT R3.pdf		3	289497-E-506 Electrical Unit 5 Aboveground Control Conduit Plan SH 5 of 10 RECORD AS-BUILT R3.pdf	**As Builts**
289497-E-506 Electrical Unit 6 Aboveground Control Conduit Plan SH 6 of 10 RECORD AS-BUILT R3	289497-E-506 Electrical Unit 6 Aboveground Control Conduit Plan SH 6 of 10 RECORD AS-BUILT R3		3	289497-E-506 Electrical Unit 6 Aboveground Control Conduit Plan SH 6 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-506 Electrical Unit 7 Aboveground Control Conduit Plan SH 7 of 10 RECORD AS-BUILT R3	289497-E-506 Electrical Unit 7 Aboveground Control Conduit Plan SH 7 of 10 RECORD AS-BUILT R3		3	289497-E-506 Electrical Unit 7 Aboveground Control Conduit Plan SH 7 of 10 RECORD AS-BUILT R3	**As Builts**

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

289497-E-506 Electrical Unit 8 Aboveground Control Conduit Plan SH 8 of 10 RECORD AS-BUILT R3	289497-E-506 Electrical Unit 8 Aboveground Control Conduit Plan SH 8 of 10 RECORD AS-BUILT R3		3	289497-E-506 Electrical Unit 8 Aboveground Control Conduit Plan SH 8 of 10 RECORD AS-BUILT R3	**As Builts**
289497-E-507 Electrical Aux-Skid Part Plan Instrumentation Ele SH9 of 10 RECORD AS-BUILT R1	289497-E-507 Electrical Aux-Skid Part Plan Instrumentation Ele SH9 of 10 RECORD AS-BUILT R1		1	289497-E-507 Electrical Aux-Skid Part Plan Instrumentation Ele SH9 of 10 RECORD AS-BUILT R1	**As Builts**
289497-E-507 Electrical Aux-Skid Part Plan Instrumentation Ele SH10 of 10 RECORD AS-BUILT R1	289497-E-507 Electrical Aux-Skid Part Plan Instrumentation Ele SH10 of 10 RECORD AS-BUILT R1		1	289497-E-507 Electrical Aux-Skid Part Plan Instrumentation Ele SH10 of 10 RECORD AS-BUILT R1	**As Builts**
289497-E-507 Electrical Unit 1 Aboveground Instrumentation Conduit Plan SH 1 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 1 Aboveground Instrumentation Conduit Plan SH 1 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 1 Aboveground Instrumentation Conduit Plan SH 1 of 10 RECORD AS-BUILT R2	**As Builts**
289497-E-507 Electrical Unit 2 Aboveground Instrumentation Conduit Plan SH 2 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 2 Aboveground Instrumentation Conduit Plan SH 2 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 2 Aboveground Instrumentation Conduit Plan SH 2 of 10 RECORD AS-BUILT R2	**As Builts**
289497-E-507 Electrical Unit 3 Aboveground Instrumentation Conduit Plan SH 3 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 3 Aboveground Instrumentation Conduit Plan SH 3 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 3 Aboveground Instrumentation Conduit Plan SH 3 of 10 RECORD AS-BUILT R2	**As Builts**
289497-E-507 Electrical Unit 4 Aboveground Instrumentation Conduit Plan SH 4 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 4 Aboveground Instrumentation Conduit Plan SH 4 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 4 Aboveground Instrumentation Conduit Plan SH 4 of 10 RECORD AS-BUILT R2	**As Builts**
289497-E-507 Electrical Unit 5 Aboveground Instrumentation Conduit Plan SH 5 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 5 Aboveground Instrumentation Conduit Plan SH 5 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 5 Aboveground Instrumentation Conduit Plan SH 5 of 10 RECORD AS-BUILT R2	**As Builts**

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

289497-E-507 Electrical Unit 6 Aboveground Instrumentation Conduit Plan SH 6 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 6 Aboveground Instrumentation Conduit Plan SH 6 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 6 Aboveground Instrumentation Conduit Plan SH 6 of 10 RECORD AS-BUILT R2	**As Builts**
289497-E-507 Electrical Unit 7 Aboveground Instrumentation Conduit Plan SH 7 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 7 Aboveground Instrumentation Conduit Plan SH 7 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 7 Aboveground Instrumentation Conduit Plan SH 7 of 10 RECORD AS-BUILT R2	**As Builts**
289497-E-507 Electrical Unit 8 Aboveground Instrumentation Conduit Plan SH 8 of 10 RECORD AS-BUILT R2	289497-E-507 Electrical Unit 8 Aboveground Instrumentation Conduit Plan SH 8 of 10 RECORD AS-BUILT R2		2	289497-E-507 Electrical Unit 8 Aboveground Instrumentation Conduit Plan SH 8 of 10 RECORD AS-BUILT R2	**As Builts**
289497-E-508 Electrical BOP Area Aboveground Sections SH 7 of 8 RECORD AS-BUILT R2	289497-E-508 Electrical BOP Area Aboveground Sections SH 7 of 8 RECORD AS-BUILT R2		2	289497-E-508 Electrical BOP Area Aboveground Sections SH 7 of 8 RECORD AS-BUILT R2	**As Builts**
289497-E-508 Electrical BOP Area Aboveground Sections SH 8 of 8 RECORD AS-BUILT R2	289497-E-508 Electrical BOP Area Aboveground Sections SH 8 of 8 RECORD AS-BUILT R2		2	289497-E-508 Electrical BOP Area Aboveground Sections SH 8 of 8 RECORD AS-BUILT R2	**As Builts**
289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 1 of 8 RECORD AS-BUILT R1	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 1 of 8 RECORD AS-BUILT R1		1	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 1 of 8 RECORD AS-BUILT R1	**As Builts**
289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 2 of 8 RECORD AS-BUILT R2	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 2 of 8 RECORD AS-BUILT R2		2	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 2 of 8 RECORD AS-BUILT R2	**As Builts**
289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 3 of 8 RECORD AS-BUILT R2	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 3 of 8 RECORD AS-BUILT R2		2	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 3 of 8 RECORD AS-BUILT R2	**As Builts**
289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 4 of 8 RECORD AS-BUILT R2	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 4 of 8 RECORD AS-BUILT R2		2	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 4 of 8 RECORD AS-BUILT R2	**As Builts**
289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 5 of 8	289497-E-508 Electrical BOP Area		1	289497-E-508 Electrical BOP Area Aboveground Tray	**As Builts**

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

RECORD AS-BUILT R1	Aboveground Tray Plan SH 5 of 8 RECORD AS-BUILT R1			Plan SH 5 of 8 RECORD AS-BUILT R1	
289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 6 of 8 RECORD AS-BUILT R1	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 6 of 8 RECORD AS-BUILT R1		1	289497-E-508 Electrical BOP Area Aboveground Tray Plan SH 6 of 8 RECORD AS-BUILT R1	**As Builts**
289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH1 of 6 RECORD AS-BUILT R3	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH1 of 6 RECORD AS-BUILT R3		3	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH1 of 6 RECORD AS-BUILT R3	**As Builts**
289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH2 of 6 RECORD AS-BUILT R2	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH2 of 6 RECORD AS-BUILT R2		2	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH2 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH3 of 6 RECORD AS-BUILT R3	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH3 of 6 RECORD AS-BUILT R3		3	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH3 of 6 RECORD AS-BUILT R3	**As Builts**
289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH4 of 6 RECORD AS-BUILT R2	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH4 of 6 RECORD AS-BUILT R2		2	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH4 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH5 of 6 RECORD AS-BUILT R4	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH5 of 6 RECORD AS-BUILT R4		4	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH5 of 6 RECORD AS-BUILT R4	**As Builts**
289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH6 of 6 RECORD AS-BUILT R2	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH6 of 6 RECORD AS-BUILT R2		2	289497-E-509 Electrical BOP Area Aboveground Power Conduit Plan SH6 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 1 of 6 RECORD AS-BUILT R2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 1 of 6 RECORD AS-BUILT R2		2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 1 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 2 of 6 RECORD AS-BUILT R2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 2 of 6 RECORD AS-BUILT R2		2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 2 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 3 of 6 RECORD AS-BUILT R3	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 3 of 6 RECORD AS-BUILT R3		3	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 3 of 6 RECORD AS-BUILT R3	**As Builts**

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

289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 4 of 6 RECORD AS-BUILT R2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 4 of 6 RECORD AS-BUILT R2		2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 4 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 5 of 6 RECORD AS-BUILT R2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 5 of 6 RECORD AS-BUILT R2		2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 5 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 6 of 6 RECORD AS-BUILT R2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 6 of 6 RECORD AS-BUILT R2		2	289497-E-510 Electrical BOP Area Aboveground Control Conduit Plan SH 6 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 1 of 6 RECORD AS-BUILT R2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 1 of 6 RECORD AS-BUILT R2		2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 1 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 2 of 6 RECORD AS-BUILT R2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 2 of 6 RECORD AS-BUILT R2		2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 2 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 3 of 6 RECORD AS-BUILT R2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 3 of 6 RECORD AS-BUILT R2		2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 3 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 4 of 6 RECORD AS-BUILT R2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 4 of 6 RECORD AS-BUILT R2		2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 4 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 5 of 6 RECORD AS-BUILT R2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 5 of 6 RECORD AS-BUILT R2		2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 5 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 6 of 6 RECORD AS-BUILT R2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 6 of 6 RECORD AS-BUILT R2		2	289497-E-511 Electrical BOP Area Aboveground Instrumentation Conduit Plan SH 6 of 6 RECORD AS-BUILT R2	**As Builts**
289497-E-600 Electrical Lighting	289497-E-600		1	289497-E-600 Electrical	**As Builts**

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

Symbols, Details & Legend SH 1 of 2 RECORD AS-BUILT R1	Electrical Lighting Symbols, Details & Legend SH 1 of 2 RECORD AS-BUILT R1			Lighting Symbols, Details & Legend SH 1 of 2 RECORD AS-BUILT R1	
289497-E-600 Electrical Lighting Symbols, Details & Legend SH of 2 RECORD AS-BUILT R1	289497-E-600 Electrical Lighting Symbols, Details & Legend SH of 2 RECORD AS-BUILT R1		1	289497-E-600 Electrical Lighting Symbols, Details & Legend SH of 2 RECORD AS-BUILT R1	**As Builts**
289497-E-601 Electrical Polemounted Roadway Lighting RECORD AS-BUILT R1	289497-E-601 Electrical Polemounted Roadway Lighting RECORD AS-BUILT R1		1	289497-E-601 Electrical Polemounted Roadway Lighting RECORD AS-BUILT R1	**As Builts**
289497-E-602-01 Electrical Equip Mounted Lighting (Unit 1) RECORD AS-BUILT R1	289497-E-602-01 Electrical Equip Mounted Lighting (Unit 1) RECORD AS-BUILT R1		1	289497-E-602-01 Electrical Equip Mounted Lighting (Unit 1) RECORD AS-BUILT R1	**As Builts**
289497-E-602-02 Electrical Equip Mounted Lighting (Unit 2) RECORD AS-BUILT R1	289497-E-602-02 Electrical Equip Mounted Lighting (Unit 2) RECORD AS-BUILT R1		1	289497-E-602-02 Electrical Equip Mounted Lighting (Unit 2) RECORD AS-BUILT R1	**As Builts**
289497-E-602-03 Electrical Equip Mounted Lighting (Unit 3) RECORD AS-BUILT R1	289497-E-602-03 Electrical Equip Mounted Lighting (Unit 3) RECORD AS-BUILT R1		1	289497-E-602-03 Electrical Equip Mounted Lighting (Unit 3) RECORD AS-BUILT R1	**As Builts**
289497-E-602-04 Electrical Equip Mounted Lighting (Unit 4) RECORD AS-BUILT R1	289497-E-602-04 Electrical Equip Mounted Lighting (Unit 4) RECORD AS-BUILT R1		1	289497-E-602-04 Electrical Equip Mounted Lighting (Unit 4) RECORD AS-BUILT R1	**As Builts**
289497-E-602-05 Electrical Equip Mounted Lighting (Unit 5) RECORD AS-BUILT R1	289497-E-602-05 Electrical Equip Mounted Lighting (Unit 5) RECORD AS-BUILT R1		1	289497-E-602-05 Electrical Equip Mounted Lighting (Unit 5) RECORD AS-BUILT R1	**As Builts**
289497-E-602-06 Electrical Equip Mounted Lighting (Unit 6) RECORD AS-BUILT R1	289497-E-602-06 Electrical Equip Mounted Lighting (Unit 6) RECORD AS-BUILT R1		1	289497-E-602-06 Electrical Equip Mounted Lighting (Unit 6) RECORD AS-BUILT R1	**As Builts**
289497-E-602-07 Electrical Equip Mounted Lighting (Unit 7) RECORD AS-BUILT R1	289497-E-602-07 Electrical Equip Mounted Lighting (Unit 7) RECORD AS-BUILT R1		1	289497-E-602-07 Electrical Equip Mounted Lighting (Unit 7) RECORD AS-BUILT R1	**As Builts**
289497-E-602-08 Electrical Equip Mounted Lighting (Unit 8) RECORD AS-BUILT R1	289497-E-602-08 Electrical Equip Mounted Lighting		1	289497-E-602-08 Electrical Equip Mounted Lighting (Unit 8) RECORD AS-BUILT	**As Builts**

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

	(Unit 8) RECORD AS-BUILT R1			R1	
289497-E-603 ZLD Lighting SH 1 of 3 RECORD AS-BUILT R1	289497-E-603 ZLD Lighting SH 1 of 3 RECORD AS-BUILT R1		1	289497-E-603 ZLD Lighting SH 1 of 3 RECORD AS-BUILT R1	As Builts
289497-E-603 ZLD Lighting SH 2 of 3 RECORD AS-BUILT R1	289497-E-603 ZLD Lighting SH 2 of 3 RECORD AS-BUILT R1		1	289497-E-603 ZLD Lighting SH 2 of 3 RECORD AS-BUILT R1	As Builts
289497-E-603 ZLD Lighting SH 3 of 3 RECORD AS-BUILT R1	289497-E-603 ZLD Lighting SH 3 of 3 RECORD AS-BUILT R1		1	289497-E-603 ZLD Lighting SH 3 of 3 RECORD AS-BUILT R1	As Builts
289497-E-701 480v Fvnr Starter sz 1-4 SH 1 of 3 RECORD AS-BUILT R1	289497-E-701 480v Fvnr Starter sz 1-4 SH 1 of 3 RECORD AS-BUILT R1		1	289497-E-701 480v Fvnr Starter sz 1-4 SH 1 of 3 RECORD AS-BUILT R1	As Builts
289497-E-701 480v Fvnr Starter sz 5 SH 2 of 3 RECORD AS-BUILT R1	289497-E-701 480v Fvnr Starter sz 5 SH 2 of 3 RECORD AS-BUILT R1		1	289497-E-701 480v Fvnr Starter sz 5 SH 2 of 3 RECORD AS-BUILT R1	As Builts
289497-E-701 Heat Contactor SH 3 of 3 RECORD AS-BUILT R2	289497-E-701 Heat Contactor SH 3 of 3 RECORD AS-BUILT R2		2	289497-E-701 Heat Contactor SH 3 of 3 RECORD AS-BUILT R2	As Builts
289497-E-710 480V SWGR Schematic Diagram Feeder Breaker SH 4 of 4 RECORD AS-BUILT R1	289497-E-710 480V SWGR Schematic Diagram Feeder Breaker SH 4 of 4 RECORD AS-BUILT R1		1	289497-E-710 480V SWGR Schematic Diagram Feeder Breaker SH 4 of 4 RECORD AS-BUILT R1	As Builts
289497-E-710 480V SWGR Schematic Diagram Main Breaker A SH 1 of 4 RECORD AS-BUILT R1	289497-E-710 480V SWGR Schematic Diagram Main Breaker A SH 1 of 4 RECORD AS-BUILT R1		1	289497-E-710 480V SWGR Schematic Diagram Main Breaker A SH 1 of 4 RECORD AS-BUILT R1	As Builts
289497-E-710 480V SWGR Schematic Diagram Main Breaker B SH 2 of 4 RECORD AS-BUILT R1	289497-E-710 480V SWGR Schematic Diagram Main Breaker B SH 2 of 4 RECORD AS-BUILT R1		1	289497-E-710 480V SWGR Schematic Diagram Main Breaker B SH 2 of 4 RECORD AS-BUILT R1	As Builts
289497-E-710 480V SWGR Schematic Diagram Tie Breaker SH 3 of 4 RECORD AS-BUILT R1	289497-E-710 480V SWGR Schematic Diagram Tie Breaker SH 3 of 4 RECORD AS-BUILT R1		1	289497-E-710 480V SWGR Schematic Diagram Tie Breaker SH 3 of 4 RECORD AS-BUILT R1	As Builts
289497-E-713 Schematic Wire Diagram Manual Transfer Switch RECORD AS-BUILT R0	289497-E-713 Schematic Wire Diagram Manual Transfer Switch RECORD AS-BUILT R0		0	289497-E-713 Schematic Wire Diagram Manual Transfer Switch RECORD AS-BUILT R0	As Builts
289497-E-720 220kV Switchyard AC Schem GSU Prim Protect RECORD AS-BUILT R1	289497-E-720 220kV Switchyard AC Schem GSU Prim Protect RECORD AS-BUILT R1		1	289497-E-720 220kV Switchyard AC Schem GSU Prim Protect RECORD AS-BUILT R1	As Builts
289497-E-721 220kV Switchyard AC	289497-E-721 220kV		1	289497-E-721 220kV	As Builts

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

Schem GSU Prim Protect RECORD AS-BUILT R1	Switchyard AC Schem GSU Prim Protect RECORD AS-BUILT R1			Switchyard AC Schem GSU Prim Protect RECORD AS-BUILT R1	
289497-E-722 220kV Switchyard AC Schem Shark 100 Meter 1&2 RECORD AS-BUILT R1	289497-E-722 220kV Switchyard AC Schem Shark 100 Meter 1&2 RECORD AS-BUILT R1		1	289497-E-722 220kV Switchyard AC Schem Shark 100 Meter 1&2 RECORD AS-BUILT R1	**As Builts**
289497-E-723 220kV Switchyard AC Schem & Rev Meter RECORD AS-BUILT R1	289497-E-723 220kV Switchyard AC Schem & Rev Meter RECORD AS-BUILT R1		1	289497-E-723 220kV Switchyard AC Schem & Rev Meter RECORD AS-BUILT R1	**As Builts**
289497-E-724 220kV Switchyard Panel 2 Wiring RECORD AS-BUILT R1	289497-E-724 220kV Switchyard Panel 2 Wiring RECORD AS-BUILT R1		1	289497-E-724 220kV Switchyard Panel 2 Wiring RECORD AS-BUILT R1	**As Builts**
289497-E-725 220kV Switchyard Panel 3 Wiring RECORD AS-BUILT R1	289497-E-725 220kV Switchyard Panel 3 Wiring RECORD AS-BUILT R1		1	289497-E-725 220kV Switchyard Panel 3 Wiring RECORD AS-BUILT R1	**As Builts**
289497-E-726 220kV Switchyard Panel 4 Wiring RECORD AS-BUILT R1	289497-E-726 220kV Switchyard Panel 4 Wiring RECORD AS-BUILT R1		1	289497-E-726 220kV Switchyard Panel 4 Wiring RECORD AS-BUILT R1	**As Builts**
289497-E-727 220kV Switchyard Panel 5 Wiring RECORD AS-BUILT R1	289497-E-727 220kV Switchyard Panel 5 Wiring RECORD AS-BUILT R1		1	289497-E-727 220kV Switchyard Panel 5 Wiring RECORD AS-BUILT R1	**As Builts**
289497-E-800 Elec Fire Detect Plan RECORD AS-BUILT R1	289497-E-800 Elec Fire Detect Plan RECORD AS-BUILT R1		1	289497-E-800 Elec Fire Detect Plan RECORD AS-BUILT R1	**As Builts**

Mott MacDonald

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

Sentinel-1679-MM-CSA-As-Builts.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**April 29, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Structural As-Builts	

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: As-Builts

Mott MacDonald

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

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-S-141 - Cable Tray Supports for O&M BLDG RD	289497-S-141 - Cable Tray Supports for O&M BLDG RD		D	289497-S-141 - Cable Tray Supports for O&M BLDG RD	As Builts

Mott MacDonald

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

Sentinel-1680-MM-I&C-As-Builts.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**May 3, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: P&ID As-Builts	

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: As-Builts

Mott MacDonald

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

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-D-001-R3 P&I Diagram Legend & Symbols Sht 1	289497-D-001-R3 P&I Diagram Legend & Symbols Sht 1		3	289497-D-001-R3 P&I Diagram Legend & Symbols Sht 1	As Builts
289497-D-002-R1 P&I Diagram Legend & Symbols Sht 2	289497-D-002-R1 P&I Diagram Legend & Symbols Sht 2		1	289497-D-002-R1 P&I Diagram Legend & Symbols Sht 2	As Builts
289497-D-004-R1 P&I Diagram PCS Soft Pt List	289497-D-004-R1 P&I Diagram PCS Soft Pt List		1	289497-D-004-R1 P&I Diagram PCS Soft Pt List	As Builts
289497-D-007-R3 P&I Diagram FGS Metering Sht 1 of 8	289497-D-007-R3 P&I Diagram FGS Metering Sht 1 of 8		3	289497-D-007-R3 P&I Diagram FGS Metering Sht 1 of 8	As Builts
289497-D-008-R3 P&I Diagram FGS Compressor FGC-1A Sht 2 of 8	289497-D-008-R3 P&I Diagram FGS Compressor FGC-1A Sht 2 of 8		3	289497-D-008-R3 P&I Diagram FGS Compressor FGC-1A Sht 2 of 8	As Builts
289497-D-009-R3 P&I Diagram FGS Compressor FGC-1B Sht 3 of 8	289497-D-009-R3 P&I Diagram FGS Compressor FGC-1B Sht 3 of 8		3	289497-D-009-R3 P&I Diagram FGS Compressor FGC-1B Sht 3 of 8	As Builts
289497-D-010-R3 P&I Diagram FGS Compressor FGC-2A Sht 4 of 8	289497-D-010-R3 P&I Diagram FGS Compressor FGC-2A Sht 4 of 8		3	289497-D-010-R3 P&I Diagram FGS Compressor FGC-2A Sht 4 of 8	As Builts
289497-D-011-R3 P&I Diagram FGS Compressor FGC-2B Sht 5 of 8	289497-D-011-R3 P&I Diagram FGS Compressor FGC-2B Sht 5 of 8		3	289497-D-011-R3 P&I Diagram FGS Compressor FGC-2B Sht 5 of 8	As Builts
289497-D-012-R3 P&I Diagram FGS Compressor FGC-2C Sht 6 of 8	289497-D-012-R3 P&I Diagram FGS Compressor FGC-2C Sht 6 of 8		3	289497-D-012-R3 P&I Diagram FGS Compressor FGC-2C Sht 6 of 8	As Builts
289497-D-013-R3 P&I Diagram FGS Compressor FGC-2D Sht 7 of 8	289497-D-013-R3 P&I Diagram FGS Compressor FGC-2D Sht 7 of 8		3	289497-D-013-R3 P&I Diagram FGS Compressor FGC-2D Sht 7 of 8	As Builts
289497-D-014-R3 P&I Diagram FGS FG Filters Sht 8 of 8	289497-D-014-R3 P&I Diagram FGS FG Filters Sht 8 of 8		3	289497-D-014-R3 P&I Diagram FGS FG Filters Sht 8 of 8	As Builts
289497-D-015-R4 LMS100 Sht 1 of 4	289497-D-015-R4 LMS100 Sht 1 of 4		4	289497-D-015-R4 LMS100 Sht 1 of 4	As Builts
289497-D-016-R5 LMS100 Sht 2 of 4	289497-D-016-R5 LMS100 Sht 2 of 4		5	289497-D-016-R5 LMS100 Sht 2 of 4	As Builts

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

289497-D-017-R4 LMS100 Sht 3 of 4	289497-D-017-R4 LMS100 Sht 3 of 4		4	289497-D-017-R4 LMS100 Sht 3 of 4	**As Builts**
289497-D-018-R1 LMS100 Piping Conn Chart Sht 4 of 4	289497-D-018-R1 LMS100 Piping Conn Chart Sht 4 of 4		1	289497-D-018-R1 LMS100 Piping Conn Chart Sht 4 of 4	**As Builts**
289497-D-020-R4 P&I Diagram Compressed Air System	289497-D-020-R4 P&I Diagram Compressed Air System		4	289497-D-020-R4 P&I Diagram Compressed Air System	**As Builts**
289497-D-021-R3 P&I Diagram Ammonia System	289497-D-021-R3 P&I Diagram Ammonia System		3	289497-D-021-R3 P&I Diagram Ammonia System	**As Builts**
289497-D-022-R3 P&I Diagram Well & Raw Water System	289497-D-022-R3 P&I Diagram Well & Raw Water System		3	289497-D-022-R3 P&I Diagram Well & Raw Water System	**As Builts**
289497-D-023-R4 P&I Diagram Demineralized Water System	289497-D-023-R4 P&I Diagram Demineralized Water System		4	289497-D-023-R4 P&I Diagram Demineralized Water System	**As Builts**
289497-D-024-R3 P&I Diagram Waste Water Collection Sht 1 of 2	289497-D-024-R3 P&I Diagram Waste Water Collection Sht 1 of 2		3	289497-D-024-R3 P&I Diagram Waste Water Collection Sht 1 of 2	**As Builts**
289497-D-025-R3 P&I Diagram Fire Protection	289497-D-025-R3 P&I Diagram Fire Protection		3	289497-D-025-R3 P&I Diagram Fire Protection	**As Builts**
289497-D-026-R2 P&I Diagram Potable Water	289497-D-026-R2 P&I Diagram Potable Water		2	289497-D-026-R2 P&I Diagram Potable Water	**As Builts**
289497-D-027-R2 P&I Diagram Waste Water Collection Sht 2 of 2	289497-D-027-R2 P&I Diagram Waste Water Collection Sht 2 of 2		2	289497-D-027-R2 P&I Diagram Waste Water Collection Sht 2 of 2	**As Builts**
289497-D-029-R3 P&I Diagram ZLD System	289497-D-029-R3 P&I Diagram ZLD System		3	289497-D-029-R3 P&I Diagram ZLD System	**As Builts**

Mott MacDonald

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

Sentinel-1680-MM-Electrical-As-Builts.doc

ATTENTION:	DATE:	ACTION DATE:
See Distribution List	**May 3, 2013**	**N/A**
SHIP TO: **Gemma Power Systems** **2461 Main Street** **Glastonbury, CT 06033**	PROJECT: CPV Sentinel Project DESCRIPTION: Electrical As-Builts	

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**

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.

FOR MM ENGINEER USE ONLY – TYPE AND PURPOSE OF TRANSMITTAL	
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: As-Builts

Mott MacDonald

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

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-E-111 480 V Seasonal Power Panel Rev 1	289497-E-111 480 V Seasonal Power Panel Rev 1		1	289497-E-111 480 V Seasonal Power Panel Rev 1	As Builts
289497-E-112 Vital Power Panel Rev 1	289497-E-112 Vital Power Panel Rev 1		1	289497-E-112 Vital Power Panel Rev 1	As Builts
289497-E-113 Sht 1 Unit 1 Lighting Panel Rev 1	289497-E-113 Sht 1 Unit 1 Lighting Panel Rev 1		1	289497-E-113 Sht 1 Unit 1 Lighting Panel Rev 1	As Builts
289497-E-113 Sht 2 Unit 2 Lighting PanelRev 1	289497-E-113 Sht 2 Unit 2 Lighting PanelRev 1		1	289497-E-113 Sht 2 Unit 2 Lighting PanelRev 1	As Builts
289497-E-113 Sht 3 Unit 3 Lighting PanelRev 1	289497-E-113 Sht 3 Unit 3 Lighting PanelRev 1		1	289497-E-113 Sht 3 Unit 3 Lighting PanelRev 1	As Builts
289497-E-113 Sht 4 Unit 4 Lighting PanelRev 1	289497-E-113 Sht 4 Unit 4 Lighting PanelRev 1		1	289497-E-113 Sht 4 Unit 4 Lighting PanelRev 1	As Builts
289497-E-113 Sht 5 Unit 5 Lighting PanelRev 1	289497-E-113 Sht 5 Unit 5 Lighting PanelRev 1		1	289497-E-113 Sht 5 Unit 5 Lighting PanelRev 1	As Builts
289497-E-113 Sht 6 Unit 6 Lighting PanelRev 1	289497-E-113 Sht 6 Unit 6 Lighting PanelRev 1		1	289497-E-113 Sht 6 Unit 6 Lighting PanelRev 1	As Builts
289497-E-113 Sht 7 Unit 7 Lighting PanelRev 1	289497-E-113 Sht 7 Unit 7 Lighting PanelRev 1		1	289497-E-113 Sht 7 Unit 7 Lighting PanelRev 1	As Builts
289497-E-113 Sht 8 Unit 8 Lighting PanelRev 1	289497-E-113 Sht 8 Unit 8 Lighting PanelRev 1		1	289497-E-113 Sht 8 Unit 8 Lighting PanelRev 1	As Builts
289497-E-113 Sht 9 BOP Lighting PanelRev 1	289497-E-113 Sht 9 BOP Lighting PanelRev 1		1	289497-E-113 Sht 9 BOP Lighting PanelRev 1	As Builts
289497-E-114 Sht 1 208_120 V Seasonal Power Panel Rev 1	289497-E-114 Sht 1 208_120 V Seasonal Power Panel Rev 1		1	289497-E-114 Sht 1 208_120 V Seasonal Power Panel Rev 1	As Builts
289497-E-114 Sht 2 208_120V Power Panel Rev 2	289497-E-114 Sht 2 208_120V Power Panel Rev 2		2	289497-E-114 Sht 2 208_120V Power Panel Rev 2	As Builts
289497-E-114 Sht 3 208_120 V Demin Area Power Panel Rev 1	289497-E-114 Sht 3 208_120 V Demin Area Power Panel Rev 1		1	289497-E-114 Sht 3 208_120 V Demin Area Power Panel Rev 1	As Builts

CBO Approvals

Amanda Johnson

From: susan.coddington-allen@us.bureauveritas.com
Sent: Wednesday, April 17, 2013 12:03 PM
To: karent@gemmapower.com; charlescollins@gemmapower.com; thomasmastronarde@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@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; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; Maggie Fitzgerald; johnseidler@spectrumenergy.com; Amanda Johnson; 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; emily.smith@mottmacinc.com; toddcole@gemmapower.com
Cc: jamie.saldana@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com; amy.tremayne@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; keith.long@us.bureauveritas.com
Subject: CPV Sentinel – ELEC-1-20.01 ZLD Area Lighting Plans-PC1 - Approved

Hello,

The CPV Sentinel submittal, ELEC-1-20.01 ZLD Area Lighting Plans-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.

Respectfully,

Susan Coddington-Allen
CBO Project Coordinator– Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle #150
Sacramento, CA 95834
P: 916.514.4510
F: 916.617.2068
susan.coddington-allen@us.bureauveritas.com
www.us.Bureauveritas.com/energyusa
ISO 9001:2008 Certified
This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com

Please consider the environment before printing this e-mail

"This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com"

Amanda Johnson

From: susan.coddington-allen@us.bureauveritas.com
Sent: Thursday, April 18, 2013 2:53 PM
To: karent@gemmapower.com; charlescollins@gemmapower.com; thomasmastronarde@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@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; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; Maggie Fitzgerald; johnseidler@spectrumenergy.com; Amanda Johnson; 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; emily.smith@mottmacinc.com; toddcole@gemmapower.com
Cc: jamie.saldana@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com; amy.tremayne@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; keith.long@us.bureauveritas.com
Subject: CPV Sentinel – MECH-1-6.0 Cathodic Protection Report-PC1 - Approved

Hello,

The CPV Sentinel submittal, MECH-1-6.0 Cathodic Protection Report-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.

Respectfully,

Susan Coddington-Allen
CBO Project Coordinator– Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle #150
Sacramento, CA 95834
P: 916.514.4510
F: 916.617.2068
susan.coddington-allen@us.bureauveritas.com
www.us.Bureauveritas.com/energyusa
ISO 9001:2008 Certified
This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com

Please consider the environment before printing this e-mail

"This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com"

Amanda Johnson

From: susan.coddington-allen@us.bureauveritas.com
Sent: Tuesday, April 30, 2013 3:32 PM
To: karent@gemmapower.com; charlescollins@gemmapower.com; thomasmastronarde@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@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; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; Maggie Fitzgerald; johnseidler@spectrumenergy.com; Amanda Johnson; 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; emily.smith@mottmacinc.com; toddcole@gemmapower.com
Cc: jamie.saldana@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com; amy.tremayne@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; keith.long@us.bureauveritas.com
Subject: CPV Sentinel – ELEC-1-27.0-GE As-Built Electrical Drawings-PC1 - Approved

Hello,

The CPV Sentinel submittal, ELEC-1-27.0-GE As-Built Electrical Drawings-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.

Respectfully,

Susan Coddington-Allen
CBO Project Coordinator– Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle #150
Sacramento, CA 95834
P: 916.514.4510
F: 916.617.2068
susan.coddington-allen@us.bureauveritas.com
www.us.Bureauveritas.com/energyusa
ISO 9001:2008 Certified
This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com

Please consider the environment before printing this e-mail

"This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com"

Amanda Johnson

From: susan.coddington-allen@us.bureauveritas.com
Sent: Thursday, May 02, 2013 1:45 PM
To: karent@gemmapower.com; charlescollins@gemmapower.com; thomasmastronarde@gemmapower.com; curtbrainard@gemmapower.com; trishkohler@gemmapower.com; norbertmichnowski@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; john.kiefer@ge.com; john.nutter@ge.com; joelkasper@aquagenicsinc.com; Maggie Fitzgerald; johnseidler@spectrumenergy.com; Amanda Johnson; 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; emily.smith@mottmacinc.com; toddcole@gemmapower.com
Cc: jamie.saldana@us.bureauveritas.com; barbara.tomajic@us.bureauveritas.com; amy.tremayne@us.bureauveritas.com; raynard.hughes@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; keith.long@us.bureauveritas.com
Subject: CPV Sentinel – TSE-4-20.0-Switchyard Coordination Study and Protective Relay Settings-PC2 - Approved

Hello,

The CPV Sentinel submittal, TSE-4-20.0-Switchyard Coordination Study and Protective Relay Settings-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.

Respectfully,

Susan Coddington-Allen
CBO Project Coordinator– Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle #150
Sacramento, CA 95834
P: 916.514.4510
F: 916.617.2068
susan.coddington-allen@us.bureauveritas.com
www.us.Bureauveritas.com/energyusa
ISO 9001:2008 Certified
This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com

Please consider the environment before printing this e-mail

"This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com"

CBO Submittal and Drawing List

Submittal and Drawing List

Rev. 25

April 3, 2013

CPV Sentinel Energy Project

Gemma Power Systems, LLC
2461 Main Street
Glastonbury, CT 06033

Mott MacDonald, 400 Blue Hill Drive, Suite 100, North Lobby, Westwood, MA 02090, United States
T +1 (781) 915-0015 F +1 (781) 915-0001 W www.mottmac.com

CIVIL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
CIVIL-1.4	CIVIL-1-1.4	Report	URS	Approval	Geotech Report	3/21/2011
GEO-1	GEO-1-1.0	Report	URS	Approval	Geotech Report	4/26/2011
CIVIL-1	CIVIL-1-1.0	Drawings	Big Horn Consulting	Approval	Melissa Lane Drawings	4/12/2011
CIVIL-1	CIVIL-1-1.1	Drawings	Big Horn Consulting	Approval	Melissa Lane Drawings to County	5/11/2011
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-1-2.1	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 Plan - Construction Parking and Laydown	5/12/2011
CIVIL-1	CIVIL-1-1.6	Drawing	Mott MacDonald	Approval	Grading and Drainage Plan, Sheet 1	5/12/2011
CIVIL-1	CIVIL-1-1.6	Drawing	Mott MacDonald	Approval	Grading and Drainage Plan, Sheet 2	5/12/2011
CIVIL-1	CIVIL-1-1.6	Drawing	Mott MacDonald	Approval	Grading and Drainage Plan, Sheet 3	5/12/2011
TRANS-2	TRANS-2.3	Drawings	Mott MacDonald	Approval	Site Trailer and Parking Plan and Details	4/8/2011
TRANS-2	TRANS-2.3	Drawings	Mott MacDonald	Approval	Off Site Construction Parking and Laydown Plan	4/8/2011
CIVIL-1	CIVIL-1	Drawings	Mott MacDonald	Approval	General Arrangement	4/20/2011
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-1-1.5	Specification	Mott MacDonald	Approval	Erosion / Sediment Control	6/15/2011
CIVIL-1	CIVIL-1-1.5	Specification	Mott MacDonald	Approval	Excavation & Back Fill	5/2/2011
CIVIL-1	CIVIL-1-1.5	Specification	Mott MacDonald	Approval	Chain Link Fencing	9/15/2011
CIVIL-1	CIVIL-1-1.7	Specification	Mott MacDonald	Approval	Asphalt Paving	4/1/2012
CIVIL-1	CIVIL-1-1.8	Drawing	Mott MacDonald	Approval	Fence Details	7/31/2012
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

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-1-1.1	Drawing	Mott MacDonald	Approval	Foundation Arangement Plan	12/30/2011
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-1-2.1 PC1	Drawing, Calculations	Mott MacDonald	Approval	Fire Pump Enclosure Foundation	4/1/2011
STRUC-1	STRUC-1-2.1 PC2	Drawing, Calculations	Mott MacDonald	Approval	Fire Pump Enclosure Foundation	4/29/2011
STRUC-1	STRUC-1-2.2	Drawing, Calculations	Mott MacDonald	Approval	Fire Pump Enclosure Pre-cast Foundation	5/24/2011
STRUC-1	STRUC-1	Drawing	Mott MacDonald	Reference	Foundation Location Plan	6/15/2011
STRUC-1	STRUC-1-3.0	Drawing, Calculations	Vendor	Approval	SCR/Exhaust Stack Structure	7/29/2011
STRUC-1	STRUC-1-4.0	Vendor Drawings,	Vendor	Approval	Raw Water/Fire Water Tank Structure	8/3/2011
STRUC-1	STRUC-1-5.0	Vendor Drawings,	Vendor	Approval	Wastewater Tank Structure	8/3/2011
STRUC-1	STRUC-1-6.0	Vendor Drawings,	Vendor	Approval	North Demin Water Tank Structure	8/3/2011
STRUC-1	STRUC-1-7.0	Vendor Drawings,	Vendor	Approval	South Demin Water Tank Structure	8/3/2011
STRUC-1	STRUC-1-8.0	Drawing, Calculations	Mott MacDonald	Approval	GSU Transformer Foundations	7/28/2011
STRUC-1	STRUC-1-8.0X1 PC2	Drawing, Calculations	Mott MacDonald	Approval	GSU Transformer Foundations	2/7/2012
STRUC-1	STRUC-1-9.0	Drawing, Calculations	Mott MacDonald	Approval	SCR/Exhaust Stack Foundation	7/29/2011
STRUC-1	STRUC-1-9.1	Drawing, Calculations	Mott MacDonald	Approval	SCR Ancillary Foundation	11/14/201
STRUC-1	STRUC-1-10.0	Drawing, Calculations	Mott MacDonald	Approval	Combustion Turbine Generator/Air Inlet Fndns	7/29/2011
STRUC-1	STRUC-1-10.01	Drawing, Calculations	Mott MacDonald	Approval	CTG Anchorage	9/19/2011
STRUC-1	STRUC-1-11.0	Drawing, Calculations	Mott MacDonald	Approval	Raw Water/Fire Water Tank Foundation	8/5/2011
STRUC-1	STRUC-1-12.0	Drawing, Calculations	Mott MacDonald	Approval	Demin Water Tank Foundations	8/5/2011
STRUC-1	STRUC-1-13.0	Drawing, Calculations	Mott MacDonald	Approval	Wastewater Tank Foundation	8/5/2011
STRUC-1	STRUC-1-14.0	Drawing, Calculations	Mott MacDonald	Approval	Cooling Tower Foundation	8/16/2011
STRUC-1	STRUC-1-14.01	Vendor Drawings, Calculations	Vendor	Approval	Cooling Tower	8/23/2011
STRUC-1	STRUC-1-14.02	Vendor Drawings, Calculations	Vendor	Approval	Cooling Tower Stairway	10/10/2011
STRUC-1	STRUC-1-14.03	Vendor Drawings, Calculations	Vendor	Approval	Cooling Tower Documents	12/22/2011
STRUC-1	STRUC-1-15.0	Drawing, Calculations	Vendor	Approval	GE CTG & Air Inlet Structures	8/26/2011
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-1-16.0	Drawing, Calculations	Mott MacDonald	Approval	SST Foundation	9/8/2011
STRUC-1	STRUC-1-16.0X1	Drawing, Calculations	Mott MacDonald	Approval	SST Foundation	11/22/2011
STRUC-1	STRUC-1-17.0	Drawing, Calculations	Mott MacDonald	Approval	PCM Foundations	11/30/2011
STRUC-1	STRUC-1-18.0	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-1-19.0	Drawing, Calculations	Mott MacDonald	Approval	Intercooler System Foundation	11/30/2011
STRUC-1	STRUC-1-20.0	Drawing, Calculations	Mott MacDonald	Approval	ZLD FFE Foundation	12/2/2011
STRUC-1	STRUC-1-21.0	Drawing, Calculations	Mott MacDonald	Approval	Raw Water Pump Skid Foundation	12/27/2011
STRUC-1	STRUC-1-22.0	Drawing, Calculations	Mott MacDonald	Approval	Wastewater Pump Skid Foundation	12/27/2011
STRUC-1	STRUC-1-23.0	Drawing, Calculations	Mott MacDonald	Approval	Demin Water Pump Skid Foundation	12/28/2011
STRUC-1	STRUC-1-24.0	Drawing, Calculations	Mott MacDonald	Approval	Oil Water Separator Foundation	12/28/2011
STRUC-1	STRUC-1-25.0	Drawing, Calculations	Agate	Approval	Operations Warehouse Structural Design	1/5/2012
STRUC-1	STRUC-1-25.1	Drawing, Calculations	Agate	Approval	Operations Warehouse Architectural	1/9/2012
STRUC-1	STRUC-1-25.2	Drawing, Calculations	Agate	Approval	Operations Warehouse Plumbing	1/9/2012
STRUC-1	STRUC-1-25.3	Drawing, Calculations	Agate	Approval	Operations Warehouse HVAC	1/10/2012
STRUC-1	STRUC-1-25.4	Drawing, Calculations	Agate	Approval	Operations Warehouse Electrical	1/10/2012
STRUC-1	STRUC-1-25.5	Drawing	Agate	Approval	Operations Warehouse Fire Alarm System	1/12/2012
STRUC-1	STRUC-1-25.6	Drawing, Calculations	Agate	Approval	Operations Warehouse Lightning Protection	1/26/2012
STRUC-1	STRUC-1-25.7	Drawing, Calculations	Agate	Approval	Operations Warehouse Fire Protection	2/24/2012
STRUC-1	STRUC-1-25.8	Drawing, Calculations	Agate	Approval	Operations Warehouse HVAC Eqipment Pads, Door Stoos and Aprons	6/27/2012
STRUC-1	STRUC-1-25.9	Drawing, Calculations	Agate	Approval	Operations Warehouse Access Floor	6/13/2012
STRUC-1	STRUC-1-25-10	Drawing, Calculations	Agate	Approval	Operations Warehouse Title 24 Energy Calculations	
STRUC-1	STRUC-1-25.11	Drawing, Calculations	Agate	Reference	Operations Warehouse Septic System Design	7/3/2012
STRUC-1	STRUC-1-25.11	Drawing, Calculations	Agate	Approval	Fire Damper	7/10/2012
STRUC-1	STRUC-1-25.11	Drawing, Calculations	Agate	Approval	Fire Stop	7/10/2012
STRUC-1	STRUC-1-26.0	Drawing, Calculations	Vendor	Approval	CEM Enclosure	1/13/2012

STRUCTURAL DESIGN SUBMITTALS

CEC Cond	Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
STRUC-1	STRUC-1-27.0	Drawing, Calculations	Mott MacDonald	Approval	Cooling Tower Chemical Feed System Fndn	1/11/2012
STRUC-1	STRUC-1-28.0	Drawing, Calculations	Mott MacDonald	Approval	Fuel Gas Final Filter Foundation	1/12/2012
STRUC-1	STRUC-1-29.0	Drawing, Calculations	Mott MacDonald	Approval	Demin Trailer Slab	1/24/2012
STRUC-1	STRUC-1-30.0	Drawing, Calculations	Mott MacDonald	Approval	ZLD System Foundation	1/26/2012
STRUC-1	STRUC-1-31.0	Drawing	Vendor	Approval	Laydown Area Building	2/2/2012
STRUC-1	STRUC-1-32.0	Drawing, Calculations	Mott MacDonald	Approval	Ammonia Area Foundation	2/7/2012
STRUC-1	STRUC-1-33.0	Drawing, Calculations	Mott MacDonald	Approval	5 kV PEC Enclosure Foundation	2/8/2012
STRUC-1	STRUC-1-34.0	Drawing, Calculations	Vendor	Approval	Fire Pump Enclosure and Diesel Exhaust Stack	2/9/2012
STRUC-1	STRUC-1-33.0	Drawing, Calculations	Mott MacDonald	Approval	Open Tube Bus Support Foundations	2/15/2012
STRUC-1	STRUC-1-36.0	Drawing, Calculations	Vendor	Approval	Oliy Waste Sump Calculations and Drawings	2/16/2012
STRUC-1	STRUC-1-37.0	Drawing, Calculations	Vendor	Approval	Blowdown Sump Calculations and Drawings	2/16/2012
STRUC-1	STRUC-1-38.0	Technical Specifications, General Notes	Mott MacDonald	Approval	Structural Steel	2/22/2012
STRUC-1	STRUC-1-39.0	Drawing	Mott MacDonald	Approval	PCM Stair Plan Sections and Details	2/22/2012
STRUC-1	STRUC-1-39.1	Drawing	Mott MacDonald	Approval	PEC Stair Plan Sections and Details	4/11/2012
STRUC-1	STRUC-1-40.0	Drawing, Calculations	Mott MacDonald	Approval	Electrical Tray Fndns - Patio Slab	3/12/2012
STRUC-1	STRUC-1-41.0	Drawing, Calculations	Vendor	Approval	Open Tube Bus Support Steel	3/12/2012
STRUC-1	STRUC-1-42.0	Drawing, Calculations	Vendor	Approval	ZLD Support Steel	3/13/2012
STRUC-1	STRUC-1-43.0	Drawing, Calculations	Vendor	Approval	Non-Seg Bus Support Steel	3/19/2012
STRUC-1	STRUC-1-44.0	Drawing, Calculations	Mott MacDonald	Approval	Safety Eye Wash Pads	3/27/2012
STRUC-1	STRUC-1-45.0	Drawing, Calculations	Mott MacDonald	Approval	Lighting Pole and Lightning Mast Foundations	3/27/2012
STRUC-1	STRUC-1-46.0	Drawing, Calculations	Mott MacDonald	Approval	Cable Tray Support Steel	3/28/2012
STRUC-1	STRUC-1-47.0	Drawings, Calculations	Vendor	Approval	Pump Skids	4/5/2012
STRUC-1	STRUC-1-48.0	Drawings, Calculations	Mott MacDonald	Approval	Pipe Support Foundations	4/6/2012
STRUC-1	STRUC-1-49.0	Drawings, Calculations	Mott MacDonald	Approval	Comprerssor Area Patio Slab	4/6/2012
STRUC-1	STRUC-1-50.0	Drawings, Calculations	Mott MacDonald	Approval	ZLD Area Patio Slab	4/13/2012
STRUC-1	STRUC-1-52.0	Drawing, Calculations	Vendor	Approval	5 kV PEC Enclosure Structural Design	5/8/2012
STRUC-1	STRUC-1-53.0	Drawing, Calculations	Mott MacDonald	Approval	Cable Tray Support Foundations at Unit 5	6/5/2012
STRUC-1	STRUC-1-54.0	Drawing, Calculations	Vendor	Approval	Lightning Mast Structural Calculations	6/5/2012
STRUC-1	STRUC-1-55.0	Drawing, Calculations	Mott MacDonald	Approval	Operations and Warehouse Electrical Cable Tray Supports	7/2/2012
STRUC-1	STRUC-1-55.1	Drawing, Calculations	Mott MacDonald	Approval	Cable Tray Supports in the Communications Room	9/27/2012
STRUC-1	STRUC-1-56.0	Drawing, Calculations	Mott MacDonald	Approval	Cable Tray Supports under the PCMs	9/25/2012
STRUC-1	STRUC-1-57.0	Drawing, Calculations	Mott MacDonald	Approval	Access Platforms	11/5/2012
STRUC-1	STRUC-1-58.0	Drawing, Calculations	Mott MacDonald	Approval	Raw Water Chemical Feed System Foundation	11/5/2012
STRUC-1	STRUC-1-59.0	Drawing, Calculations	Mott MacDonald	Approval	Line Side Cubicle Anchorage	11/7/2012

MECHANICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
MECH-1	MECH-1	Drawing	Mott MacDonald	Approval	General Arrangement Plan & Legend	07/10/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	General Arrangement - Overall CTG Unit Typical	07/10/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Equipment Location Plan	07/15/11
MECH-1	MECH-1	Drawings	Mott MacDonald	Reference	Equipment Location Part Plan- Area CTG 01 -08	07/15/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Equipment Location Plan Ammonia Tank Area	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Fuel Gas Compressors 1	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Fuel Gas Compressors 2	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Admin/Warehouse	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Zero Discharge System	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Waste Water Storage Tank	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Demineralized Water Tanks	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Demineralizer Trailers	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Raw Water Storage	10/21/11
MECH-1	MECH-1	Drawing	Mott MacDonald	Reference	Eq. Loc. Part Plan - Area Fuel Gas Metering Station	12/01/11
MECH-1	MECH-1-1.0 PC1	Drawings	Mott MacDonald	Approval	Underground Piping Plans -	08/12/11
MECH-1	MECH-1-1.0 PC2	Drawings	Mott MacDonald	Approval	Underground Piping Plans -	09/30/11
MECH-1	MECH-1-1.01	Drawings	Mott MacDonald	Approval	Underground Piping Sections	11/13/12
MECH-1	MECH-1-2.0	Technical Specification	Mott MacDonald	Information	CTG Exhaust System SCR	08/26/11
MECH-1	MECH-1-1.1	Technical Specification	Mott MacDonald	Information	Zero Discharge System	11/01/11
MECH-1	MECH-1-1.4	Technical Specification	Mott MacDonald	Information	Fire Pump (Packaged Unit) & Building	04/03/13
MECH-1	MECH-1-1.4	Technical Specification	Mott MacDonald	Information	Cooling tower chem feed systems	04/03/13
MECH-1	MECH-1-1.4	Technical Specification	Mott MacDonald	Information	Deep Well Pump Drilling and Systems	04/03/13
MECH-1	MECH-1-2.0	Technical Specification	Mott MacDonald	Information	Field Erected Tanks – , Raw Water, Demin Water,etc	08/12/11
MECH-1	MECH-1.1.3	Technical Specification	Mott MacDonald	Information	Fuel Gas Compressors	09/14/11
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-1.1.3	Technical Specification	Mott MacDonald	Information	Air Comp. Skid, Receiver, & Dryer	09/14/11
MECH-1	MECH-1.1	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-1.1	Technical Specification	Mott MacDonald	Information	Wastewater Sump Pumps	12/16/11
MECH-1	MECH-1.1	Technical Specification	Mott MacDonald	Information	Demin Water Pumps	11/18/11
MECH-1	MECH-1.1	Technical Specification	Mott MacDonald	Information	Ammonia 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-1-2.0	Technical Specification	Mott MacDonald	Information	Water Wash Drains Tank	01/10/12
MECH-1	MECH-1	Technical Specification	Mott MacDonald	Information	Miscellaneous Piping Specialties	12/16/11
MECH-1	MECH-1.3.0	Drawings, Plans and Specifications	Mott MacDonald	Approval	Above Ground Piping	02/15/12
MECH-1	MECH-1.3.01	Drawings, Plans and Specifications	Mott MacDonald	Approval	Above Ground Piping Pipe Supports	11/13/12
MECH-1	MECH-1-5.0	Piping LIne Lists	Mott MacDonald	Approval	Above Ground and Below Grade Piping Line Lists	04/03/13
MECH-2	MECH-1-4.0	Certifications, Reports	Vendor	Approval	Aqueous Ammonia Tank	03/21/12
MECH-2	MECH-2-1.0	Certifications, Reports	Vendor	Approval	Compressed Air Receiver, Dryers and Filtes	06/29/12
MECH-2	MECH-2-2.0	Certifications, Reports	Vendor	Approval	Fuel Gas System Pressure Vessels	07/13/12
MECH-2	MECH-2-3.0	Certifications, Reports	Vendor	Approval	Fuel Gas Coalescing Filters	07/10/12
MECH-2	MECH-2-4.0	Certifications, Reports	Vendor	Approval	ZLD System Pressure Vessels	07/31/12

ELECTRICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
ELEC-1	ELEC-1-1.0	Drawings	Mott MacDonald	Reference	Electrical Symbols And Legend	6/15/2011
ELEC-1	ELEC-1-2.0	Drawings	Mott MacDonald	Approval	Electrical Underground Conduit & Grounding	9/28/2011
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	One Line Diagram 4160 V Swgr	9/11/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	One Line Diagram 4160 V MCC	9/11/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V Load Center Unit 1 (sheet 1)	9/11/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V Load Center Unit 2-8	9/11/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Dc One Line Diagram	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Vital Ac One Line Diagram	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Refernce	Power Panel schedules	4/24/2012
ELEC-1	ELEC-1-2.0	Drawings	Mott MacDonald	Approval	Grounding Details	9/28/2011
ELEC-1	ELEC-1-2.0	Drawings	Mott MacDonald	Approval	Grounding Plans Sh 1-13	9/28/2011
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Area Classification Plan Sh 1-4	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Reference	General Site Plan - Sh1-4	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Reference	Power Block Part Plan Sh1-8	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Generator Leads Open Aluminum Bus	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	CEMs Electrical Plan	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Non-Seg Bus Duct	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	General Site Lighting Plan & Details	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	General Site Lighting Plan Sh 1-5	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Lighting - Ctg Areas Task Lighting - Sh 1- 8	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Lighting Misc Areas - Sh 1-12	4/24/2012
ELEC-1	ELEC-1-2.0	Drawings	Mott MacDonald	Approval	Underground Raceway Plans Sh 1-12	9/28/2012
ELEC-1	ELEC-1-2.0	Drawings	Mott MacDonald	Approval	Power Block Underground Raceway Plan Sh1 -8	9/28/2012
ELEC-1	ELEC-1-2.0	Drawings	Mott MacDonald	Approval	Underground Raceway Details Sh 1-16	9/28/2011
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Above Ground Power Block Raceway Plans	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Above Ground Raceway Plan Area 2	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Above Ground BOP Raceway Plan Areas	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 480V Mcc Starter Typ1, 2, 3 4	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 480V Swgr Breaker Typical	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 4160 Starter Typical	4/24/2012
ELEC-1	ELEC-1-5.0	Drawings	Mott MacDonald	Approval	Schematic / Wiring Diagrams 4160 Breaker Typical	4/24/2012
ELEC-1	ELEC-1-5.0	List	Mott MacDonald	Reference	Cable / Conduit Schedule	4/24/2012
ELEC-1	ELEC-1-1.2	Technical Specification	Mott MacDonald	Information	Main Generator Stepup Transformer Spec	9/15/2011
ELEC-1	ELEC-1-1.2	Technical Specification	Mott MacDonald	Information	Station Service transformers 220kv-4.16 kv	9/15/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	4160 V Swgr Spec	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	4160 V Mcc Spec	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Pad Mounted Transformers	10/28/2011
ELEC-1	ELEC-1-1.3	Technical Specification	Mott MacDonald	Information	480 V Substation/SWGR BOP & U AUX	2/8/2013
ELEC-1	ELEC-1-1.3	Technical Specification	Mott MacDonald	Information	480V Mcc Spec	2/8/2013
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Generator Leads Open Aluminum Bus	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	4 KV Non-Seg Bus	10/28/2011
ELEC-1	ELEC-1.1	Technical Specification	Mott MacDonald	Information	Dc Battery & Charger Spec	12/15/2011
ELEC-1	ELEC-1.1	Technical Specification	Mott MacDonald	Information	120 Vac Ups Spec	12/16/2011
ELEC-1	ELEC-1.1	Technical Specification	Mott MacDonald	Information	Substation Testing & Commissioning	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Revenue Meters	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Relay and Protection Panels	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	125 V DC Station Batteries	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	220 kV Switchyard	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	220 kV Power Circuit Breaker	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	220 kV Disconnect Switches	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Surge Arrestors	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	CCVT	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	PTs	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Combined Instrument Transformers	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Yard Lighting	10/28/2011
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	SCADA	10/28/2011
ELEC-1	ELEC-1-1.3	Technical Specification	Mott MacDonald	Information	4 Kv Motor Spec	2/8/2013
ELEC-1	ELEC-1-1.3	Technical Specification	Mott MacDonald	Information	Low Voltage Motors (600 V And Below)	2/8/2013
ELEC-1	ELEC-1-1.3	Technical Specification	Mott MacDonald	Information	Cathodic Protection (Performance Spec.)	2/8/2013
ELEC-1	ELEC-1-1.1	Technical Specification	Mott MacDonald	Information	Elec. Req. For Packaged Mec. Systems	10/28/2011
ELEC-1	ELEC-1-3.0	Report/Calculations	Mott MacDonald	Approval	Lightning Protection Study	3/23/2012
ELEC-1	ELEC-1-4.0	Report/Calculations	Mott MacDonald	Approval	Lighting Study	3/23/2012
ELEC-1	ELEC-1-1.3	Technical Specification	Mott MacDonald	Information	Grounding & Bonding	2/8/2013
ELEC-1	ELEC-1-1.3	Technical Specification	Mott MacDonald	Information	Electrical Construction Methods	2/8/2013
ELEC-1	ELEC-1-6.0	Drawings	Mott MacDonald	Approval	One Line Diagram 480 V BOP Switchgear	8/30/2012
ELEC-1	ELEC-1-7.0	Drawings	Mott MacDonald	Approval	One Line Diagrams	9/7/2012
ELEC-1	ELEC-1-8.0	Drawings	Mott MacDonald	Approval	Electrical Schematics	11/15/2012
ELEC-1	ELEC-1-9.0	Drawings	Mott MacDonald	Approval	Panel Schedules and Lighting Details	11/15/2012
ELEC-1	ELEC-1-10.0	List	Mott MacDonald	Approval	Motor and Load List	11/15/2012
ELEC-1	ELEC-1-11.0	List	Mott MacDonald	Approval	Electrical Equipment List	11/15/2012
ELEC-1	ELEC-1-12.0	Drawings	Mott MacDonald	Approval	Cable Tray Penetration Firestop	1/24/2013
ELEC-1	ELEC-1-14.0	Drawings	Beta/GE	Approval	Generator & GSU Protection	2/11/2013

ELECTRICAL DESIGN SUBMITTALS

CEC Cond	CBO Submittal Number	Document Type	Source	Submittal Purpose	Description	Submittal Date
ELEC-1	ELEC-1-16.0	Drawings	Beta	Approval	SST Protection Drawings	2/15/2013
ELEC-1	ELEC-1-20.0	Drawings	Mott MacDonald	Approval	Lighting Plans	2/22/2013
ELEC-1	ELEC-1-20.01	Drawings	Mott MacDonald	Approval	ZLD Lighting Plans	4/3/2013
ELEC-1	ELEC-1-22.0	Specification/Drawings	Mott MacDonald	Approval	SST Specification and Drawings	2/22/2013
ELEC-1	ELEC-1-20.0	Specification/Drawings	Mott MacDonald	Approval	GSU Specification and Drawings	2/22/2013
ELEC-1	ELEC-1-24.0	Specification/Drawings	Mott MacDonald	Approval	Pad Mount Transformer Specification and Drawings	6-Mar
ELEC-1	ELEC-1-26.0	Drawings	Mott MacDonald	Approval	480 V Motor Control Center One-Line Diagram	8-Mar
220KV SWITCHYARD						
TSE-4	TSE-4-1.0	Drawings	Beta Engineering	Approval	Switchyard Arrangement	1/9/2012
TSE-4	TSE-4-1.1	Drawings, Calculations	Beta Engineering	Approval	Switchyard Structural Calculations Steel Structures	2/8/2012
TSE-4	TSE-4-1.2	Drawings, Calculations	Beta Engineering	Approval	Switchyard Structural Calculations Steel Structures	1/10/2012
TSE-4	TSE-4-1.3	Calculations	Beta Engineering	Approval	Switchyard Bus Design	1/11/2012
TSE-4	TSE-4-1.4	Calculations	Beta Engineering	Approval	Switchyard Sag Tension Calculations	2/9/2012
TSE-4	TSE-4-1.5	Drawings	Beta Engineering	Approval	Switchyard Outdoor Lighting Design	1/11/2012
TSE-4	TSE-4-1.6	Drawings, Calculations	Beta Engineering	Approval	Switchyard Grounding Design	1/12/2012
TSE-4	TSE-4-1.7	Drawings	Beta Engineering	Approval	Switchyard Cable Trench and Conduit Design	1/12/2012
TSE-4	TSE-4-1.8	Drawings	Beta Engineering	Approval	Switchyard Foundation Design Calculations and Drawings	1/12/2012
TSE-4	TSE-4--1.9	Drawings	Beta Engineering	Approval	Switchyard Lightning Protection	2/22/2012
TSE-4	TSE-4--1.10	Drawings	Beta Engineering	Approval	Switchyard One Line Diagram	3/14/2012
TSE-4	TSE-4--1.11	Drawings	Beta Engineering	Approval	Switchyard Control House Foundation Design Calculations and Drawings	4/17/2012
TSE-4	TSE-4-1.12	Drawings, Calculations	Beta Engineering	Approval	Switchyard Control House Design Calculations and Drawings	5/1/2012
TSE-4	TSE-4-13.0	Drawings	Beta Engineering	Approval	Switchyard Cable Schedule	7/9/2012
TSE-4	TSE-4-14.0	Drawings	Beta Engineering	Approval	Switchyard Control House Equipment Arrangement and Panel Drawings	7/10/2012
TSE-4	TSE-4-15.0	Drawings	Beta Engineering	Approval	Switchyard Battery Sizing Calculations	7/9/2012
TSE-4	TSE-4-16.0	Drawings	Beta Engineering	Approval	Switchyard Fence Plan and Details	7/10/2012
TSE-4	TSE-4-17.0	Drawings	Beta Engineering	Approval	Switchyard AC and DC One Line Diagrams	7/25/2012
TSE-4	TSE-4-18.0	Drawings	Beta Engineering	Approval	Switchyard Panel Wiring Drawings	2/7/2013
TSE-4	TSE-4-19.0	List	Beta Engineering	Approval	SCADA Points	3/7/2013
Electrical Calculations & Studies						
ELEC-1	ELEC-1-17.0	Study	Beta/GE	Approval	Short Circuit Study and Load Flow and Motor Starting Study	2/20/2013
TSE-4	TSE-4-XX	Studies, Calculations	Vendor	Approval	Short Circuit Study (Switchyard)	4/1/2012
ELEC-1	ELEC-1-2.0	Studies, Calculations	Mott MacDonald	Approval	Grounding Calculations (Plant)	10/28/2011
TSE-4	TSE-4-1.6	Studies, Calculations	Vendor	Approval	Grounding Calculations (Switchyard)	6/5/2012
ELEC-1	ELEC-1-19.0	Study	Mott MacDonald	Approval	Plant Relay Settings and Protection Coordination	2/20/2013
ELEC-1	ELEC-1-15.0	Drawings	Beta	Approval	Switchyard and Line Protection	2/11/2013
ELEC-1	ELEC-1-18.0	Calculations	Mott MacDonald	Approval	Generator Relay Settings and Protection	2/20/2013
ELEC-1	ELEC-1-13.0	Calculations	Mott MacDonald	Approval	Cable Size Calculations	2/11/2013
ELEC-1	ELEC-1-21.0	Studies, Calculations	Mott MacDonald	Approval	Arc Flash Study	2/20/2013
TSE-4	TSE-4-1.9	Studies, Calculations	Vendor	Approval	Switchyard Lightning Study	2/20/2012
ELEC-1	ELEC-1-3.0	Studies, Calculations	Mott MacDonald	Approval	Lighting Calculations (Plant)	3/23/2012
TSE-4	TSE-4-1.5	Studies, Calculations	Vendor	Approval	Lighting Calculations (Switchyard)	1/11/2012
TSE-4	TSE-4-20.0	Calculations	Beta Engineering	Approval	Switchyard Coordination Study and Protective Relay Settings	3/7/2013

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 - 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 Foundation 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-156	Drainage Plan South	1
Y-157	Drainage Plan Center	1
Y-158	Drainage Plan North	1
Y-159	Drainage Plan Details	1
Y-160	Site Paving Plan & Typical Details	1
Y-170	Fence Details	1
Y-171	Site Fencing Plan	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
	Concrete Foundation Drawings	
C-001	General Foundation Notes	1
C-010	Fire Pumphouse Foundation Plan & Details	1
C-100	Foundation Location Plan	1
C-200	Combustion Turbine Generator Fnd. Plan	1
C-201	Combustion Turbine Generator Fnd. Sections and Details	1
C-202	CTG Anchorage	1
C-203	Intercooler and Cooling Water Pump Foundations	1
C-204	Intercooler and Cooling Water Pump Foundations	1
C-205	Intercooler Part Plan	1
C-206	Fuel Gas Final Filter	1
C-207	Patio Slab	1
C-208	Cable Tray Support at PCM-Unit 5	1
C-209	Line Side and Neutral Anchorage Plan	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 Chemical Feed System Foundattion	1
C-500	Raw Water Tank Foundation	1
C-501	Demin Water Tank Foundation	1
C-502	Wastewater Tank Foundation	1
C-503	Demineralized Water Forwarding Pump Skid Foundation	1
C-504	Wastewater Forwarding Pump Skid Foundation	1
C-505	Gas Compressor Foundations	1
C-506	Gas Compressor Air Cooled Interccooler Foundations	1
C-507	Gas Filter Separator Foundation	1
C-508	Raw Water Forwarding Pump Skid Foundation	1
C-509	Raw Water Chem Feed Foundation	1

Civil/Structural/Architectural Drawings

Drawing Number	Description	Number of Drawings
C-510	Oil Water Separator Foundation	1
C-511	Gas Compressor Patio Slab	1
C-512	Gas Compressor Cable Tray Support Foundation	1
C-600	GSU Transformer Foundations, Units 1, 2, 3, 4, 6, 7 and 8	1
C-601	GSU Transformer Foundations, Unit 5	1
C-602	Station Service Transformer Foundations	1
C-603	SST Foundation Plan North	1
C-604	Auxiliary Transformer Foundations	1
C-605	Open Tube Bus Support Foundations	1
C-606	Site Lightning Mast Foundation	1
C-607	Site Lighting Pole Foundation	1
C-700	FFE Foundation Plan	3
C-701	ZLD Location Plan	1
C-702	Chem Feed and Sump	1
C-703	Vapor Compressor Foundation	1
C-704	Compressor Foundation and Mod Plan	1
C-705	ZLD Details	1
C-706	ZLD Piers and Anchors	1
C-707	ZLD Area Patio Slab	1
C-810	PCM Foundation	2
C-820	5 kV PEC Foundation	1
C-840	PCM Stair Foundations	1
C-841	5 kV Stair Foundation	1
C-843	Eye Wash and Safety Shower Foundation	1
C-850	Demin Trailer Pad Foundation	1
C-860	Electrical Cable Tray Foundations	1
C-870	Gas Pipeline Support Foundations	1
C-871	Gas Pipeline Support Foundations	1
C-890	Miscellaneous Foundation Details	1
C-900	Ammonia Unloading and Storage Tank Foundations	1
C-901	Ammonia Unloading and Storage Tank Foundations	1
C-902	Ammonia Unloading and Storage Tank Foundations	1
	Steel Drawings	
S-001	Steel General Notes	1
S-002	Guardrails and Steel Details	1
S-100	PCM Stairs	2
S-110	5 kV PEC North Access Stairs	1
S-111	5 kV PEC South Access Stairs	1
S-130	Cable Tray Support steel Location Plan	1
S-131	Cable Tray Steel Details	1
S-132	Cable Tray Steel Location Plan	1
S-133	Cable Tray Supports	1
S-134	Cable Tray Supports	1
S-135	Cable Tray Supports	1
S-136	Cable Tray Supports	1
S-137	Cable Tray Suport Details - ZLD Area	1
S-140	Cable Tray Supports under the PCMs	1
S-141	Cable Tray Supports O&M Building	1
S-142	Cable Tray Supports in Communication Room in O&M Building	1
S-150	CTG Steel Platforms	1
S-151	CTG Steel Platform Ladder & Details	1
S-152	Crossover Platforms	1

Mechanical Drawings

Drawing Number	Description	Number of Drawings
G-101	General Arrangement Plan & Legend	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-163	Eq. Loc. Part Plan - Area Admin/Warehouse	1
G-164	Eq. Loc. Part Plan - Area Zero Discharge System	1
G-166	Eq. Loc. Part Plan - Area Demineralized Water Tanks	1
G-168	Eq. Loc. Part Plan - Area Raw Water Storage	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-212	Underground Piping Plan - Area Admin/Warehous	1
P-213	Underground Piping Plan - Area Zero Discharge System	1
P-215	Underground Piping Plan - Area Demineralized Water Tanks	1
P-216	Underground Piping Plan - Area Demineralizer Trailers	1
P-218	Underground Piping Plan - Area Fuel Gas Metering Station	1
P-219	Underground Piping Plan - Area Potable Water Pump	1
P-220	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
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

Mechanical Drawings

Drawing Number	Description	Number of Drawings
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-302	Pipe Supports CTG 2	1
P-309	Pipe Suports Area Ammonia Tank	1
P-310	Pipe Supports - Fuel Gas Compressor Area	1
P-311	Pipe Supports - Fuel Gas Compressor Area	1
P-313	Pipe Supports Plan ZLD System	1
P-314	AG Pipe Suports Waste Water Tank	1
P-315	AG Pipe Supports Demineralized Waetr Tanks	1
P-316	AG Pipe Supports Demineralizer tarilers	1
P-317	AG Pipe Supposrts RW tank	1
P-318	Above Ground Support Plan	1
P-319	Above Ground Pipe Support Plan	1
P-320	Above Ground Pipe Support Details CTG Units	1

I&C Drawings

Drawing Number	Description	Number of Drawings
D-001	P&ID Legend & Symbols Sheet 1 of 2	1
D-002	P&ID Legend & Symbols Sheet 2 of 2	1
D-007	P&ID Fuel Gas System (Metering) Sheet 1 of 8	1
D-008	P&ID Fuel Gas System 45,000 lb/hr Single Unit Compressor (FGC 1A) Sheet 2 of 8	1
D-009	P&ID Fuel Gas System 45,000 lb/hr Single Unit Compressor (FGC 1B) Sheet 3 of 8	1
D-010	P&ID Fuel Gas System 90,000 lb/hr Dual Unit Compressor (FGC 2A) Sheet 4 of 8	1
D-011	P&ID Fuel Gas System 90,000 lb/hr Dual Unit Compressor (FGC 2B) Sheet 5 of 8	1
D-012	P&ID Fuel Gas System 90,000 lb/hr Dual Unit Compressor (FGC 2C) Sheet 6 of 8	1
D-013	P&ID Fuel Gas System 90,000 lb/hr Dual Unit Compressor (FGC 2D) Sheet 7 of 8	1
D-014	P&ID Fuel Gas System (FG Filters) Sheet 8 of 8	1
D-015	P&ID LMS100 Sheet 1 of 4	1
D-016	P&ID LMS100 Sheet 2 of 4	1
D-017	P&ID LMS100 Sheet 3 of 4	1
D-018	P&ID LMS100 Sheet 4 of 4	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 SH 1	1
D-025	P&ID Fire Protection	1
D-026	P&ID Potable Water	1
D-027	P&ID Waste Water Collection SH 2	1
D-029	P&ID ZLD System	1
D-050	Water Balance Diagram Sheets 1&2	2

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 (Sheets 1-8)	8
E-107	One Line Diagram 480 V BOP swgr	1
E-108	One Line Diagram 480 V MCC Unit 1 (Sheets 1-8)	8
E-109	One Line Diagram 480 V MCC BOP	2
E-111	Seasonal Power Panel	1
E-112	Vital Ac One Line Diagram	1
E-114	Demin Water Storage Area Power Panel Schedule	1
E-190	Construction Power One-Line Diagram	1
E-191	Temporary Construction Power	1
E-200	Grounding Details	1
E-201	Overall Grounding Plan	1
E-202	CTG #1 Grounding Plan	
E-203	GSU Grounding Plan	10
E-204	CTG Area Grounding Plans Sheets 1 through 8	10
E-205	Grounding Plans BOP Areas Sheets 1 through 6	6
E-305	Electrical Equipment Loacation Plan O&M Building	1
E-306	Area Classification Plan CTG Area Sh 1-9	9
E-307	Area Classification Plan Gas Compressor Area	9
E-310	Generator Leads Open Aluminum Bus (superseded by AZZ Calvert Drawings)	4
E-311	Non-Seg Bus Duct (superseded by AZZ Calvert Drawings)	2
E-401	Overall Underground Raceway Plan	1
E-403	GSU Underground Raceway Plan	10
E-404	Underground Raceway Plan CTG Units	12
E-405	Underground Raceway Plans BOP Areas	10
E-407	Cable Size Calculations	
E-500	Overall AG Raceway Details	1
E-501	Overall AG Raceway Plan	1
E-503	Above Ground Raceway Plans 5 kV SWGR Area	1
E-504	Above Ground Raceway Plans Cable Tray CTG Area	8
E-505	Above Ground Raceway Plans Power Conduit CTG Area	10
E-506	Above Ground Raceway Plans Control Conduit CTG Area	8
E-507	Above Ground Raceway Plans Instrument Conduit CTG Area	8
E-508	Above Ground Raceway Plans Cable Tray BOP Area	6
E-509	Above Ground Raceway Plans Power Conduit BOP Area	6
E-510	Above Ground Raceway Plans Control Conduit BOP Area	6
E-511	Above Ground Raceway Plans Instrument Conduit BOP Area	6
E-600	Electric Lighting Symbols and Details	1
E-601	Electric Lighting Pole Mounting Roadway	1
E-602	Electric Equipment Lighting CTG Areas	8
E-603	ZLD Lighting	3
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	2
E-713	Schematic Manual Transfer Switch	1
E-800	Fire Detection Plan	10
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 Sheet 1	1
E-170	Switchyard Rel& Mtr One Line Diagram Sheet 2	1

Electrical Drawings

Drawing Number	Description	Number of Drawings
E-171	DC One Line Diagram	1
E-173	AC Station Service One Line Diagram	1
E-370	Switchyard Layout	1
E-371	Switchyard Sections	5
E-373	Switchyard Control Building Plans & Details	5

CBO Payment Receipt

Amanda Johnson

From: Mark McDaniels <mmcdaniels@cpv.com>
Sent: Friday, April 26, 2013 8:45 AM
To: Amanda Johnson
Subject: FW: Bureau Veritas Payment Receipt - March Invoice

From: sabrina.dickinson@us.bureauveritas.com [mailto:sabrina.dickinson@us.bureauveritas.com]
Sent: Friday, April 26, 2013 8:33 AM
To: Mark McDaniels; Michael Lewis
Cc: shamica.zenn@us.bureauveritas.com
Subject: Bureau Veritas Payment Receipt - March Invoice

Good Morning,

This is to confirm that Bureau Veritas has received payment for the following invoice:

Invoice 1182787
Dated 03/20/13
In the amount of $61,189.56

Thank you!

Sabrina Dickinson
Operations 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
This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com

"This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com"

Amanda Johnson

From: Mark McDaniels <mmcdaniels@cpv.com>
Sent: Thursday, June 06, 2013 4:46 PM
To: Amanda Johnson
Subject: Fwd: Bureau Veritas Payment Receipt - April Invoice
Attachments: 15649801.jpg

Mark McDaniels
Competitive Power Ventures
760-514-7277

Begin forwarded message:

From: "sabrina.dickinson@us.bureauveritas.com<mailto:sabrina.dickinson@us.bureauveritas.com>"
<sabrina.dickinson@us.bureauveritas.com<mailto:sabrina.dickinson@us.bureauveritas.com>>
Date: June 6, 2013, 4:11:57 PM PDT
To: Mark McDaniels <mmcdaniels@cpv.com<mailto:mmcdaniels@cpv.com>>, Michael Lewis
<mlewis@cpv.com<mailto:mlewis@cpv.com>>
Cc: "shamica.zenn@us.bureauveritas.com<mailto:shamica.zenn@us.bureauveritas.com>"
<shamica.zenn@us.bureauveritas.com<mailto:shamica.zenn@us.bureauveritas.com>>
Subject: Bureau Veritas Payment Receipt - April Invoice

Good Afternoon,

This is to confirm that Bureau Veritas has received payment for the following invoice:

Invoice 1186014
Dated 04/24/13
In the amount of $55,558.66

Thank you!

[cid:1__=07BBF111DFECC3AA8f9e8a@bureauveritas.com]

Sabrina Dickinson
Operations 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<mailto:sabrina.dickinson@us.bureauveritas.com>

www.us.bureauveritas.com/energyusa<http://www.us.bureauveritas.com/energyusa>
ISO 9001:2008 Certified
This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com

"This message contains confidential information.
To know more, please click on the following link: http://disclaimer.bureauveritas.com"

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
04/01/2013	Richard Sanchez	A.C. Dike Co.	[illegible]	[illegible]
4-1-13	KENT R. ARTHUR	A.C. DIKE CO.	[illegible]	
4-1-13	Jose Luis Fernandez	A.C. DIKE CO.	J Fernandez	
4-1-13	Amol Agashe	Aquatech	[illegible]	

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, ve 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 tl e required measures.

Date	Trainee (Print Name)	Trainee Affiliation	Trainee Signature	Trainer
4-2-13	Charlie Hernandez	JP Striping	[illegible]	[illegible]
4-2-13	Richard Ruehle	JP Striping	[illegible]	
4-2-13	Anthony Mitchell	J.P. Striping	[illegible]	

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
04-06-13	SRINIVASA V KANDUR	AQUATECH	K.S.V. Srinivas	
04-06-13	NILESH SATAMBEKA	AQUATECH	[illegible]	

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 Company	Trainee Signature	Trainer
4/8	James Sahagun	Alcorn	James Sahagun	[illegible]
4-8	Luis G Chigio	Alcorn	Luis Chigio	[illegible]
4-8	Luis A Armenta	Alcorn	Luis Armenta	[illegible]

WORKER ENVIRONMENTAL AWARENESS P

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
4/19	Charles Blakeley	AWS Trueponer		
4/18	Ken Gardner	DGC		
4/18	Tanya Perrault	AWS Trueponer	Tanya Perrault	
4/18	Robert Mastria	CPV		

APPENDIX D
Worker Safety

PROJECT SAFETY EVALUATION - Jobsite Inspection

Project Name:	CPV-Sentinel	Project #:	1101253	Site Manager:	Charles Collins
Client:	CPV	Date:	04/23/13	Project Superintendent:	Chris Smith
# Workers:	25	Evaluator:	M. Bennett	Safety Manager:	M.Brooks

Current Safety Statistics

Incident Rate:	1.09	Lost Time Rate:	0.27	Lost Work Day Incident Rate:	0

Total Points Received	231
Total Points Possible	237
Points Received divided by Points Possible = % Compliance	97%

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	1	Improving
b. Lost Time Rate at 0 (3 points), improving (1 point), increasing (0 points)	3	1	Improving
c. LWDI at 0 (3 points), improving (1 point), increasing (0 points)	3	1	Improving
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	21	
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	2	
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	21	

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	2	
f. Fire extinguishers are properly mounted or placed	2	2	
Total Points	11	11	
4. Hand Tools			
a. Proper tools are being used for each job	2	2	
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	8	
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	2	
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	18	

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	2	
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	Improving
Total Points	14	14	
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			
a. A competent person is designated	2	2	
b. Cables and sheaves inspected monthly	2	2	
b. Slings and chains, hook and eyes checked	2	2	
c. Equipment is firmly supported	2	2	
d. Outriggers used as required	2	2	
e. Power lines inactivated, removed, or at a safe distance	2	2	
f. Proper loading for capacity at lifting radius	2	2	
g. All equipment is properly lubricated and maintained	2	2	
h. There are signalmen where needed	2	2	
i. Signals are understood and observed	2	2	
j. Inspection and maintenance logs maintained	2	2	
k. Load charts are posted in the cab	2	2	
l. Fire extinguisher is installed	2	2	
Total Points	26	26	
13. Heavy Equipment			
a. Regular inspection and maintenance logs completed	2	2	
b. Lubrication and repair of moving parts done	2	2	
c. Lights, brakes, and warning signals are operative	2	2	
d. Wheels chocked when necessary	n/a	n/a	not observed
e. Haul road well maintained and laid out properly	2	2	
f. Back-up alarms installed and audible	2	2	
g. High-visibility safety vests required	2	2	
h. Equipment is protected from theft when not in use	2	2	
i. Shut-off devices are on hose lines in case of hose failure	2	2	
j. Noise arresters are in use	2	2	
k. Fire extinguisher is installed	2	2	
Total Points	20	20	

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	2	2	
d. Helmets and hoods	2	2	
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.	2	2	
h. Proper fall protection (safety harness, retractables, etc)	2	2	
Total Points	16	16	
16. Handling and Storage of Materials			
a. Materials are properly stored or stacked	2	2	
b. Passageways are clear	2	2	
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	18	
17. Masonry			n/a
a. Proper scaffolding used			
b. Masonry saws properly equipped and dust protection provided			
c. Safe hoisting equipment used			
Total Points	0	0	

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	2	2	
h. Storage area bermed for spills (should hold 2 1/2 times largest tank)	2	2	
Total Points	16	16	
20. Excavation and Shoring		n/a	
a. Adjacent structures properly shored			
b. Proper shoring and sheathing used for soil and depth			
c. Roads and sidewalks supported and protected			
d. Excavation barricaded and lighting is provided			
e. Equipment is a safe distance from edge of excavation			
f. Ladders provided where needed			
g. Equipment ramps are adequate			
h. Competent person designated			
i. Job supervision is adequate			
Total Points	0	0	

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			n/a
a. Forms properly installed and braced			
b. Adequate shoring, plumbed and cross braced			
c. Shoring remains in place until strength is attained			
d. Heating devices checked			
e. Mixing and transport equipment is supported and traffic planned and routed			
f. Adequate runways provided			
g. Protection from cement dust and concrete contact observed			
h. Shirts covering skin used			
i. Nails and stripped form material removed from area			
Total Points	0	0	

Gemma

GEMMA POWER SYSTEMS
ORIENTATION

DATE	COMPANY NAME	PRINT NAME	SIGN
4-1-13	A.C. DIKE COM.	Jose Luis Fernandez	
4-1-13	AC Dike Co	Richard Sanchez	
4-1-13	A C DIKE Co	KENT R ARTHUR	
		(Griffith)	
4-1-13	Aquatech International Corp	Amoi Agashe	Amashe

GEMMA POWER SYSTEMS
ORIENTATION

DATE	COMPANY NAME	PRINT NAME	SIGN
4-2-13	JP Striping	Charlie Hernandez	[illegible]
4-2-13	JP Striping	Richard Ruelle	[illegible]
4-2-13	JP Striping	Anthony Mitchell	Anthony Mitchell

GEMMA POWER SYSTEMS
ORIENTATION

DATE	COMPANY NAME	PRINT NAME	SIGN
5 APRIL 2013	IPA	BILL CALDWELL	[illegible]
5 APRIL 2013	IPA	PAUL CORWIN	Paul Corwin

GEMMA POWER SYSTEMS
ORIENTATION

DATE	COMPANY NAME	PRINT NAME	SIGN
04-06-2013	AQUATECH	SRINIVASA V KANDURI	K.Sudarsan
04-06-2013	AQUATECH	NILESH SATAMBEKAR	[illegible]

GEMMA POWER SYSTEMS
ORIENTATION

DATE	COMPANY NAME	PRINT NAME	SIGN
4/8/			
4-8	ALCORN	LUIS C ELIGIO	LUIS C ELIGIO
4-8	ALCORN	James Sahagun	James Sahagun
4-8	Alcorn	Luis A Armenta	Luis A Armenta

GEMMA POWER SYSTEMS
ORIENTATION

DATE	COMPANY NAME	PRINT NAME	SIGN
4/18	~~AWS Truepower~~		
4/18	AWS Truepower	Charles Belarden	
4/18	DGC	KENNETH GRAHAM	
4/18	AWS Truepower	Tanya Perrault	Tanya Perrault
4/18	CPV	Robert Mastria	

APPENDIX E
Biological Resources Monthly Summary Report

URS

Memorandum

Date: May 10, 2013

To: Kathy Rushmore, CPV Sentinel Interim Project Manager, URS Corporation

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

Subject: April 2013 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.

April 2013 Construction Activities Monitored

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

- Gemma utility crew worked on various tasks
- MILCO working on piping & drift eliminator installation
- Commissioning activities included running units for drift testing.

Specific Mitigation Measures Implemented in April 2013 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:

None.

Summary of Site Conditions:

Site conditions during the monitoring period had little or no habitat for native species. Partially constructed buildings may be conducive to nesting activity by native birds. No sensitive or listed wildlife species were observed during these activities.

Attached:

April 2013 weekly summary of daily biological monitoring

cc:

Maggie Fitzgerald, Sierra Research

Amanda Johnson, Sierra Research

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday April 1 to Sunday April 7, 2013
Biological Monitor(s): Christian Ceja
Days Worked: Monday April 1 to Friday April 5, 2013

Activities During the Week:
Gemma utility crew worked on various tasks
MILCO working on piping & drift eliminator installation
Commissioning activities included running units for drift testing.

Species Detected:
No sensitive species seen

Any wildlife injured or killed? No__X___ Yes____
No sensitive species or other small mammals and reptiles observed in the active construction zone

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday April 8 to Sunday April 14, 2013
Biological Monitor(s): Carter Carlton
Days Worked: Monday April 8 to Friday April 12, 2013

Activities During the Week:
Gemma utility crew worked on various tasks
MILCO working on piping & drift eliminator installation
Commissioning activities included running units for drift testing.

Species Detected:
No sensitive species seen

Any wildlife injured or killed? No__X___ Yes____
No sensitive species or other small mammals and reptiles observed in the active construction zone

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday April 15 to Sunday April 21, 2013
Biological Monitor(s): Carter Carlton
Days Worked: Monday April 15 to Friday April 19, 2013

Activities During the Week:
Gemma utility crew worked on various tasks
MILCO working on piping & drift eliminator installation
Commissioning activities included running units for drift testing.

Species Detected:
No sensitive species were observed

Any wildlife injured or killed? No__X___ Yes____
No sensitive species or other small mammals and reptiles observed in the active construction zone

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday April 22 to Sunday April 28, 2013
Biological Monitor(s): Carter Carlton
Days Worked: Monday April 22 to Friday April 26, 2013

Activities During the Week:
Gemma utility crew worked on various tasks
MILCO working on piping & drift eliminator installation
Commissioning activities included running units for drift testing.

Species Detected:
No sensitive species seen

Any wildlife injured or killed? No__X__ Yes____
No sensitive species or other small mammals and reptiles observed in the active construction zone

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

CPV Sentinel Power Project
Weekly Summary Sheet

Dates covered: Monday April 29 to Tuesday April 30, 2013
Biological Monitor(s): Carter Carlton
Days Worked: Monday April 29 to Tuesday April 30, 2013

Activities During the Week:
Gemma utility crew worked on various tasks
MILCO working on piping & drift eliminator installation
Commissioning activities included running units for drift testing.

Species Detected:
No sensitive species seen

Any wildlife injured or killed? No__X___ Yes____
No sensitive species or other small mammals and reptiles observed in the active construction zone

Compliance Observations and Issues

Noise
Trash
Work Limits
Other Notes:

APPENDIX F
Air Quality

Daily AQCMP Compliance Forms

E20.8AQCM TEMPLATE

Date: April 1st, 2013 **Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 55 degrees; Winds 20-33 mph from the North West

Site Conditions P.M: Temperature 67 degrees; Winds 35-55 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__04/01/ 2013_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

620.8AQCM TEMPLATE

Date: **April 2nd, 2013** **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 57 degrees; Winds 10-15 mph from the North West

Site Conditions P.M: Temperature 75 degrees; Winds 15-25 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/02/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 3rd, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 65 degrees; Winds 3-7 mph from the South

Site Conditions P.M: Temperature 88 degrees; Winds 8-17 mph from the South East

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/03/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

F20.8AQCM TEMPLATE

Date: April 4th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 70 degrees; Winds 9-11 mph from the North

Site Conditions P.M: Temperature 82 degrees; Winds 10-15 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/04/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 5th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 60 degrees; Winds 20-25 mph from the West

Site Conditions P.M: Temperature 76 degrees; Winds 31-33 mph from the East

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

– See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__04/05/ 2013_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 8th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 60 degrees; Winds 22-46 mph from the North

Site Conditions P.M: Temperature 63 degrees; Winds 40-75 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

– See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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__04/08/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 9th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 70 degrees; Winds 9-11 mph from the North

Site Conditions P.M: Temperature 82 degrees; Winds 10-15 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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 prescribed above accurately represents mitigation measures for control of air pollutant emissions for this day of the construction project. **Signature**_____ **Date**__**04/09/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 10th, 2013 **Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 75 degrees; Winds 23-33 mph from the North East

Site Conditions P.M: Temperature 80 degrees; Winds 20-30 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

– See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/10/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: **April 11th, 2013**	**Hours of Operation: 6:00am - 2:30pm**
Form Completed by (AQCMM or Delegate): Christian Ceja	
Site Conditions A.M: Temperature 69 degrees; Winds 0-9 mph from the North **Site Conditions P.M:** Temperature 79 degrees; Winds 15-25 mph from the North	
Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.	
Approximate Acreage of ground disturbed today: 0 acres	
Quantity, Model #, Serial # of Equipment Operating: *-- See diesel equipment log sheet for diesel equipment on site today –* **Water Loads:** *6*	

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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	Tackifted and water applied

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 are checked daily
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**__**04/11/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

B20.8AQCM TEMPLATE

Date: April 12th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 70 degrees; Winds 10-20 mph from the North

Site Conditions P.M: Temperature 84 degrees; Winds 20-30 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/12/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 15th, 2013 **Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 50 degrees; Winds 20-30 mph from the North

Site Conditions P.M: Temperature 65 degrees; Winds 25-30 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/15/ 2013**_____			
Circle Title (AQCMM) (AQCMM Delegate)			

E20.8AQCM TEMPLATE

Date: April 16th, 2013	**Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 51 degrees; Winds 22-39 mph from the North

Site Conditions P.M: Temperature 63 degrees; Winds 25-45 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/16/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

620.8AQCM TEMPLATE

Date: April 17th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 58 degrees; Winds 9-10 mph from the North

Site Conditions P.M: Temperature 63 degrees; Winds 10-30 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/17/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 18th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 62 degrees; Winds11-29 mph from the North East

Site Conditions P.M: Temperature 82 degrees; Winds 10-15 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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__04/18/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 19th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 57 degrees; Winds 10-15 mph from the West

Site Conditions P.M: Temperature 78 degrees; Winds 20-30 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/19/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

620.8AQCM TEMPLATE

Date: April 22nd, 2013 **Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 60 degrees; Winds 24-30 mph from the West

Site Conditions P.M: Temperature 89 degrees; Winds 20-35 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/22/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

B20.8AQCM TEMPLATE

Date: April 23 rd, 2013 — **Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 61 degrees; Winds 8-15 mph from the West

Site Conditions P.M: Temperature 89 degrees; Winds 10-25 mph from the West

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/23/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

B20.8AQCM TEMPLATE

Date: **April 24th, 2013** **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 61 degrees; Winds 5-15 mph from the West

Site Conditions P.M: Temperature 77 degrees; Winds 25-45 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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__04/24/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: **April 25th, 2013** **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 61 degrees; Winds 10-15 mph from the West

Site Conditions P.M: Temperature 77 degrees; Winds 30-45 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

– See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/25/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

020.8AQCM TEMPLATE

Date: April 26th, 2013	**Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 70 degrees; Winds 5-10 mph from the North West

Site Conditions P.M: Temperature 83 degrees; Winds 10-20 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

– See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/26/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 29th, 2013 **Hours of Operation: 6:00am - 2:30pm**

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 84 degrees; Winds 5-15 mph from the North West

Site Conditions P.M: Temperature 100 degrees; Winds 10-15 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today --

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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__04/29/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

E20.8AQCM TEMPLATE

Date: April 30th, 2013	**Hours of Operation:** 6:00am - 2:30pm

Form Completed by (AQCMM or Delegate): Christian Ceja

Site Conditions A.M: Temperature 76 degrees; Winds 15-20 mph from the North West

Site Conditions P.M: Temperature 94 degrees; Winds 20-30 mph from the North

Current Construction Activities: Punch list tasks, fencing perimeter, units running for commissioning & certification activities, rocking and ongoing site cleanup.

Approximate Acreage of ground disturbed today: 0 acres

Quantity, Model #, Serial # of Equipment Operating:

-- See diesel equipment log sheet for diesel equipment on site today –

Water Loads:

6

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.	Yes	Monitored with wash station available as needed.	Melissa Lane connected to Dillon Road.
Gravel ramps at least 20 feet in length must be provided at the tire washing/cleaning station.	Yes	Gravel surface in place.	Melissa Lane connected to Dillon Road

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.	Yes	Monitored	Melissa Lane paved road reaches 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 with water truck.
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 applied

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 are checked daily
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**__**04/30/ 2013**_____ **Circle Title (AQCMM) (AQCMM Delegate)**			

Equipment Log

CPV Sentinel Energy Project Site
Equipment On Site
April 2013

Rental Equipment									
Sub ID	Brand	Type	CARB/License Tag	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	Peterbuilt	Water Truck	576180 (CA plate)	F	NA	On-Road	0165	29-Aug-11	9-Nov-12
Rental	Ford	Water Truck	CA-202716	F	F-750	On-Road	0296	12-Nov-12	
GEMMA									
Sub ID	Brand	Type	EIN or CARB No	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	JLG	Forklift	XF9R89	F	G10-55A	Tier3	0325	31-May-12	
Rental	John Deere	Loader	BY5F53	F	210LJ	Tier3	0185	13-Aug-12	
Rental	Doosan	Air Compressor	159452	NA	Cummins EMUT-3	Tier3	0233	20-Aug-12	23-Oct-12
Rental	MQ Power	Air Compressor	136186	NA	DCA400SSV	Tier2	0259	22-Oct-12	2-Nov-12
Rental	Kobelco	Excavator	JN3S49	F	SK210	Tier3	0341	12-Nov-12	6-Dec-12
Rental	Tekuichi	Loader	CE7J94	F	TL150	Tier3	0343	4-Jan-13	11-Jan-13
Rental	JLG	Forklift	BJ5B48	F	G10-55A	Tier3	0386	6-Dec-12	
MJ Electric									
Sub ID	Brand	Type	EIN or CARB No	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	JLG	Forklift	XA5183	R	G12-55A	Tier3	0136	20-Jan-12	3/28/2013
Rental	Sky Power	Jig Lift	JY3J44	F	600S	Tier2	0324	31-May-12	28-Jan-13
Rental	Genie	Jig Lift	JS9F64	R	Z-80/60	Tier2	0096	20-Jul-12	28-Jan-13
Rental	JLG	Boom Lift	WC9F84	R	660SJ	Tier3	0168	9-Aug-12	28-Mar-13
Rental	JLG	Forklift	AB6M49	F	G9-43A	Tier3	0248	6-Aug-12	28-Mar-13
Rental	JLG	Boom Lift	LE7W68	R	800AJ	Tier3	0253	11-Sep-12	28-Mar-13
Barnhart Crane & R									
Sub ID	Brand	Type	EIN or CARB No	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	Ford	Dump Truck	CA 7R53921	F	F-6 50 XL	On Road	0153	11-Jan-12	3-Dec-12
Rental	Western Star	Tractor	TNS975HZ	F	Detroit Diesel 0015	On Road	0088	9-Jan-12	3-Dec-12
Rental	CAT	Forklift	HT7W88	F	TL1055	Tier3	0199	13-Aug-12	26-Dec-12
Rental	CAT	Forklift	DF9U37	F	330	Tier3	0268	21-Set-12	3-Dec-12
Milco Constructors Inc.									
Sub ID	Brand	Type	EIN or CARB No	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	HYSTER	Forklift	LK6T66	R	Hyster 300	Tier2	0104	23-Jan-12	28-Mar-13
Rental	EXTREME	Forklift	RE4G59	R	XRM1254	Tier2	0072	1-Mar-12	28-Mar-13
Rental	MGM	Forklift	SK5T95	R	Terex TH1056C	Tier3	0140	9-Mar-12	28-Mar-13
Rental	Maxim Crane	Crane Hoist	MT5U88	R	Link Belt 8090	Tier3	0138	14-Mar-12	28-Mar-13
Rental	Atlas Copco	Air Compressor	AR141567	NA	Stationary	Tier2	0155	15-Mar-12	28-Mar-13
Rental	Maxim Crane	Crane Hoist	CT8S49	F	RT-2250	Tier3	0383	2-Apr-12	24-Jan-13
Rental	JLG	Boom Lift	MD5B83	R	JLG800AJ	Tier3	0025	11-Apr-12	28-Mar-13
Rental	JLG	Boom Lift	WK5K84	R	JLG 800AJ	Tier3	0369	25-Apr-12	28-Mar-13
Rental	JLG	Boom Lift	DM3C86	R	JLG 800AJ	Tier3	0350	4-May-12	3/28/2013
Rental	Hyster	Forklift	KH9A63	F	210	Tier2	0283	26-Sep-12	3/28/2013
Rental	skytrak	FORKLIFT	UF9E78	F	10054	Tier3	0204	26-Sep-12	2-Jan-12

Rental	Gradall	Forklift	JT9P56	F	534B	Tier2	0282	26-Sep-12	3/28/2013
Rental	JLG	Boom Lift	HA6K65	R	600S	Tier3	0312	1-Nov-12	3/28/2013
Rental	Maxim Crane	Terex Crane	PA- AF-12861	F	1933	Open Road	0297	9-Nov-12	3/28/2013
Rental	Extreme	Forklift	RG5C68	F	842	Tier3	0387	7-Dec-12	3/28/2013
Rental	EXTREME	Forklift	GY4R88	F	XRM1045	Tier3	0371"	1-Jan-13	3/28/2013
BETA									
Sub ID	Brand	Type	EIN or CARB No	**F/R**	Model	**Engine Type**	**URS ID**	Arrive on-site	Leave Site
Rental	JLG	Forklift	UA4979	R	JLG10054	Tier3	0370	23-Apr-12	10-Oct-12
Babcock & Wilcox									
Sub ID	Brand	Type	EIN or CARB No	**F/R**	Model	**Engine Type**	**URS ID**	Arrive on-site	Leave Site
Rental	JLG	Forklift	AW6L59	R	JLG 10054	Tier3	0070	27-Mar-12	25-Oct-12
Rental	Mr Crane	Crane Hoist	GH6U87	F	Epic 888	Tier3	0021	3-Apr-12	25-Oct-12
Rental	JLG	Boom Hoist	HB6F59	R	JLG 600AJ	Tier3	0054	3-Apr-12	25-Oct-12
Rental	JLG	Boom Hoist	ST5S64	F	JLG800A	Tier4	0400	25-Apr-12	24-Oct-12
Rental	Inquipco	Crane Hoist	HR3X86	F	RT-780	Tier3	0167	7-Aug-12	25-Oct-12
Rental	Genie	Boom Lift	VK3B57	R	Z-60/34	Tier3	0184	10-Aug-12	1-Oct-12
Rental	JLG	Boom Lift	TE7W96	R	600S	Tier3	0313	1-Oct-12	24-Oct-12
ACCO									
Sub ID	Brand	Type	EIN or CARB No	**F/R**	Model	**Engine Type**	**URS ID**	Arrive on-site	Leave Site
Rental	JLG	Forklift	NW3033	F	8062	Tier3	0352	8-May-12	12-Nov-12
Rental	JLG	Forklift	KU7A57	F	8042	Tier3	0163	11-Jun-12	12-Nov-12
Rental	JLG	Forklift	NH5T49	F	10054	Tier3	0172	29-Jun-12	12-Nov-12
Rental	Genie	Boom Lift	NK9H97	R	S-85	Tier4	0186	18-Jun-12	12-Nov-12
Rental	Maxim	Crane	CC8X65	F	RT450	Tier1	0235	23-Jul-12	17-Oct-12
Rental	Genie	Boom Lift	SP9S45	R	S-80	Tier2	0388	3-Aug-12	12-Nov-12
Rental	JLG	Boom Lift	WY3P84	R	1200SJP	Tier3	0095	13-Aug-12	12-Nov-12
Rental	Genie	Boom Lift	EL3K98	R	S-85	Tier4	0200	20-Aug-12	12-Nov-12
Rental	Maxim	Crane	GF9D89	F	RT600E	Tier3	0257	18-Oct-12	12-Nov-12
Rental	Link Belt	Crane	FN9D65	F	RTG8075	Tier3	0258	18-Oct-12	12-Nov-12
Rental	Skypower	Boom Lift	WJ6B94	R	860SJ	Tier3	0311	22-Oct-12	12-Nov-12
SIEMANS									
Sub ID	Brand	Type	EIN or CARB No	**F/R**	Model	**Engine Type**	**URS ID**	Arrive on-site	Leave Site
Rental	MQ Power	Generator	148955	NA	NA	Tier3	0264	19-Jul-12	18-Jan-13
Rental	Genie	Boom Lift	NA3M59	R	S-85	Tier3	0220	27-Jul-12	18-Jan-13
Rental	JLG	Forklift	GP7S78	F	10054	Tier4	0326	1-Aug-12	18-Jan-13
Rental	JLG	Forklift	KY5L93	F	10054	Tier3	0201	17-Aug-12	18-Jan-13
Rental	Link Belt	Crane	BY6R33	F	RTG8065	Tier3	0231	23-Aug-12	18-Jan-13
Rental	JLG	Forklift	XT4L56	F	8042	Tier3	0373	2-Jan-13	18-Jan-13
Rental	Genie	Forklift	AB6Y73	F	G10-55A	Tier3	0298	1-Nov-12	18-Jan-13
ARB									

CPV Sentinel Energy Project Site
Equipment On Site
April 2013

Sub ID	Brand	Type	EIN or CARB No	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
ARB	Volvo	Pipelayer	WX9E35	F	PL3005SD	**Tier4**	0143	**41142**	**41192**
ARB	CAT	Excavator	DS7W38	F	336DL	Tier3	0094	21-Aug-12	10-Oct-12
Quinn CAT	CAT	Dozer	MK8H55	F	D6N	Tier3	0144	21-Aug-12	8-Oct-12
Quinn CAT	CAT	Loader	RR4P47	F	966K	Tier3	0112	21-Aug-12	10-Oct-12
Coastline Eqp	John Deere	Trackhoe	KH6F64	F	710J	Tier3	0111	21-Aug-12	23-Oct-12
ARB	Ford	Utility Truck	CA56931F1	F	F550	Open Road	0109	21-Aug-12	2-Oct-12
Sunbelt Rentals	Skytrak	Forklift	TU7C34	F	10054	Tier3	0125	21-Aug-12	31-Oct-12
ARB	Ford	Crew Truck-coating	CA3139E1	F	F550	Open Road	0159	21-Aug-12	29-Oct-12
ARB	CAT	Side Boom	LF8R66	F	583T	Tier3	0160	23-Aug-12	8-Oct-12
ARB	Ford	Boom Truck	CA8J15814	F	F-550	Open Road	0110	23-Aug-12	1-Oct-12
ARB	Freightliner	Water Truck	CA570672	F	NA	Open Road	0158	23-Aug-12	2-Oct-12
ARB	Ford	Utility Truck	CA7E30139	F	F-650	Open Road	0157	23-Aug-12	24-Oct-12
ARB	CAT	Side Boom	EC7V55	F	D6K	Tier3	0141	23-Aug-12	8-Oct-12
Rental	Peterbuilt	Water Truck	CA58573B1	F	NA	Open Road	0217	27-Aug-12	24-Oct-12
Rental	John Deere	Loader/Back Hoe	HU6E83	F	710J	Tier3	0262	28-Aug-12	9-Oct-12
Rental	Ford	Water Truck	CA493648	F	NA	Open Road	0260	28-Aug-12	10-Oct-12
ARB	CAT	Excavator	SS5D33	F	336E	Tier3	0277	29-Aug-12	24-Oct-12
Rental	International	Water Truck	CG49867 AZ	F	4400 DT466	Open Road	0261	29-Aug-12	10-Oct-12
Rental	Ford	Utility Truck	CA7K91302	F	F-650	Open Road	0275	29-Aug-12	5-Oct-12
Rental	Perterbuilt	Haul Truck	CA9D67081	F	NA	Open Road	0276	29-Aug-12	24-Oct-12
Rental	International	Water Truck	CA202716 DOT	F	Max Force Work Star	Open Road	0292	28-Aug-12	10-Oct-12
Miller Eqp	CAT	Grader	CT7W37	F	16H	Tier3	0215	31-Aug-12	9-Oct-12
ARB	CAT	Side Boom	XK8U48	F	572G	Tier3	0132	30-Aug-12	8-Oct-12
ARB	BOMAG	Sheepsfoot Roller	GY6F89	F	BW-213PDH-40	Tier3	0291	4-Sep-12	24-Oct-12
ARB	CAT	Excavator	VJ6T56	F	336DL	Tier3	0322	11-Aug-12	10-Oct-12
ARB	CAT	Loader	XE4U38	F	966K	Tier3	0290	10-Aug-12	10-Oct-12
ARB	TEREX	Crane	MR9U89	F	RT780	Tier2	0321	24-Sep-12	24-Oct-12
ARB	CAT	Excavator	HB4S59	F	321DL	Tier3	0281	25-Sep-12	5-Oct-12
ARB	CAT	Loader	CT5A83	F	966H	Tier3	0224	26-Sep-12	24-Oct-12

Griffith Company

Sub ID	Brand	Type	EIN or CARB No	F/R	Model	Engine Type	URS ID	Arrive on-site	Leave Site
Rental	John Deere	Post Hole Digger	GM3H75	F	328	Tier3	0329	27-Nov-12	12-Dec-12

Diesel Fuel Receipts

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
X ☐ KENNY STRICKLAND, INC.	P.O. BOX 943, IMPERIAL, CA 92251	OFFICE: 760-355-0332 FAX: 760-355-0338
☐ HEMET OIL COMPANY,	P.O. BOX 766, HEMET, CA 92546	OFFICE: 951-658-5180 FAX: 951-658-7068
☐ KENNY STRICKLAND, INC.	270 W LINCOLN, BANNING, CA 92220	OFFICE: 951-922-8882 FAX: 951-922-8896

ACCOUNT NUMBER: 10094

INVOICE NUMBER 4097/20

SOLD TO:

GEMMA POWER SYSTEM
760 671 3245
2461 MAIN STREET
GLASTONBURY, CT 06033

SHIP TO: 0000002
DESERT HOT SPRINGS
PROJECT #1101253

DATE 04/09/13

PG 1 of 1

PURCHASE ORDER NUMBER	RELEASE	ORDERED BY	TERMS	DUE DATE	DELIVERY DATE
11-01253-0365		010	NET DUE 15 DAY	04/24/13	04/09/13

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		339					
		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	0021879				
AFTER	0022068				

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

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

SALES TAX: See Above

TOTAL: 0.00

ST DUE AFTER [illegible] . If account unpaid within time permitted, customer ees to pay interest at 1.5% PER ANNUM and attorney's fees if account is referred to ttorney for collection. The undersigned hereby states that he is authorized to bind the ipal to the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT: CHEMTREC 1-800-424-9300

RS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

ADJUSTED TOTAL 0.00

E GROUND ☐ UNDER GROUND TANK ☐ CERTIFIED INVOICE

DELIVERED BY (SIGNATURE IN FULL) X

RECEIVED IN GOOD ORDER X

KENNY STRICKLAND INC.

FED ID# 95-3647683

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
X ☐ KENNY STRICKLAND, INC	P.O. BOX 943, IMPERIAL, CA 92251	OFFICE 760-355-0032 FAX 760-355-0338
☐ HEMET OIL COMPANY,	P.O. BOX 766, HEMET CA 92546	OFFICE 951-658-5180 FAX 951-658-7068
☐ KENNY STRICKLAND, INC.	270 W LINCOLN, BANNING, CA 92220	OFFICE 951-922-8882 FAX 951-922-8896

SOLD TO

BEMMA POWER SYSTEM
760 671 3245
2461 MAIN STREET
GLASTONBURY, CT 06033

14

ACCOUNT NUMBER 10094

SHIP TO: 0000002
DESERT HOT SPRINGS
PROJECT #1101253

INVOICE NUMBER 4099385

DATE 04/23/13

PG 1 of 1

11-0125J-0365 | 012 | NET DUE 15 DAY | 05/08/13 | 04/23/13

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 Nontaxable Use Only ----						
		*** Penalty for Taxable Use.						***
	BULK	000143 PREM/DYED ULS DSL	318					***
		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 2

BEFORE 0255592

AFTER 0255710

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

SALES TAX See Above

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

TOTAL 0.00

PAST DUE AFTER 05/08/13 ... 18% PER ANNUM and attorney's fees if account is referred to ... collection. The undersigned hereby states that he ... the terms hereof.

Number of Drums Returned X $ < >

EMERGENCY CONTACT CHEMTREL 1 800 424 9300

ERRORS IN PRICE EXTENSION AND ADDITION SUBJECT TO CORRECTION

ADJUSTED TOTAL 0.00

X

Equipment Owner Letters

Sierra Research
Attn. Tom Andrews

April 30th, 2013

Dear Mr. Andrews,

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 G10-55A T-3 URS#0325
2. John Deere Loader 210LJ T-3 URS#0185

This equipment errived at the CSEP site starting 24-Oct 2011. All off-road equipment exceeding 50 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. In the event a Tier 3 engine was not available, the following equipment suppliers were contected in attempt to locate this equipment:

Supplier 1: _____ Date: _____

Name Point-of-contact: _____ Phone#: _____

Supplier 2: _____ Date: _____

Name Point-of-contact: _____ Phone#: _____

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.

Name: [illegible] Date: 5-9-13

Company: Gemma Title: Civil Superintendent

Sierra Research
Attn. Tom Andrews
April 30th, 2013

Dear Mr. Andrews,
For site work construction at the CPV Sentinel Energy Project, LLC (CSEP) site, MILCO will use the following diesel-powered equipment:

1. EXTREME Forklift XRM1254 T-2 URS#0072 — Removed previous Month
2. MGM TEREX Forklift 1056C T-3 URS#0140
3. Maxim Crane Link Belt 8090 T-3 URS#0138 — "
4. Maxim Crane RT-2250 T-3 URS#0383 — "
5. JLG Boom Lift 800AJ T-3 URS#0025
6. JLG Boom Lift 800AJ T-3 URS#0369 — "
7. JLG Boom Lift DM3C86 T-3 URS#0350
8. Air Compressor Generator AR 141567 T-2 URS# 0155
9. Hyster Forklift 300 T-2 URS#0104 — "
10. Hyster Forklift 210 T-2 URS#0283
11. Gradall Forklift 534B T-2 URS#0282 — "
12. JLG Boom Lift 600S T-3 URS#0312 — "
13. Maxim Crane 1933 Open Road URS#0297

This equipment arrived at the CSEP site starting 1-March-2012. All off-road equipment exceeding 50 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 MILCO to locate it. This level of effort is satisfactory to the AQCMM. In the event a Tier 3 engine was not available, the following equipment suppliers were contacted in attempt to locate this equipment:

Supplier 1: _____ Date: _____

Name Point-of-contact: _____ Phone#: _____

Supplier 2: _____ Date: _____

Name Point-of-contact: _____ Phone#: _____

MILCO 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 MILCO will not be moving its equipment out of state, all fuel purchased for utilization on this project will be ultra-low sulfur diesel.

Name: Brian Lehtola Date: 6-6-2013

Company: MILCO Title: Superintendent

Commissioning Phase Data

Apr 2013 - CPV Sentinel Commissioning Unit 1 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D1	0	0	0	0	0	0	0	749	340	0.0
2	D1	0	0	0	0	0	0	0	907	340	0.0
3	D1	0	0	0	0	0	0	0	1,025	340	0.0
4	D1	0	0	0	0	0	0	0	547	340	0.0
5	D1	0	0	0	0	0	0	0	925	340	0.0
6	D1	0	0	0	0	0	0	0	799	340	0.0
7	D1	0	0	0	0	0	0	0	905	340	0.0
8	D1	2.0	1.6	35.5	30.7	4.1	1.1	9.2	1,597,800	340	0.0
9	D1	0	0	0	0	0	0	0	971,532	340	0.0
10	D1	10.7	9.4	105.6	55.0	23.8	6.5	53.9	4,766,626	340	0.1
11	D1	24.0	20.0	147.4	95.3	50.5	13.8	114.4	9,068,945	340	0.1
12	D1	14.4	11.3	85.0	41.5	28.5	7.8	64.7	7,479,784	340	0.1
13	D1	0	0	0	0	0	0	0	4,866,967	340	0.1
14	D1	0	0	0	0	0	0	0	3,117,664	340	0.0
15	D1	0	0	0	0	0	0	0	146,911	340	0.0
16	D1	0	0	0	0	0	0	0	1,116	340	0.0
17	D1	0	0	0	0	0	0	0	81,557	340	0.0
18	D1	0	0	0	0	0	0	0	438,723	340	0.0
19	D1	0	0	0	0	0	0	0	2,278,183	340	0.0
20	D1	0	0	0	0	0	0	0	689,797	340	0.0
21	D1	0	0	0	0	0	0	0	852,482	340	0.0
22	D1	0	0	0	0	0	0	0	0	0	0.0
23	D1	0	0	0	0	0	0	0	0	0	0.0
24	D1	0	0	0	0	0	0	0	0	0	0.0
25	D1	0	0	0	0	0	0	0	0	0	0.0
26	D1	0	0	0	0	0	0	0	963,445	340	0.0
27	D1	0	0	0	0	0	0	0	1,416,024	340	0.0
28	D1	0	0	0	0	0	0	0	750,332	340	0.0
29	D1	0	0	0	0	0	0	0	791,172	340	0.0
30	D1	0	0	0	0	0	0	0	515,355	340	0.0
Total Monthly =		51.1	42.4	373.5	222.4	106.9	29.3	242.2			0.6

Completion of commissioning for Units 1-3 on 4/5/2013

NOx (lbs/day) emissions reported for Apr are RTU values; CO (lbs/day) emission reported for Apr are CEMS values

Apr 2013 - CPV Sentinel Commissioning Unit 2 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D7	0	0	0	0	0	0	0	0	0	0.0
2	D7	0	0	0	0	0	0	0	0	0	0.0
3	D7	0	0	0	0	0	0	0	0	0	0.0
4	D7	0	0	0	0	0	0	0	0	0	0.0
5	D7	0	0	0	0	0	0	0	0	0	0.0
6	D7	0	0	0	0	0	0	0	0	0	0.0
7	D7	0	0	0	0	0	0	0	0	0	0.0
8	D7	2.0	1.5	18.9	11.7	3.8	1.0	8.6	1,135,959	370	0.0
9	D7	0	0	0	0	0	0	0	0	0	0.0
10	D7	12.9	11.2	99.5	58.5	28.3	7.8	64.2	5,176,084	370	0.1
11	D7	24.0	19.7	146.6	55.5	49.5	13.6	112.3	9,108,138	370	0.1
12	D7	14.2	11.2	84.9	28.7	28.2	7.7	63.8	7,369,523	370	0.1
13	D7	0	0	0	0	0	0	0	4,772,093	370	0.1
14	D7	0	0	0	0	0	0	0	2,979,091	370	0.0
15	D7	0	0	0	0	0	0	0	0	0	0.0
16	D7	0	0	0	0	0	0	0	0	0	0.0
17	D7	0	0	0	0	0	0	0	0	0	0.0
18	D7	0	0	0	0	0	0	0	0	0	0.0
19	D7	0	0	0	0	0	0	0	1,290,591	370	0.0
20	D7	0	0	0	0	0	0	0	0	0	0.0
21	D7	0	0	0	0	0	0	0	0	0	0.0
22	D7	0	0	0	0	0	0	0	0	0	0.0
23	D7	0	0	0	0	0	0	0	0	0	0.0
24	D7	0	0	0	0	0	0	0	0	0	0.0
25	D7	0	0	0	0	0	0	0	0	0	0.0
26	D7	0	0	0	0	0	0	0	0	0	0.0
27	D7	0	0	0	0	0	0	0	634,716	370	0.0
28	D7	0	0	0	0	0	0	0	0	0	0.0
29	D7	0.4	0.05	8.4	3.1	0.1	0.0	0.3	549,210	370	0.0
30	D7	0	0	0	0	0	0	0	0	0	0.0
Total Monthly =		53.5	43.6	358.3	157.6	110.0	30.1	249.2			0.5

Completion of commissioning for Units 1-3 on 4/5/2013

NOx (lbs/day) emissions reported for Apr are RTU values; CO (lbs/day) emission reported for Apr are CEMS values

Apr 2013 - CPV Sentinel Commissioning Unit 3 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D13	0	0	0	0	0	0	0	0	0	0.0
2	D13	0	0	0	0	0	0	0	0	0	0.0
3	D13	0	0	0	0	0	0	0	0	0	0.0
4	D13	0	0	0	0	0	0	0	0	0	0.0
5	D13	0	0	0	0	0	0	0	0	0	0.0
6	D13	0	0	0	0	0	0	0	0	0	0.0
7	D13	0	0	0	0	0	0	0	0	0	0.0
8	D13	2.0	1.6	17.1	18.8	4.0	1.1	9.0	1,206,358	490	0.0
9	D13	0	0	0	0	0	0	0	0	0	0.0
10	D13	10.8	9.7	90.5	71.9	24.4	6.7	55.2	4,435,311	490	0.1
11	D13	24.0	20.3	145.8	92.5	51.1	14.0	115.9	9,106,349	490	0.2
12	D13	16.1	13.1	97.3	52.1	33.1	9.1	75.0	7,663,310	490	0.2
13	D13	0	0	0	0	0	0	0	4,726,874	490	0.1
14	D13	0	0	0	0	0	0	0	2,987,884	490	0.1
15	D13	0	0	0	0	0	0	0	0	0	0.0
16	D13	0	0	0	0	0	0	0	0	0	0.0
17	D13	0	0	0	0	0	0	0	0	0	0.0
18	D13	0	0	0	0	0	0	0	0	0	0.0
19	D13	0	0	0	0	0	0	0	1,331,223	490	0.0
20	D13	0	0	0	0	0	0	0	0	0	0.0
21	D13	0	0	0	0	0	0	0	0	0	0.0
22	D13	0	0	0	0	0	0	0	0	0	0.0
23	D13	0	0	0	0	0	0	0	0	0	0.0
24	D13	0	0	0	0	0	0	0	0	0	0.0
25	D13	0	0	0	0	0	0	0	0	0	0.0
26	D13	0	0	0	0	0	0	0	0	0	0.0
27	D13	0	0	0	0	0	0	0	698,449	490	0.0
28	D13	0	0	0	0	0	0	0	0	0	0.0
29	D13	1.1	0.8	29.5	16.0	1.9	0.5	4.3	863,202	490	0.0
30	D13	0	0	0	0	0	0	0	0	0	0.0
Total Monthly =		54.0	45.4	380.1	251.3	114.5	31.3	259.3			0.7

Completion of commissioning for Units 1-3 on 4/5/2013

NOx (lbs/day) emissions reported for Apr are RTU values; CO (lbs/day) emission reported for Apr are CEMS values

Apr 2013 - CPV Sentinel Commissioning Unit 4 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D19	0	0	0	0	0	0	0	123	233	0.0
2	D19	0	0	0	0	0	0	0	309	233	0.0
3	D19	0	0	0	0	0	0	0	296	233	0.0
4	D19	0	0	0	0	0	0	0	287	233	0.0
5	D19	0	0	0	0	0	0	0	238	233	0.0
6	D19	0	0	0	0	0	0	0	320	233	0.0
7	D19	1.1	0.6	15.6	13.1	1.1	0.1	1.4	880,825	233	0.0
8	D19	2.4	1.8	56.1	33.3	3.7	0.2	4.5	1,186,614	233	0.0
9	D19	0	0	0	0	0	0	0	130,334	233	0.0
10	D19	10.6	9.4	86.9	40.6	19.4	1.1	23.4	4,438,798	233	0.0
11	D19	24.0	20.0	134.5	54.9	41.3	2.4	49.9	9,085,927	233	0.1
12	D19	14.3	11.3	77.1	20.9	23.4	1.4	28.3	7,345,322	233	0.1
13	D19	0	0	0	0	0	0	0	4,682,529	233	0.0
14	D19	0	0	0	0	0	0	0	2,932,248	233	0.0
15	D19	0	0	0	0	0	0	0	47,259	233	0.0
16	D19	0	0	0	0	0	0	0	11,227	233	0.0
17	D19	0	0	0	0	0	0	0	162,974	233	0.0
18	D19	0	0	0	0	0	0	0	245	233	0.0
19	D19	0	0	0	0	0	0	0	1,475,014	233	0.0
20	D19	0	0	0	0	0	0	0	52,486	233	0.0
21	D19	0	0	0	0	0	0	0	232,784	233	0.0
22	D19	0	0	0	0	0	0	0	174	233	0.0
23	D19	0	0	0	0	0	0	0	304	233	0.0
24	D19	0	0	0	0	0	0	0	0	0	0.0
25	D19	0	0	0	0	0	0	0	0	0	0.0
26	D19	0	0	0	0	0	0	0	0	0	0.0
27	D19	0	0	0	0	0	0	0	705,550	233	0.0
28	D19	0	0	0	0	0	0	0	1,041	233	0.0
29	D19	0	0	0	0	0	0	0	166,015	233	0.0
30	D19	0	0	0	0	0	0	0	117	233	0.0
Total Monthly =		52.4	43.1	370.2	162.7	88.9	5.2	107.4			0.3

Completion of commissioning for Units 4-8 on 4/22/2013

NOx (lbs/day) emissions reported for Apr are RTU values; CO (lbs/day) emission reported for Apr are CEMS values

Apr 2013 - CPV Sentinel Commissioning Unit 5 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D25	0	0	0	0	0	0	0	94,583	982	0.0
2	D25	0	0	0	0	0	0	0	156,434	982	0.0
3	D25	0	0	0	0	0	0	0	283,921	982	0.0
4	D25	0.9	0.2	19.0	0.6	0.4	0.0	0.5	1,579,433	982	0.1
5	D25	1.0	0.4	20.0	13.5	0.9	0.1	1.1	1,319,504	982	0.1
6	D25	0	0	0	0	0	0	0	89,724	982	0.0
7	D25	0	0	0	0	0	0	0	266	982	0.0
8	D25	1.4	1.1	56.6	33.7	2.3	0.1	2.8	944,992	982	0.0
9	D25	0	0	0	0	0	0	0	584,757	982	0.0
10	D25	12.4	11.4	113.8	62.6	23.4	1.4	28.3	5,242,536	982	0.2
11	D25	24.1	20.3	145.3	50.6	41.9	2.4	50.6	9,103,124	982	0.4
12	D25	14.4	11.5	86.0	19.2	23.8	1.4	28.8	7,539,362	982	0.3
13	D25	0	0	0	0	0	0	0	4,958,962	982	0.2
14	D25	0	0	0	0	0	0	0	3,204,461	982	0.1
15	D25	0	0	0	0	0	0	0	537,804	982	0.0
16	D25	0	0	0	0	0	0	0	133,121	982	0.0
17	D25	0	0	0	0	0	0	0	202,193	982	0.0
18	D25	0	0	0	0	0	0	0	374,347	982	0.0
19	D25	0	0	0	0	0	0	0	1,568,138	982	0.1
20	D25	0	0	0	0	0	0	0	233,688	982	0.0
21	D25	0	0	0	0	0	0	0	162,211	982	0.0
22	D25	0	0	0	0	0	0	0	122,055	982	0.0
23	D25	0	0	0	0	0	0	0	85,404	982	0.0
24	D25	0	0	0	0	0	0	0	0	0	0.0
25	D25	0	0	0	0	0	0	0	0	0	0.0
26	D25	0	0	0	0	0	0	0	744,289	982	0.0
27	D25	0	0	0	0	0	0	0	1,183,443	982	0.0
28	D25	0	0	0	0	0	0	0	332,165	982	0.0
29	D25	0	0	0	0	0	0	0	64,834	982	0.0
30	D25	0	0	0	0	0	0	0	339	982	0.0
Total Monthly =		54.2	45.0	440.6	180.3	92.8	5.4	112.2			1.7

Completion of commissioning for Units 4-8 on 4/22/2013

NOx (lbs/day) emissions reported for Apr are RTU values; CO (lbs/day) emission reported for Apr are CEMS values

Apr 2013 - CPV Sentinel Commissioning Unit 6 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D31	0	0	0	0	0	0	0	888	441	0.0
2	D31	0	0	0	0	0	0	0	1,013	441	0.0
3	D31	0	0	0	0	0	0	0	816	441	0.0
4	D31	0	0	0	0	0	0	0	844	441	0.0
5	D31	1.9	1.4	42.7	12.2	2.8	0.2	3.4	1,530,673	441	0.0
6	D31	1.7	0.9	15.2	4.5	1.9	0.1	2.3	901,672	441	0.0
7	D31	0.9	0.5	12.0	0.9	1.1	0.1	1.3	656,206	441	0.0
8	D31	1.4	1.0	36.1	31.5	2.2	0.1	2.6	841,323	441	0.0
9	D31	0	0	0	0	0	0	0	998	441	0.0
10	D31	10.5	9.3	90.9	12.2	19.1	1.1	23.1	4,432,435	441	0.1
11	D31	24.0	20.0	144.3	12.6	41.2	2.4	49.8	9,085,693	441	0.2
12	D31	14.5	11.5	84.8	12.2	23.7	1.4	28.6	7,494,975	441	0.1
13	D31	0	0	0	0	0	0	0	4,899,317	441	0.1
14	D31	0	0	0	0	0	0	0	3,080,560	441	0.1
15	D31	0	0	0	0	0	0	0	810	441	0.0
16	D31	0	0	0	0	0	0	0	960	441	0.0
17	D31	0	0	0	0	0	0	0	897	441	0.0
18	D31	0	0	0	0	0	0	0	965	441	0.0
19	D31	0	0	0	0	0	0	0	1,477,843	441	0.0
20	D31	0	0	0	0	0	0	0	812	441	0.0
21	D31	0	0	0	0	0	0	0	0	0	0.0
22	D31	0	0	0	0	0	0	0	0	0	0.0
23	D31	0	0	0	0	0	0	0	0	0	0.0
24	D31	0	0	0	0	0	0	0	0	0	0.0
25	D31	0	0	0	0	0	0	0	0	0	0.0
26	D31	0	0	0	0	0	0	0	0	0	0.0
27	D31	0	0	0	0	0	0	0	649,712	441	0.0
28	D31	0	0	0	0	0	0	0	0	0	0.0
29	D31	0	0	0	0	0	0	0	0	0	0.0
30	D31	0	0	0	0	0	0	0	0	0	0.0
Total Monthly =		54.9	44.6	426.0	86.2	91.9	5.4	111.0			0.6

Completion of commissioning for Units 4-8 on 4/22/2013

NOx (lbs/day) emissions reported for Apr are RTU values; CO (lbs/day) emission reported for Apr are CEMS values

Apr 2013 - CPV Sentinel Commissioning Unit 7 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D37	0	0	0	0	0	0	0	725	879	0.0
2	D37	6.3	5.2	59.2	58.4	10.6	0.6	12.9	2,842,571	879	0.1
3	D37	0	0	0	0	0	0	0	268	879	0.0
4	D37	0	0	0	0	0	0	0	824	879	0.0
5	D37	0	0	0	0	0	0	0	749	879	0.0
6	D37	2.1	1.2	51.6	85.9	2.4	0.1	2.9	1,758,288	879	0.1
7	D37	4.4	2.8	36.7	11.3	5.8	0.3	7.0	1,970,514	879	0.1
8	D37	1.4	0.9	20.5	17.3	1.9	0.1	2.3	811,691	879	0.0
9	D37	0	0	0	0	0	0	0	743	879	0.0
10	D37	10.3	9.2	89.8	64.9	19.0	1.1	22.9	4,415,849	879	0.2
11	D37	24.0	20.2	151.0	58.4	41.7	2.4	50.4	9,101,826	879	0.3
12	D37	14.6	11.7	85.2	27.7	24.0	1.4	29.1	7,626,910	879	0.3
13	D37	0	0	0	0	0	0	0	5,245,303	879	0.2
14	D37	0	0	0	0	0	0	0	3,315,361	879	0.1
15	D37	0	0	0	0	0	0	0	560	879	0.0
16	D37	0	0	0	0	0	0	0	589	879	0.0
17	D37	0	0	0	0	0	0	0	732	879	0.0
18	D37	0	0	0	0	0	0	0	925	879	0.0
19	D37	0	0	0	0	0	0	0	1,468,359	879	0.1
20	D37	0	0	0	0	0	0	0	914	879	0.0
21	D37	0	0	0	0	0	0	0	697	879	0.0
22	D37	0	0	0	0	0	0	0	801	879	0.0
23	D37	0	0	0	0	0	0	0	604	879	0.0
24	D37	0	0	0	0	0	0	0	0	0	0.0
25	D37	0	0	0	0	0	0	0	0	0	0.0
26	D37	0	0	0	0	0	0	0	434	879	0.0
27	D37	0	0	0	0	0	0	0	578,374	879	0.0
28	D37	0	0	0	0	0	0	0	261	879	0.0
29	D37	0	0	0	0	0	0	0	588	879	0.0
30	D37	0	0	0	0	0	0	0	764	879	0.0
Total Monthly =		63.1	51.2	494.0	323.9	105.5	6.1	127.5			1.4

Completion of commissioning for Units 4-8 on 4/22/2013

NOx (lbs/day) emissions reported for Apr are RTU values; CO (lbs/day) emission reported for Apr are CEMS values

Apr 2013 - CPV Sentinel Commissioning Unit 8 Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Daily Fuel Use (MMscf/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	VOC (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)	Cooling Tower Emissions Daily Water Flow Rate (gallons/day)	Circulating Water TDS Level (ppm)	Emissions PM10 (lbs/day)
1	D43	3.0	1.4	25.7	19.5	2.8	0.2	3.4	1,782,909	241	0.0
2	D43	2.7	1.5	28.5	21.6	3.1	0.2	3.7	2,184,240	241	0.0
3	D43	0	0	0.0	0.0	0.0	0.0	0.0	787,934	241	0.0
4	D43	2.2	1.1	20.1	15.2	2.2	0.1	2.6	2,598,630	241	0.0
5	D43	13.2	10.6	201.5	152.5	21.8	1.3	26.4	5,360,452	241	0.1
6	D43	10.5	6.5	123.9	93.8	13.4	0.8	16.2	4,459,292	241	0.0
7	D43	2.3	1.8	34.7	26.3	3.8	0.2	4.5	1,868,694	241	0.0
8	D43	2.2	1.2	21.9	16.6	2.4	0.1	2.9	2,047,965	241	0.0
9	D43	7.2	5.6	61.8	46.7	11.5	0.7	13.9	4,568,029	241	0.0
10	D43	10.1	9.3	168.3	44.9	19.2	1.1	23.3	4,693,719	241	0.0
11	D43	24.1	20.7	154.1	39.7	42.5	2.5	51.4	9,082,854	241	0.1
12	D43	14.7	12.0	88.6	0.9	24.7	1.4	29.8	7,334,862	241	0.1
13	D43	0	0	0	0	0	0	0	4,367,963	241	0.0
14	D43	0	0	0	0	0	0	0	2,849,500	241	0.0
15	D43	0	0	0	0	0	0	0	38,778	241	0.0
16	D43	0	0	0	0	0	0	0	620	241	0.0
17	D43	0	0	0	0	0	0	0	696	241	0.0
18	D43	0	0	0	0	0	0	0	731	241	0.0
19	D43	0	0	0	0	0	0	0	1,452,001	241	0.0
20	D43	0	0	0	0	0	0	0	188,415	241	0.0
21	D43	0	0	0	0	0	0	0	865	241	0.0
22	D43	0	0	0	0	0	0	0	768	241	0.0
23	D43	0	0	0	0	0	0	0	682	241	0.0
24	D43	0	0	0	0	0	0	0	0	0	0.0
25	D43	0	0	0	0	0	0	0	0	0	0.0
26	D43	0	0	0	0	0	0	0	269	241	0.0
27	D43	0	0	0	0	0	0	0	643,836	241	0.0
28	D43	0	0	0	0	0	0	0	461,298	241	0.0
29	D43	0	0	0	0	0	0	0	983	241	0.0
30	D43	0	0	0	0	0	0	0	793	241	0.0
Total Monthly =		92.2	71.6	929.2	477.5	147.4	8.6	178.2			0.6

Completion of commissioning for Units 4-8 on 4/22/2013

NOx (lbs/day) emissions are RTU values and CO (lbs/day) are CEMS values starting 4/9/2013

Apr 2013 - CPV Sentinel Commissioning Fire Pump Emissions

Day	SCAQMD Device Number	Daily Operating Hours (hrs/day)	Emergency Hours (hrs/day)	Daily Fuel Use (gallons/day)	Calculated Emissions NOx (lbs/day)	CO (lbs/day)	SOx (lbs/day)	PM10 (lbs/day)
1	D49	0	0	0	0	0	0	0
2	D49	0	0	0	0	0	0	0
3	D49	0	0	0	0	0	0	0
4	D49	0	0	0	0	0	0	0
5	D49	0	0	0	0	0	0	0
6	D49	0	0	0	0	0	0	0
7	D49	0	0	0	0	0	0	0
8	D49	0	0	0	0	0	0	0
9	D49	0	0	0	0	0	0	0
10	D49	0	0	0	0	0	0	0
11	D49	0	0	0	0	0	0	0
12	D49	0	0	0	0	0	0	0
13	D49	0	0	0	0	0	0	0
14	D49	0	0	0	0	0	0	0
15	D49	0	0	0	0	0	0	0
16	D49	0	0	0	0	0	0	0
17	D49	0	0	0	0	0	0	0
18	D49	0	0	0	0	0	0	0
19	D49	0	0	0	0	0	0	0
20	D49	0	0	0	0	0	0	0
21	D49	0	0	0	0	0	0	0
22	D49	0	0	0	0	0	0	0
23	D49	0	0	0	0	0	0	0
24	D49	0	0	0	0	0	0	0
25	D49	0.4	0	1.6	0.2	0.6	0.0	0.0
26	D49	0.5	0	2.0	0.3	0.8	0.0	0.0
27	D49	0	0	0	0	0	0	0
28	D49	0	0	0	0	0	0	0
29	D49	0	0	0	0	0	0	0
30	D49	0	0	0	0	0	0	0
Total Monthly =		0.9	0	3.7	0.5	1.4	0.0	0.1